

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051222\
 Data File : VN072445.D
 Acq On : 12 May 2022 11:55
 Operator : JC\MD
 Sample : VN0512WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0512WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/13/2022
 Supervised By : Mahesh Dadoda 05/13/2022

Quant Time: May 13 02:41:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.080	168	196393	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	305483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	279651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	123194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	155089	51.557	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.120%			
35) Dibromofluoromethane	8.016	113	108388	53.331	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.660%			
50) Toluene-d8	10.439	98	402208	51.963	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.920%			
62) 4-Bromofluorobenzene	12.727	95	140405	54.620	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.240%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.075	85	45879	18.731	ug/l	95
3) Chloromethane	2.298	50	39814	16.488	ug/l	96
4) Vinyl Chloride	2.446	62	34910	16.739	ug/l	97
5) Bromomethane	2.845	94	23324	18.784	ug/l	88
6) Chloroethane	3.016	64	22175	19.406	ug/l	# 88
7) Trichlorofluoromethane	3.375	101	74937	19.386	ug/l	91
8) Diethyl Ether	3.828	74	24382	17.485	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.210	101	39700	18.822	ug/l	99
10) Methyl Iodide	4.422	142	48154	17.223	ug/l	# 85
11) Tert butyl alcohol	5.369	59	43441	88.320	ug/l	98
12) 1,1-Dichloroethene	4.192	96	34559	17.487	ug/l	95
13) Acrolein	4.045	56	39022	81.088	ug/l	98
14) Allyl chloride	4.845	41	60246	16.373	ug/l	90
15) Acrylonitrile	5.551	53	114343	85.550	ug/l	96
16) Acetone	4.287	43	107599	90.321	ug/l	89
17) Carbon Disulfide	4.534	76	85766	16.733	ug/l	98
18) Methyl Acetate	4.857	43	60750	17.320	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	132621	18.569	ug/l	97
20) Methylene Chloride	5.098	84	40920	16.752	ug/l	93
21) trans-1,2-Dichloroethene	5.592	96	35779	17.304	ug/l	94
22) Diisopropyl ether	6.492	45	129261	17.288	ug/l	94
23) Vinyl Acetate	6.434	43	550980	88.068	ug/l	98
24) 1,1-Dichloroethane	6.386	63	75202	17.823	ug/l	98
25) 2-Butanone	7.333	43	156244	83.101	ug/l	94
26) 2,2-Dichloropropane	7.322	77	70584	19.907	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	44142	17.758	ug/l	94
28) Bromochloromethane	7.657	49	31479	17.571	ug/l	97
29) Tetrahydrofuran	7.680	42	105287	86.164	ug/l	91
30) Chloroform	7.816	83	83634	19.484	ug/l	100
31) Cyclohexane	8.092	56	67983	17.056	ug/l	88
32) 1,1,1-Trichloroethane	8.016	97	79976	20.313	ug/l	98
36) 1,1-Dichloropropene	8.222	75	56385	19.316	ug/l	95
37) Ethyl Acetate	7.410	43	67148	19.173	ug/l	97
38) Carbon Tetrachloride	8.204	117	71278	21.818	ug/l	98
39) Methylcyclohexane	9.457	83	64479	19.654	ug/l	91
40) Benzene	8.457	78	162788	18.668	ug/l	98

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 Supervised By : Mahesh Dadoda 05/13/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	33343	19.227	ug/l	87
42) 1,2-Dichloroethane	8.527	62	73370	20.934	ug/l	94
43) Isopropyl Acetate	8.557	43	102660	19.084	ug/l	96
44) Trichloroethene	9.216	130	41676	18.827	ug/l	91
45) 1,2-Dichloropropane	9.486	63	41331	18.559	ug/l	99
46) Dibromomethane	9.569	93	30084	19.401	ug/l	96
47) Bromodichloromethane	9.763	83	64172	20.300	ug/l	99
48) Methyl methacrylate	9.557	41	43359	17.276	ug/l #	91
49) 1,4-Dioxane	9.563	88	17687	413.113	ug/l #	94
51) 4-Methyl-2-Pentanone	10.327	43	320247	95.871	ug/l	94
52) Toluene	10.504	92	104764	19.484	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	63672	19.788	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	68212	19.869	ug/l	90
55) 1,1,2-Trichloroethane	10.898	97	42790	19.103	ug/l	93
56) Ethyl methacrylate	10.757	69	63434	19.759	ug/l #	83
57) 1,3-Dichloropropane	11.039	76	75190	19.712	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	86471	110.068	ug/l	99
59) 2-Hexanone	11.080	43	228923	97.738	ug/l	92
60) Dibromochloromethane	11.233	129	50107	21.058	ug/l	98
61) 1,2-Dibromoethane	11.339	107	46113	20.657	ug/l	100
64) Tetrachloroethene	10.974	164	40332	20.037	ug/l	96
65) Chlorobenzene	11.768	112	111122	19.449	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	46043	20.134	ug/l	97
67) Ethyl Benzene	11.839	91	197497	20.034	ug/l	98
68) m/p-Xylenes	11.945	106	151279	40.462	ug/l	90
69) o-Xylene	12.274	106	75680	20.602	ug/l	93
70) Styrene	12.292	104	119524	21.268	ug/l	97
71) Bromoform	12.451	173	35628	21.120	ug/l #	99
73) Isopropylbenzene	12.574	105	198163	19.417	ug/l	99
74) N-amyl acetate	12.386	43	62791	17.406	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.821	83	63285	17.080	ug/l	97
76) 1,2,3-Trichloropropane	12.874	75	58186m	18.109	ug/l	
77) Bromobenzene	12.857	156	46112	18.885	ug/l	95
78) n-propylbenzene	12.915	91	214277	19.621	ug/l	97
79) 2-Chlorotoluene	13.004	91	139471	19.440	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	169186	20.241	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.627	75	17944	18.630	ug/l	88
82) 4-Chlorotoluene	13.098	91	130528	19.198	ug/l	97
83) tert-Butylbenzene	13.321	119	147569	20.167	ug/l	93
84) 1,2,4-Trimethylbenzene	13.362	105	160379	19.724	ug/l	96
85) sec-Butylbenzene	13.498	105	190411	19.512	ug/l	100
86) p-Isopropyltoluene	13.610	119	160345	21.094	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	78645	18.676	ug/l	95
88) 1,4-Dichlorobenzene	13.692	146	74438	17.769	ug/l	92
89) n-Butylbenzene	13.939	91	114012	19.621	ug/l	99
90) Hexachloroethane	14.204	117	28835	18.982	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	81803	19.451	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	13734	21.317	ug/l	83
93) 1,2,4-Trichlorobenzene	15.262	180	32217	20.222	ug/l	97
94) Hexachlorobutadiene	15.368	225	21102	20.005	ug/l	98
95) Naphthalene	15.498	128	84963	16.690	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	32306	20.235	ug/l	96

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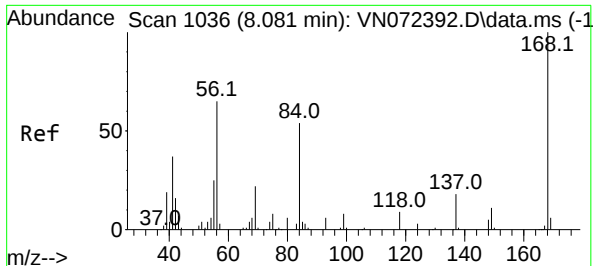
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/13/2022

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Quant Title : SW846 8260
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Response via : Initial Calibration

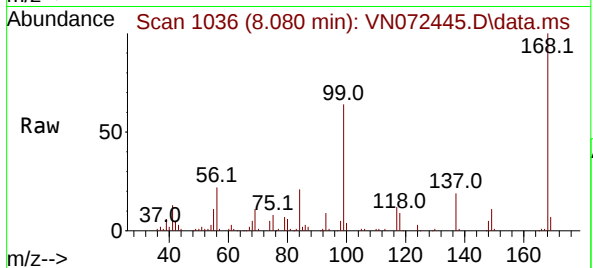
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN072445.D
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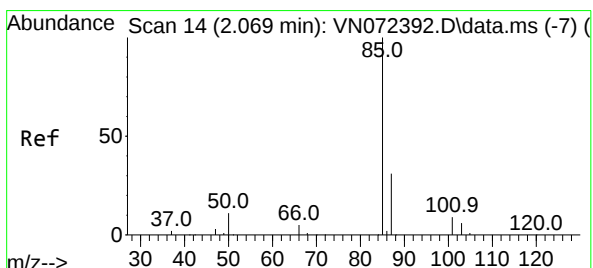
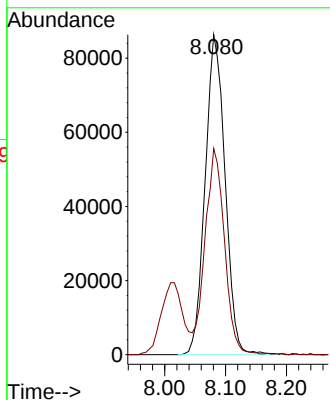
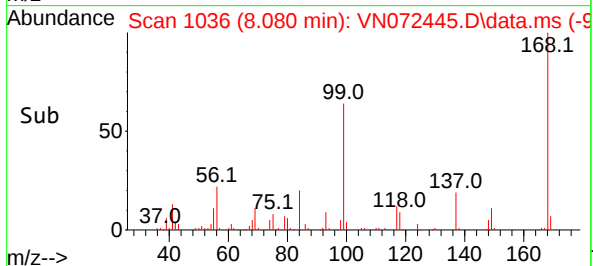
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBS01



Tgt Ion:168 Resp: 19639
Ion Ratio Lower Upper
168 100
99 64.1 42.3 63.5

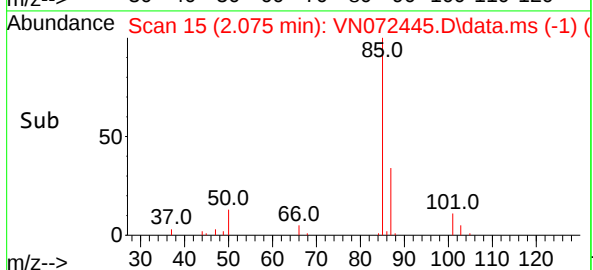
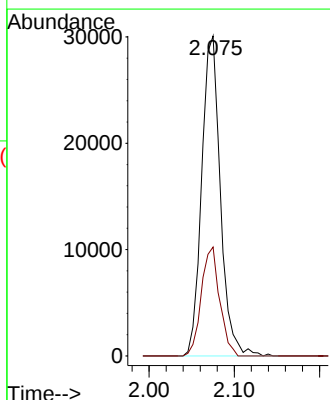
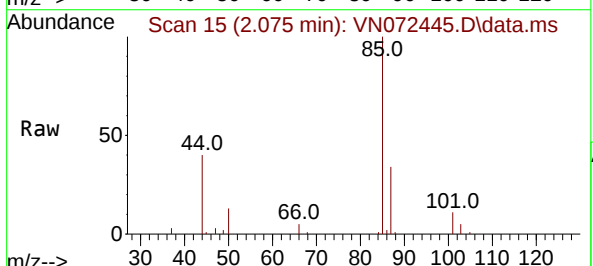
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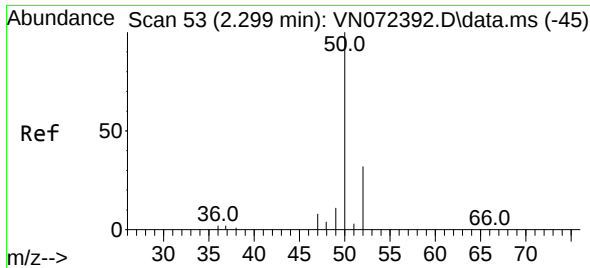
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#2
Dichlorodifluoromethane
Concen: 18.731 ug/l
RT: 2.075 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

Tgt Ion: 85 Resp: 45879
Ion Ratio Lower Upper
85 100
87 34.0 15.7 47.1





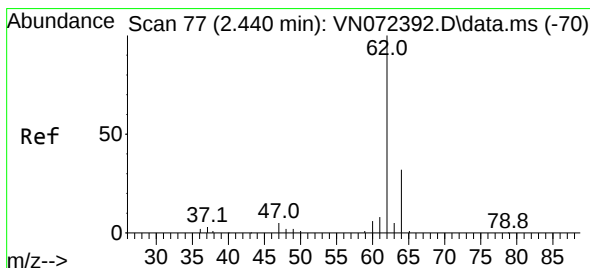
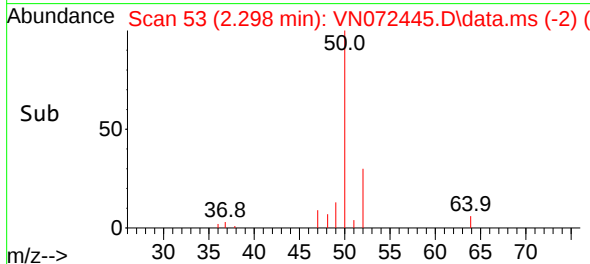
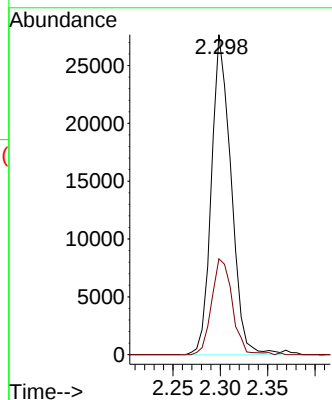
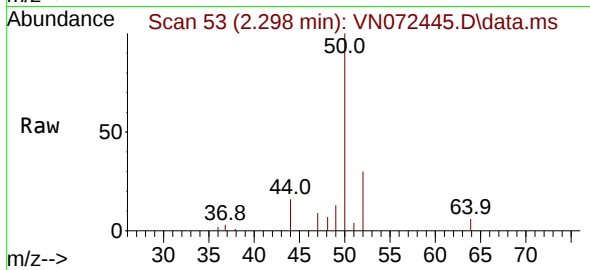
#3
Chloromethane
Concen: 16.488 ug/l
RT: 2.298 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

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Tgt Ion: 50 Resp: 39814
Ion Ratio Lower Upper
50 100
52 30.0 25.7 38.5

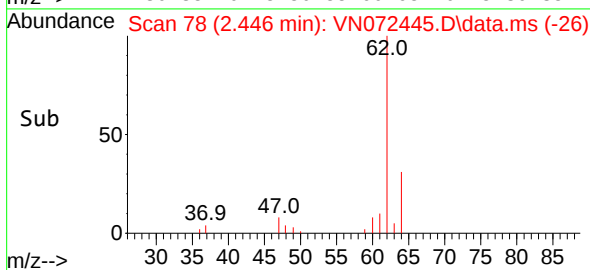
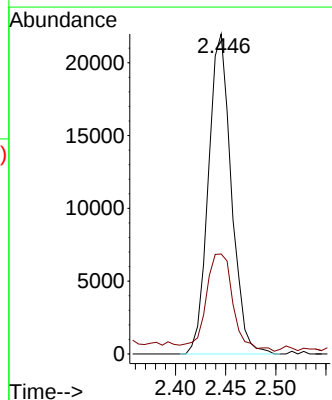
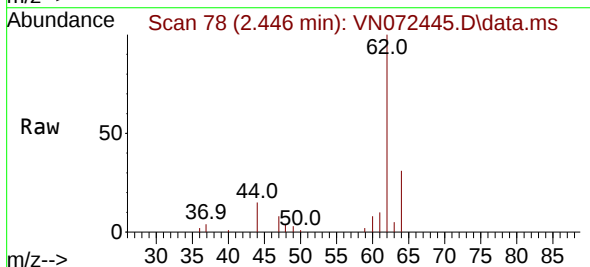
Manual Integrations
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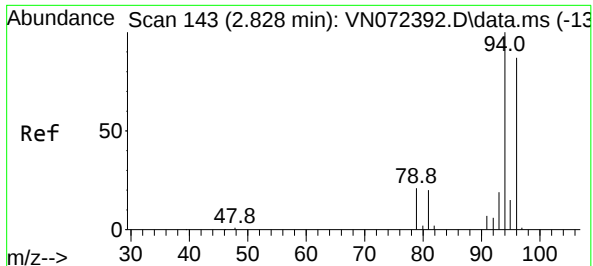
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#4
Vinyl Chloride
Concen: 16.739 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.006 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

Tgt Ion: 62 Resp: 34910
Ion Ratio Lower Upper
62 100
64 29.8 25.0 37.4





#5

Bromomethane

Concen: 18.784 ug/l

RT: 2.845 min Scan# 14

Delta R.T. 0.017 min

Lab File: VN072445.D

Acq: 12 May 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0512WBS01

Tgt Ion: 94 Resp: 23324

Ion Ratio Lower Upper

94 100

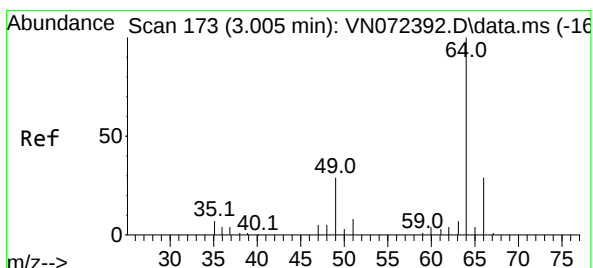
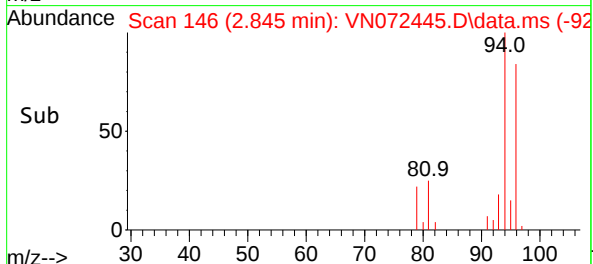
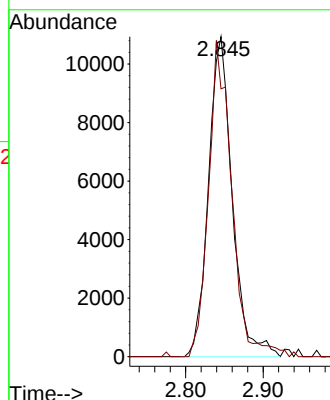
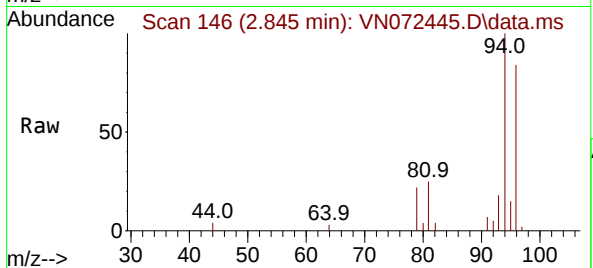
96 83.7 76.0 114.0

Manual Integrations

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Supervised By :Mahesh Dadoda 05/13/2022



#6

Chloroethane

Concen: 19.406 ug/l

RT: 3.016 min Scan# 175

Delta R.T. 0.011 min

Lab File: VN072445.D

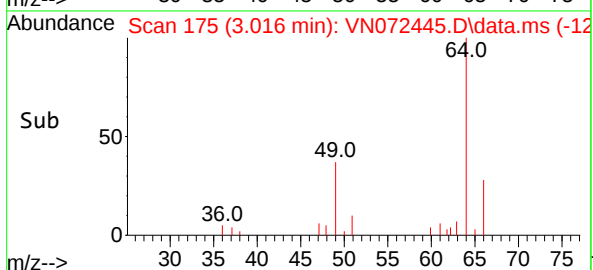
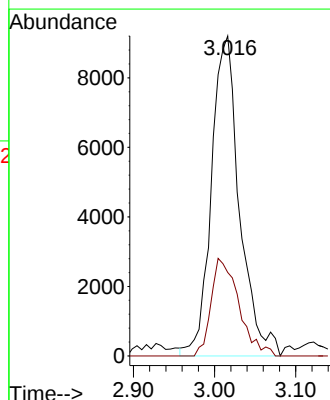
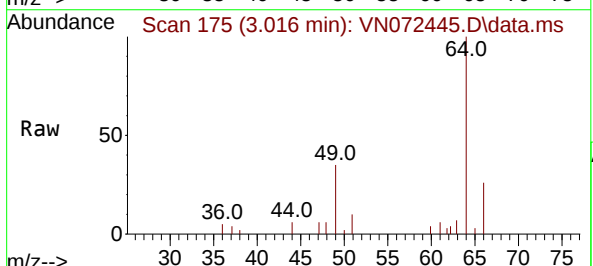
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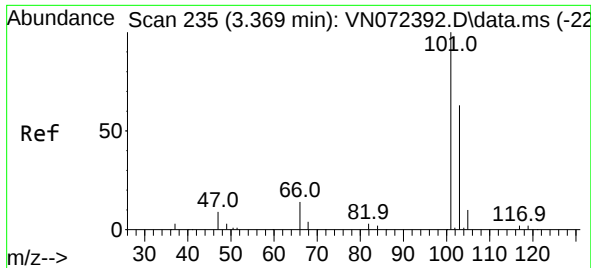
Tgt Ion: 64 Resp: 22175

Ion Ratio Lower Upper

64 100

66 26.1 26.2 39.4#





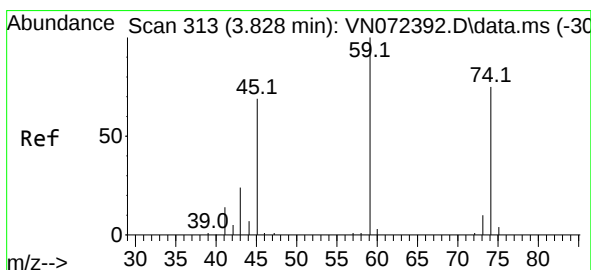
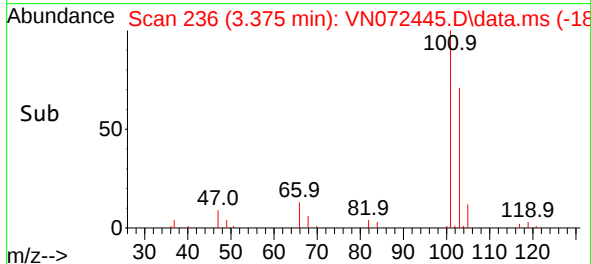
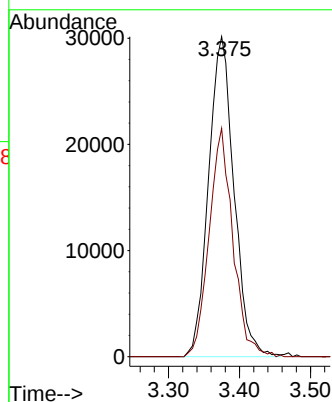
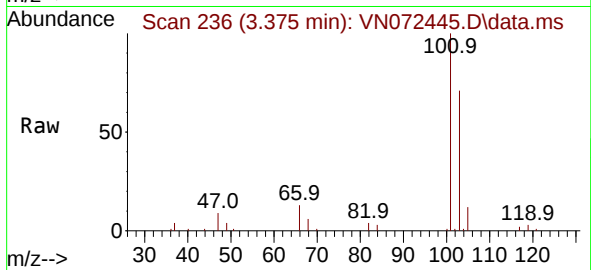
#7
Trichlorofluoromethane
Concen: 19.386 ug/l
RT: 3.375 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0512WBS01

Tgt Ion:101 Resp: 7493
Ion Ratio Lower Upper
101 100
103 71.3 51.5 77.3

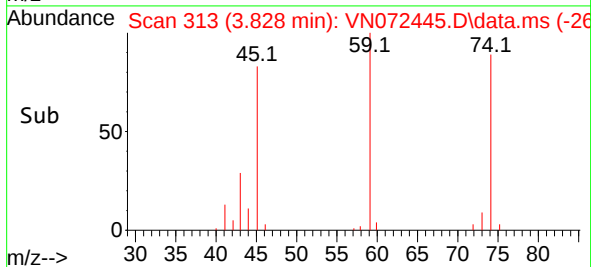
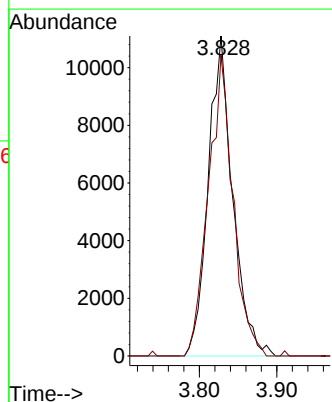
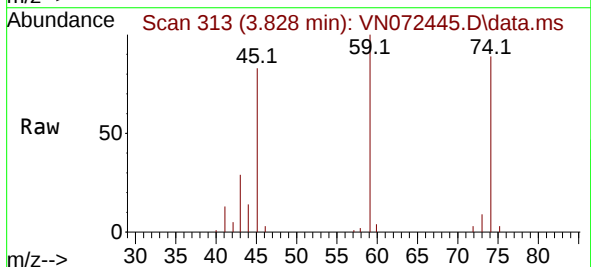
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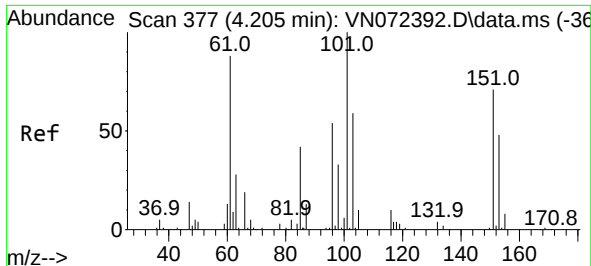
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#8
Diethyl Ether
Concen: 17.485 ug/l
RT: 3.828 min Scan# 313
Delta R.T. -0.000 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

Tgt Ion: 74 Resp: 24382
Ion Ratio Lower Upper
74 100
45 94.2 42.9 128.5





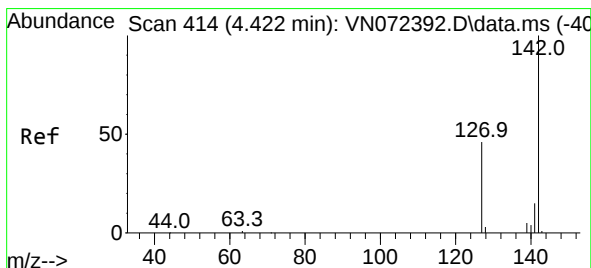
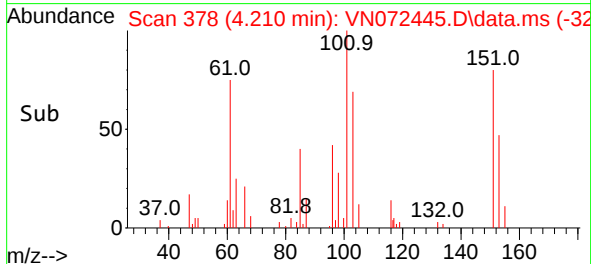
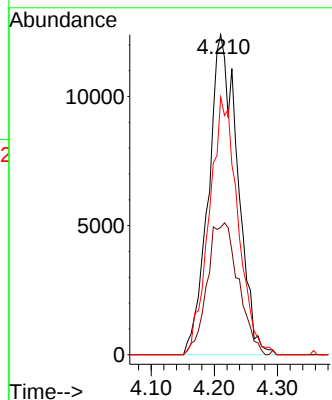
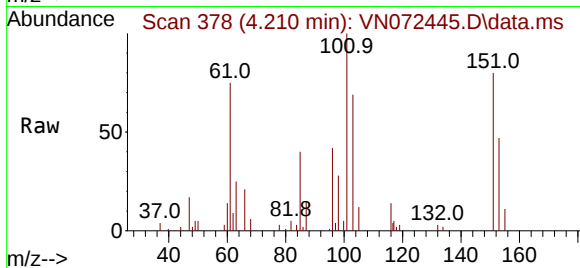
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.822 ug/l
RT: 4.210 min Scan# 378
Delta R.T. 0.005 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0512WBS01

Tgt Ion:101 Resp: 39700
Ion Ratio Lower Upper
101 100
85 44.2 34.7 52.1
151 79.2 63.0 94.4

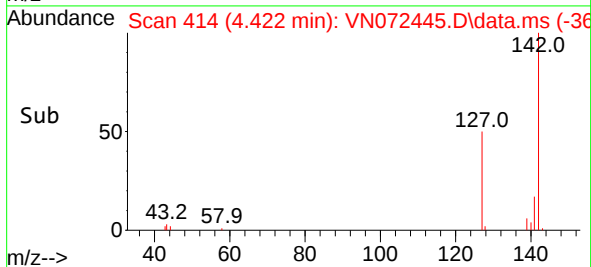
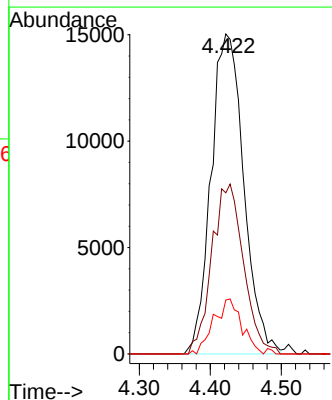
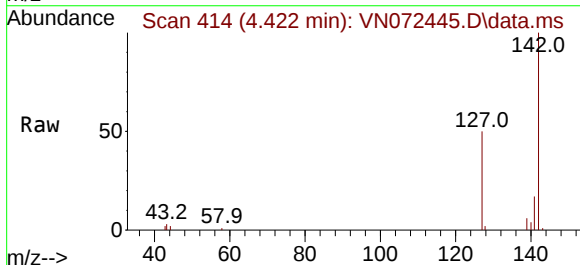
Manual Integrations
APPROVED

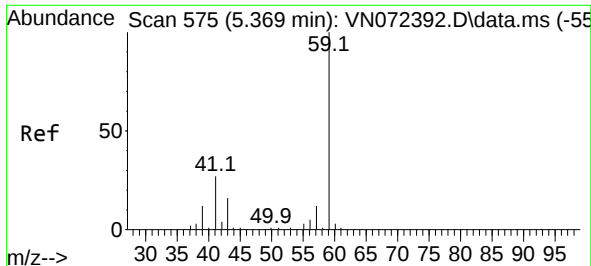
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#10
Methyl Iodide
Concen: 17.223 ug/l
RT: 4.422 min Scan# 414
Delta R.T. -0.000 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

Tgt Ion:142 Resp: 48154
Ion Ratio Lower Upper
142 100
127 51.4 31.3 46.9#
141 14.7 11.2 16.8





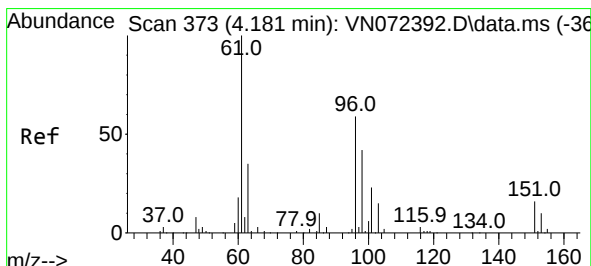
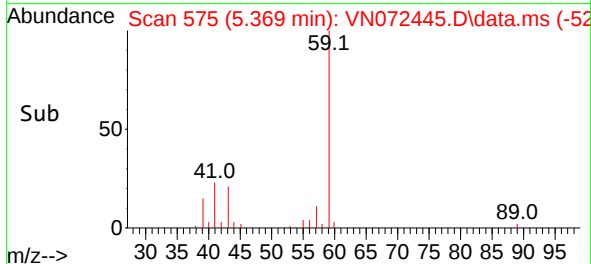
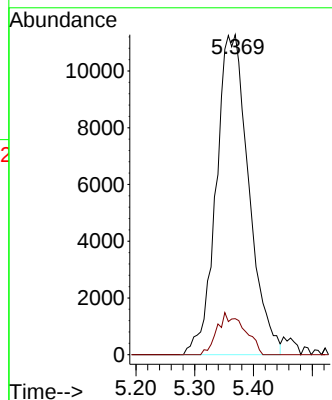
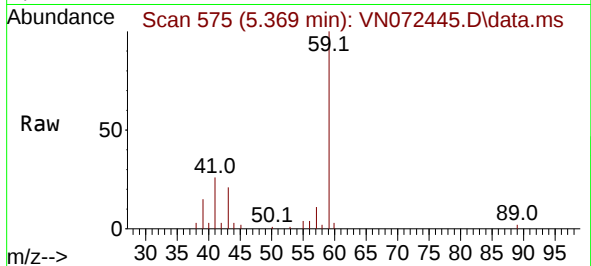
#11
Tert butyl alcohol
Concen: 88.320 ug/l
RT: 5.369 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0512WBS01

Tgt Ion: 59 Resp: 4344
Ion Ratio Lower Upper
59 100
57 11.0 8.3 12.5

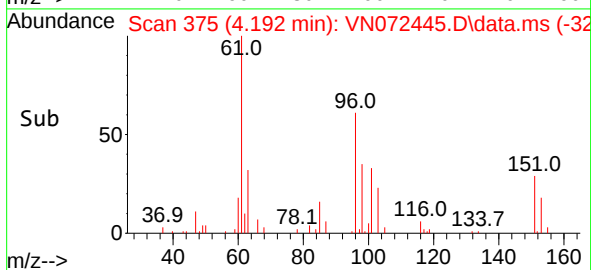
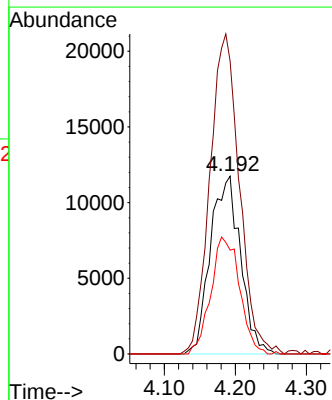
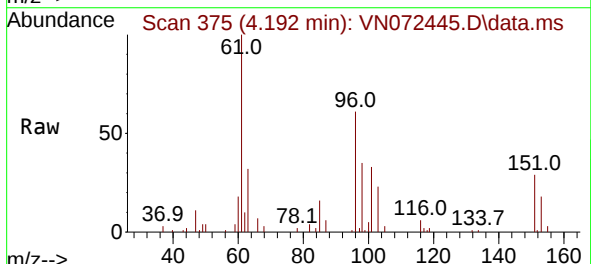
Manual Integrations
APPROVED

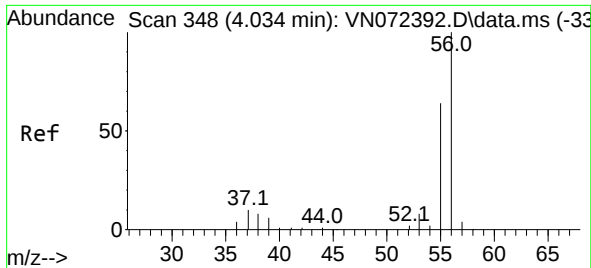
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#12
1,1-Dichloroethene
Concen: 17.487 ug/l
RT: 4.192 min Scan# 375
Delta R.T. 0.011 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

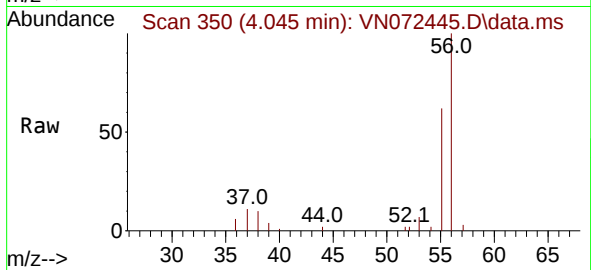
Tgt Ion: 96 Resp: 34559
Ion Ratio Lower Upper
96 100
61 164.8 127.6 191.4
98 58.4 51.2 76.8





#13
Acrolein
Concen: 81.088 ug/l
RT: 4.045 min Scan# 348
Delta R.T. 0.011 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

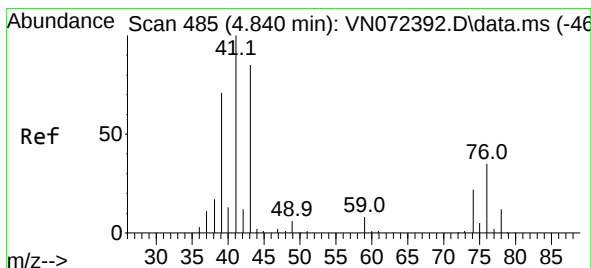
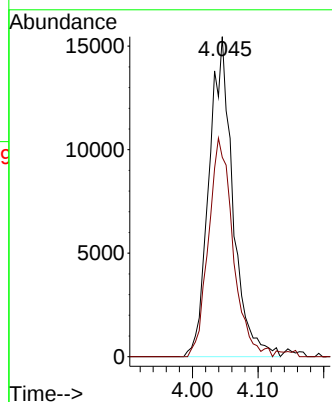
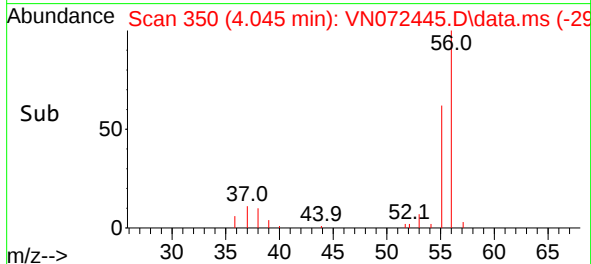
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBS01



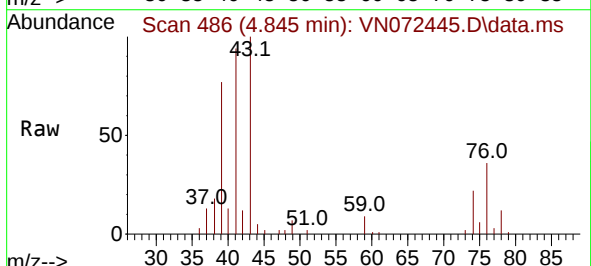
Tgt Ion: 56 Resp: 3902
Ion Ratio Lower Upper
56 100
55 70.5 54.8 82.2

Manual Integrations
APPROVED

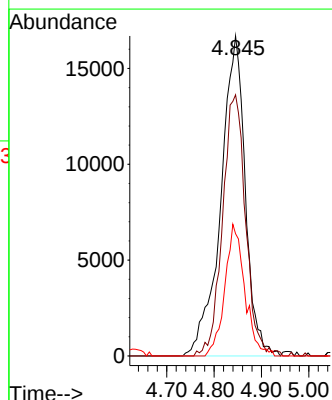
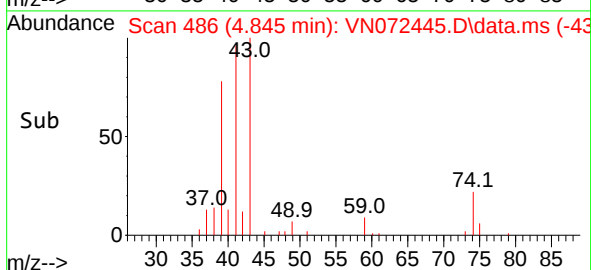
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

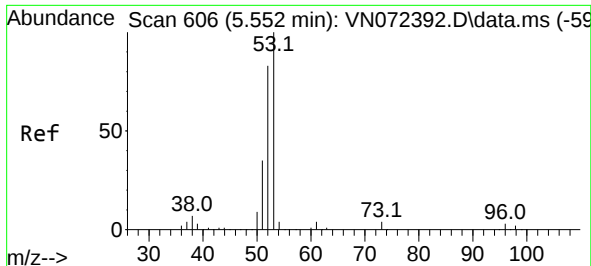


#14
Allyl chloride
Concen: 16.373 ug/l
RT: 4.845 min Scan# 486
Delta R.T. 0.005 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55



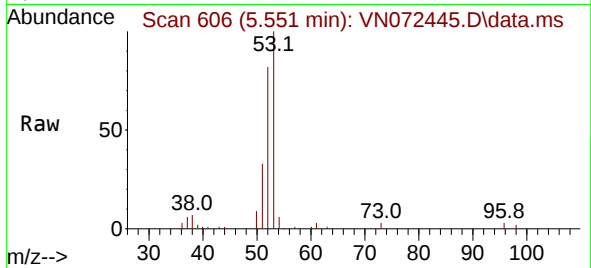
Tgt Ion: 41 Resp: 60246
Ion Ratio Lower Upper
41 100
39 76.3 53.2 79.8
76 33.5 29.9 44.9





#15
Acrylonitrile
Concen: 85.550 ug/l
RT: 5.551 min Scan# 606
Delta R.T. -0.001 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

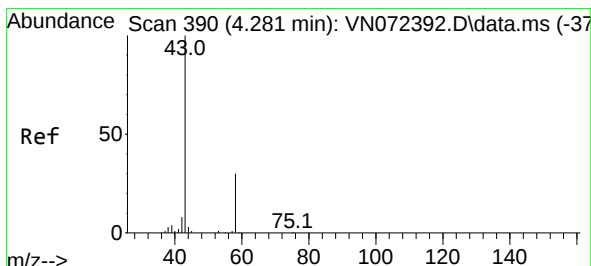
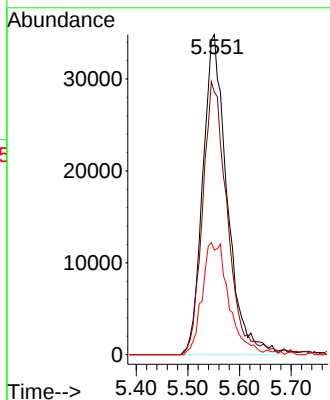
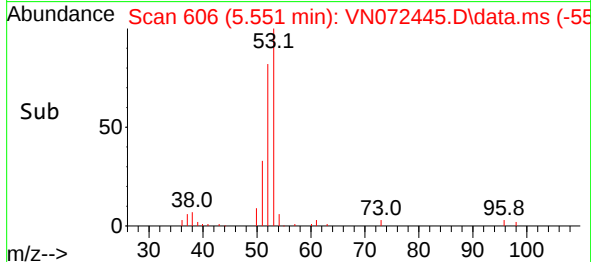
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBS01



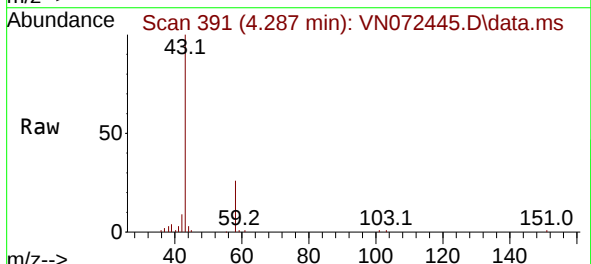
Tgt Ion: 53 Resp: 11434
Ion Ratio Lower Upper
53 100
52 86.2 66.4 99.6
51 38.1 28.5 42.7

Manual Integrations
APPROVED

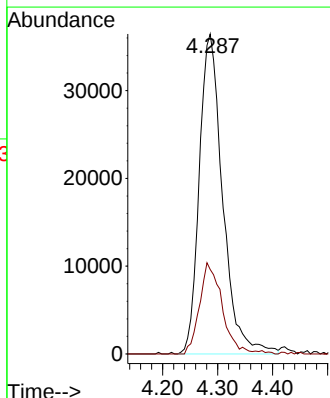
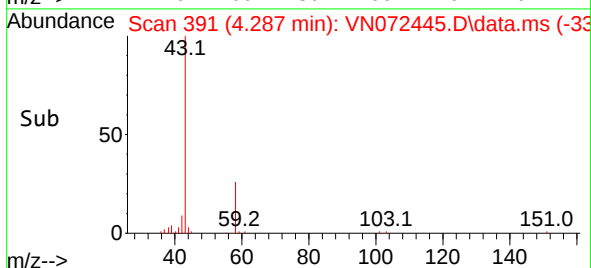
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

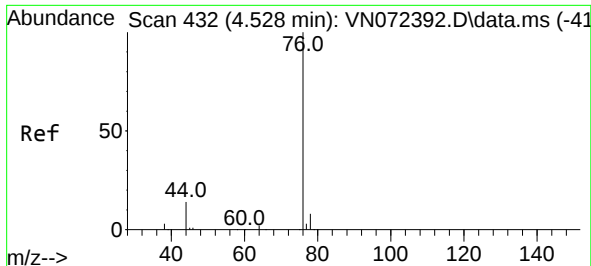


#16
Acetone
Concen: 90.321 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55



Tgt Ion: 43 Resp: 107599
Ion Ratio Lower Upper
43 100
58 26.4 26.0 39.0





#17

Carbon Disulfide

Concen: 16.733 ug/l

RT: 4.534 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN072445.D

Acq: 12 May 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0512WBS01

Tgt Ion: 76 Resp: 8576

Ion Ratio Lower Upper

76 100

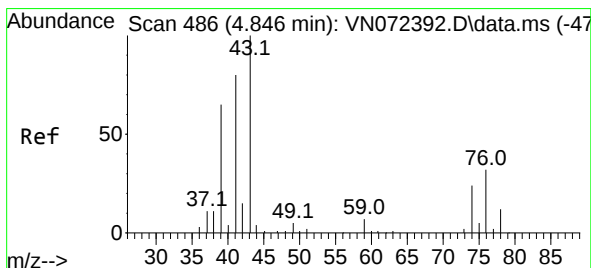
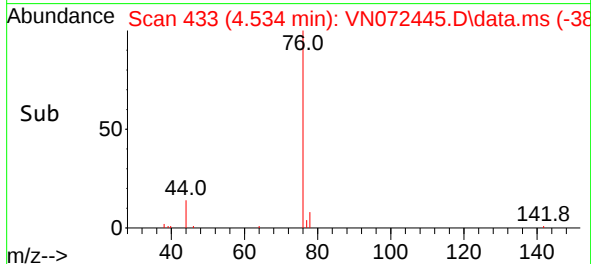
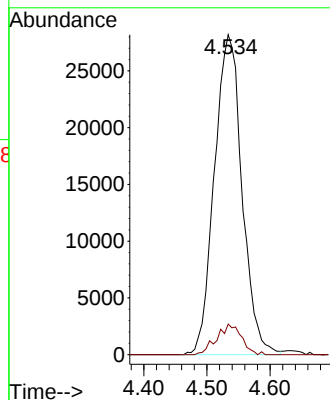
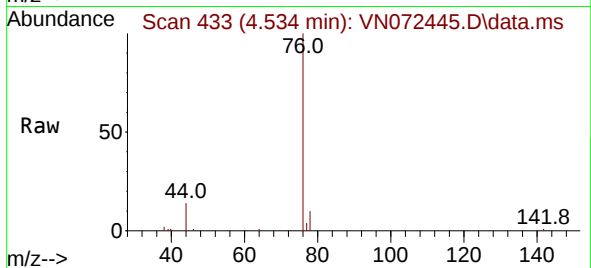
78 9.5 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#18

Methyl Acetate

Concen: 17.320 ug/l

RT: 4.857 min Scan# 488

Delta R.T. 0.011 min

Lab File: VN072445.D

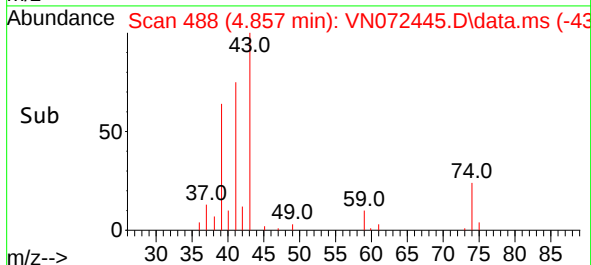
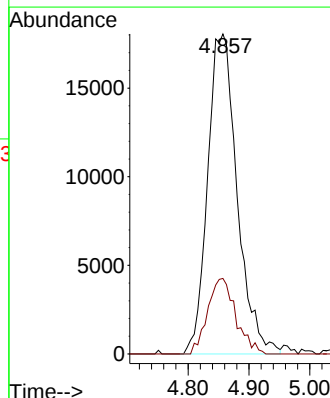
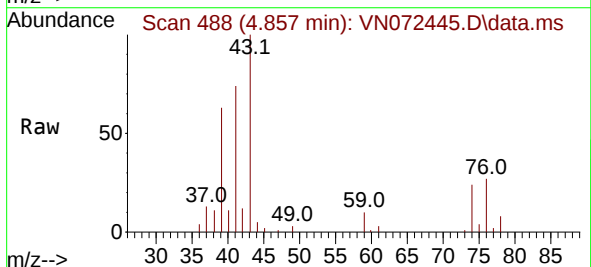
Acq: 12 May 2022 11:55

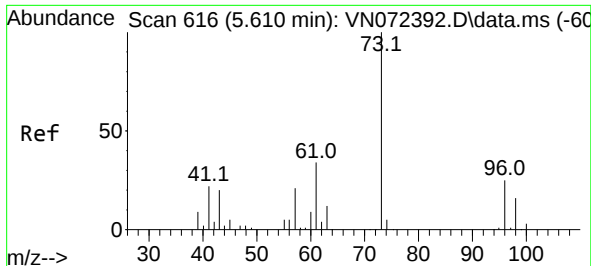
Tgt Ion: 43 Resp: 60750

Ion Ratio Lower Upper

43 100

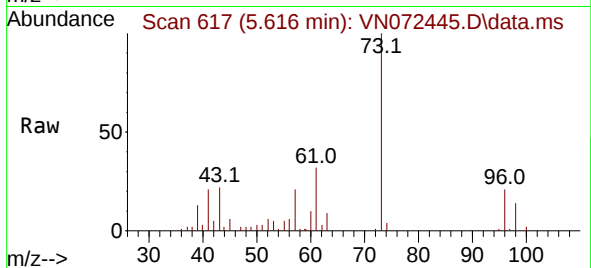
74 22.6 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 18.569 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

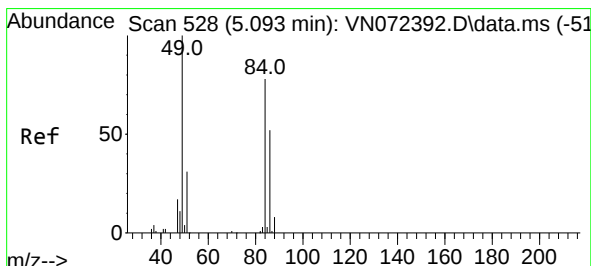
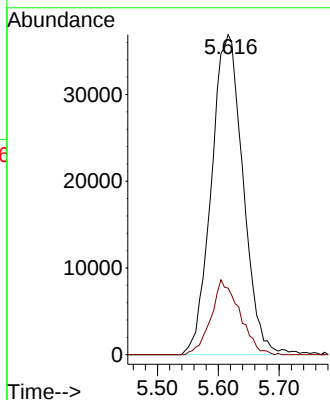
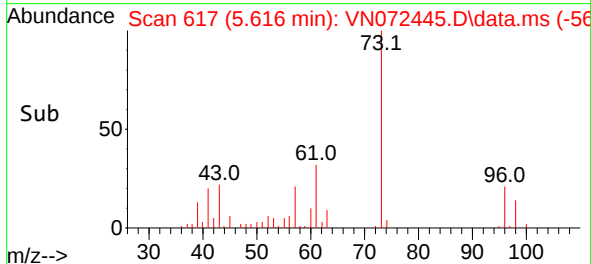
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBS01



Tgt Ion: 73 Resp: 13262
Ion Ratio Lower Upper
73 100
57 20.8 17.6 26.4

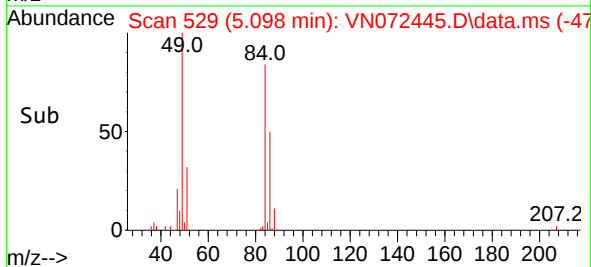
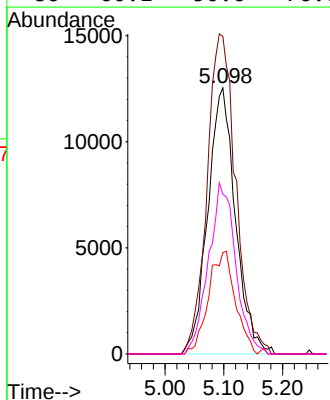
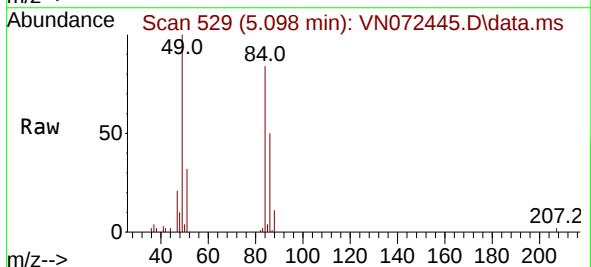
Manual Integrations
APPROVED

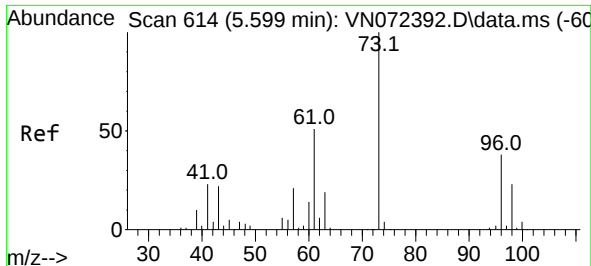
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#20
Methylene Chloride
Concen: 16.752 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

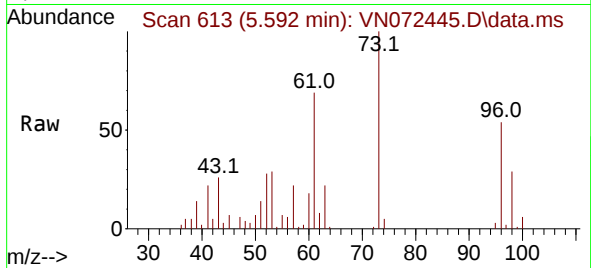
Tgt Ion: 84 Resp: 40920
Ion Ratio Lower Upper
84 100
49 119.4 88.3 132.5
51 38.2 28.2 42.2
86 60.1 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 17.304 ug/l
RT: 5.592 min Scan# 614
Delta R.T. -0.007 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

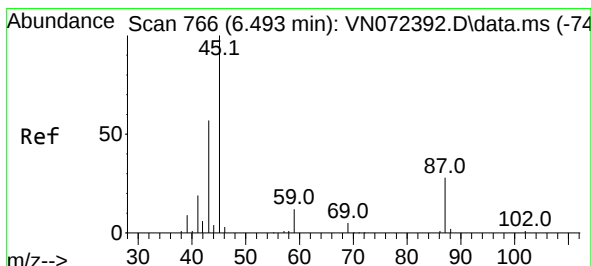
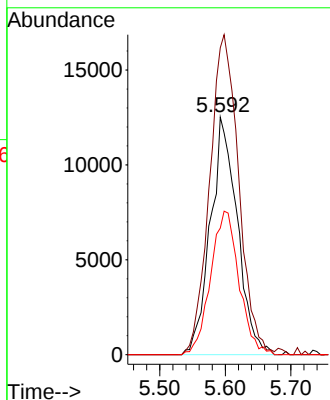
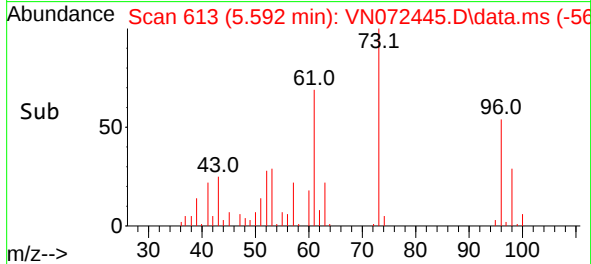
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBS01



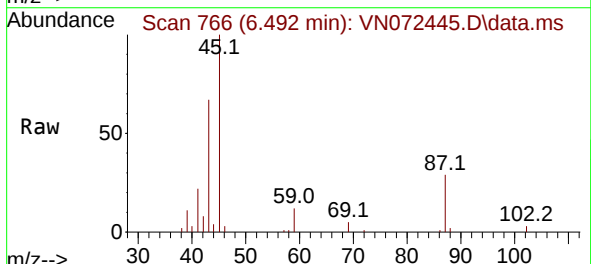
Tgt Ion: 96 Resp: 35779
Ion Ratio Lower Upper
96 100
61 129.2 105.8 158.8
98 53.3 50.3 75.5

Manual Integrations
APPROVED

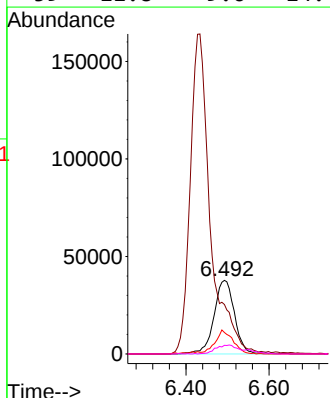
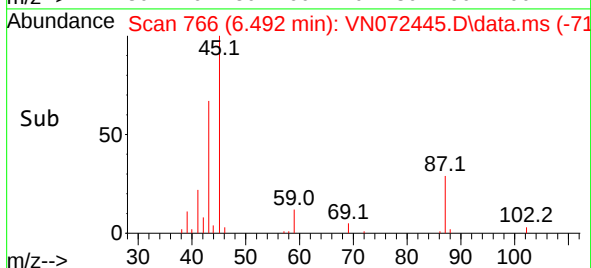
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

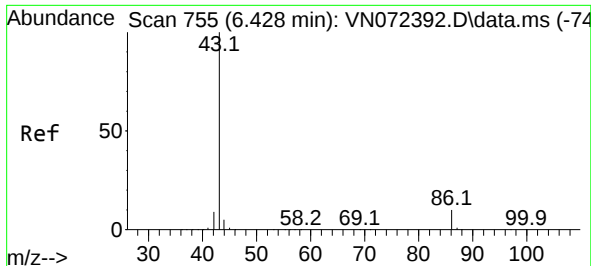


#22
Diisopropyl ether
Concen: 17.288 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.001 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55



Tgt Ion: 45 Resp: 129261
Ion Ratio Lower Upper
45 100
43 64.9 46.6 70.0
87 29.2 24.3 36.5
59 11.8 9.6 14.4





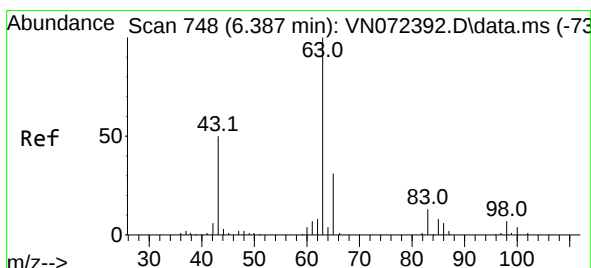
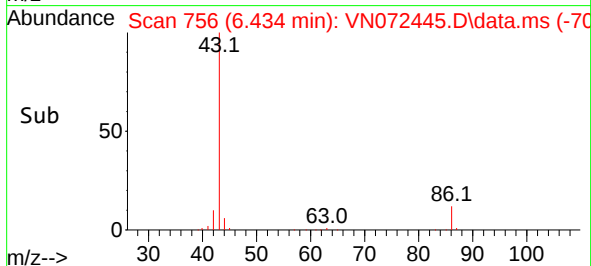
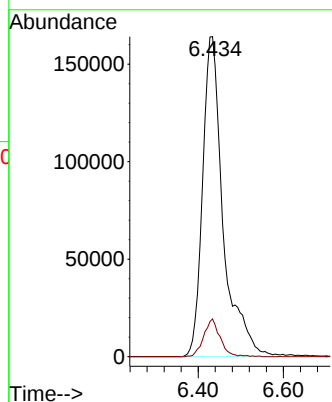
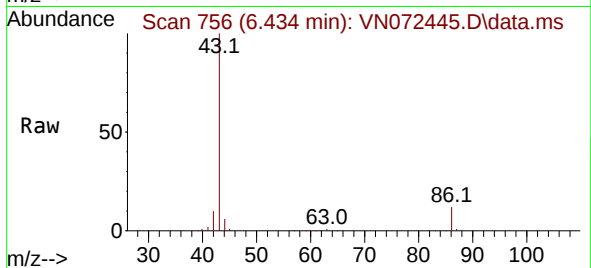
#23
 Vinyl Acetate
 Concen: 88.068 ug/l
 RT: 6.434 min Scan# 756
 Delta R.T. 0.006 min
 Lab File: VN072445.D
 Acq: 12 May 2022 11:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0512WBS01

Tgt Ion: 43 Resp: 550980
 Ion Ratio Lower Upper
 43 100
 86 11.8 10.0 15.0

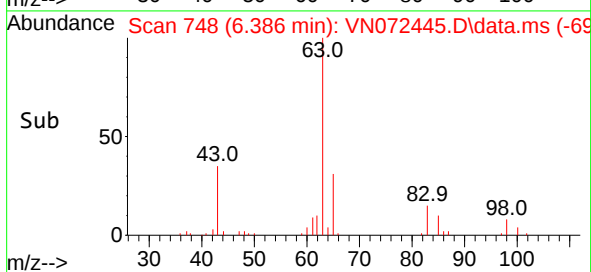
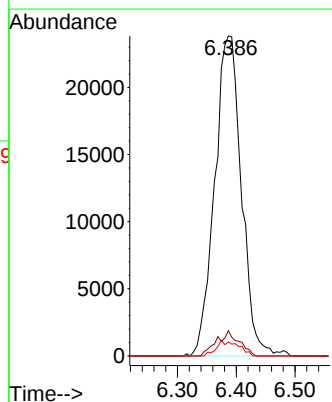
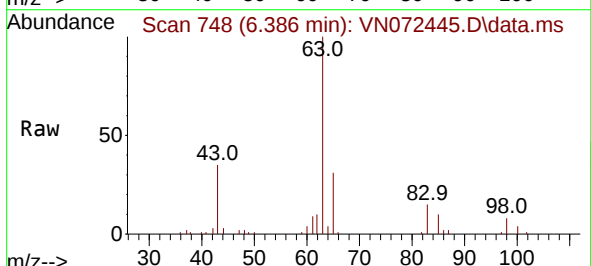
Manual Integrations
 APPROVED

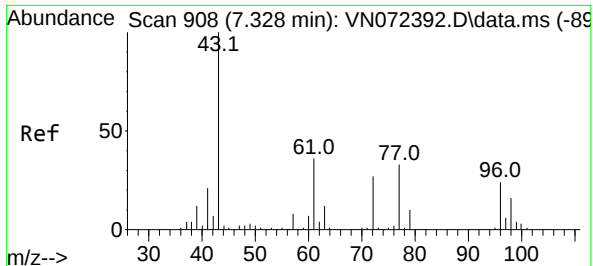
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022



#24
 1,1-Dichloroethane
 Concen: 17.823 ug/l
 RT: 6.386 min Scan# 748
 Delta R.T. -0.001 min
 Lab File: VN072445.D
 Acq: 12 May 2022 11:55

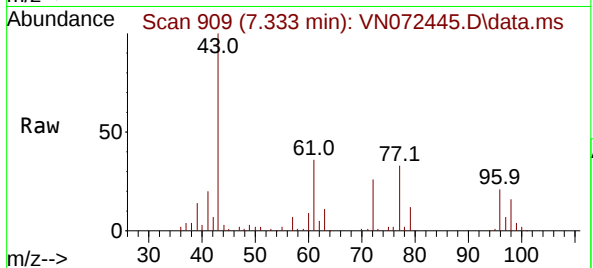
Tgt Ion: 63 Resp: 75202
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.4
 100 4.4 2.3 6.8





#25
2-Butanone
Concen: 83.101 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.005 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

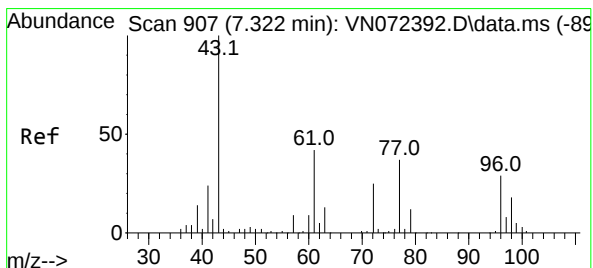
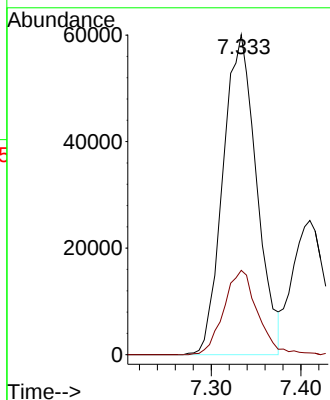
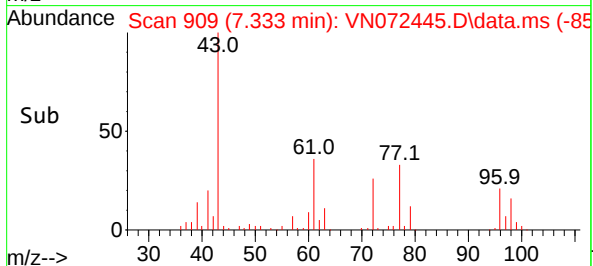
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBS01



Tgt Ion: 43 Resp: 156244
Ion Ratio Lower Upper
43 100
72 26.3 23.7 35.5

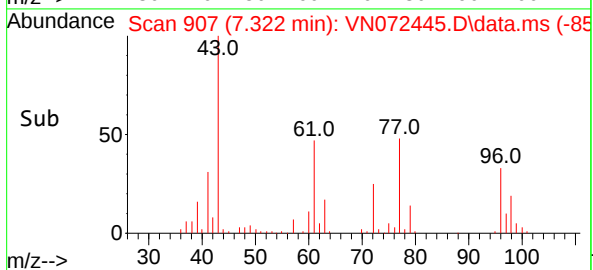
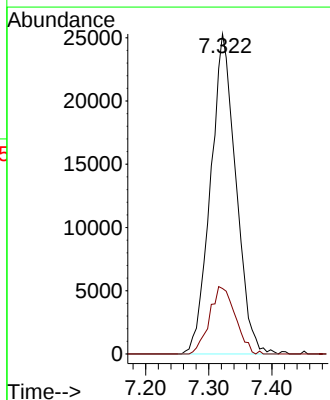
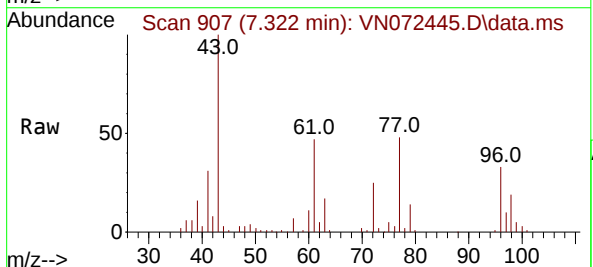
Manual Integrations
APPROVED

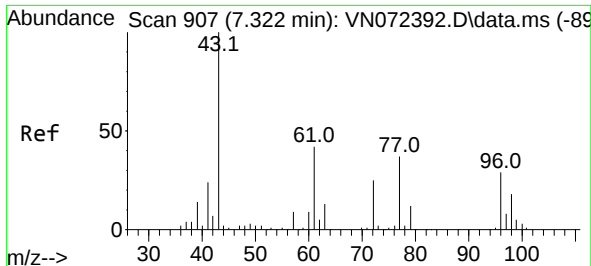
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#26
2,2-Dichloropropane
Concen: 19.907 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

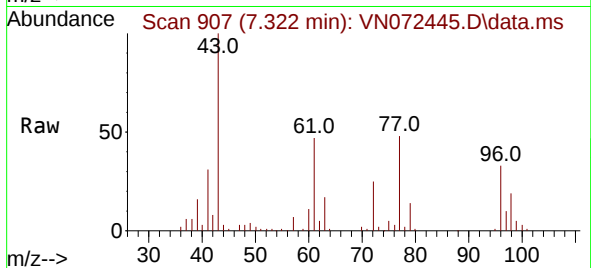
Tgt Ion: 77 Resp: 70584
Ion Ratio Lower Upper
77 100
97 21.2 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 17.758 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN072445.D
 Acq: 12 May 2022 11:55

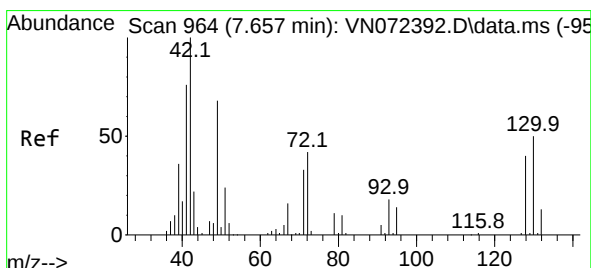
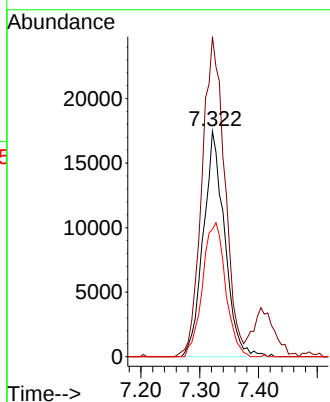
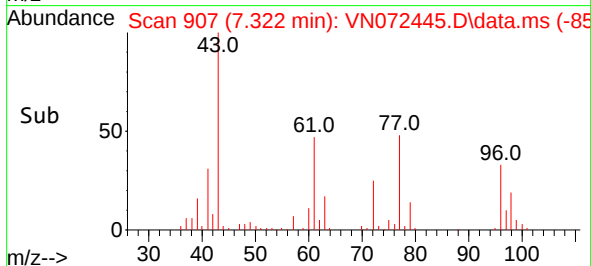
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0512WBS01



Tgt Ion: 96 Resp: 4414
 Ion Ratio Lower Upper
 96 100
 61 150.9 0.0 280.6
 98 63.8 0.0 128.4

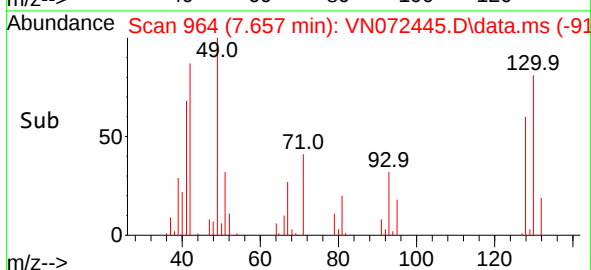
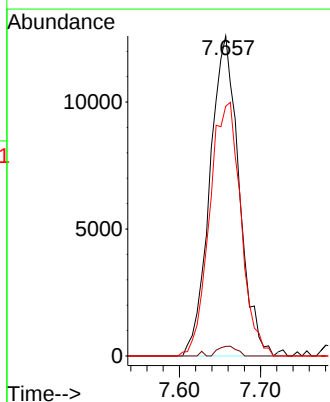
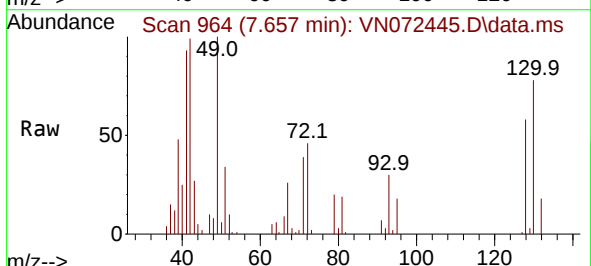
Manual Integrations
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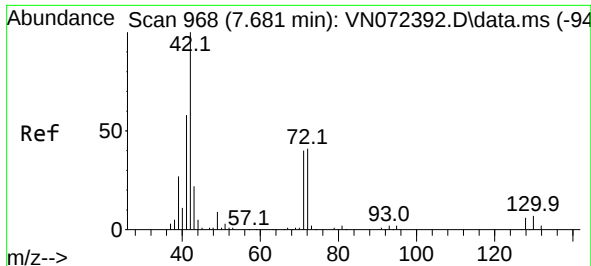
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022



#28
 Bromochloromethane
 Concen: 17.571 ug/l
 RT: 7.657 min Scan# 964
 Delta R.T. -0.000 min
 Lab File: VN072445.D
 Acq: 12 May 2022 11:55

Tgt Ion: 49 Resp: 31479
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 84.7 69.7 104.5





#29

Tetrahydrofuran

Concen: 86.164 ug/l

RT: 7.680 min Scan# 90

Delta R.T. -0.001 min

Lab File: VN072445.D

Acq: 12 May 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0512WBS01

Tgt Ion: 42 Resp: 10528

Ion Ratio Lower Upper

42 100

72 42.8 39.7 59.5

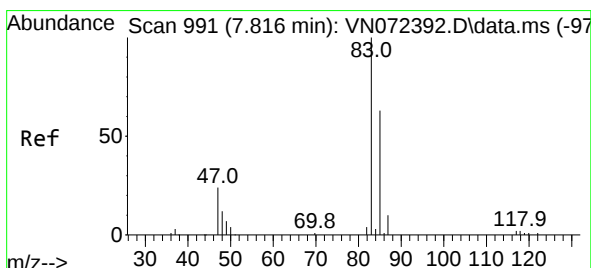
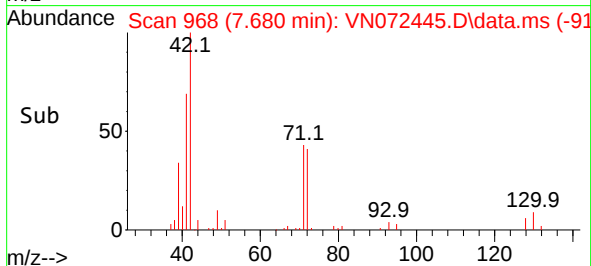
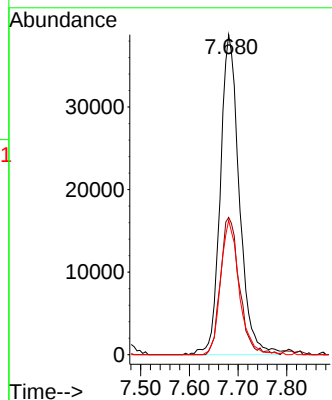
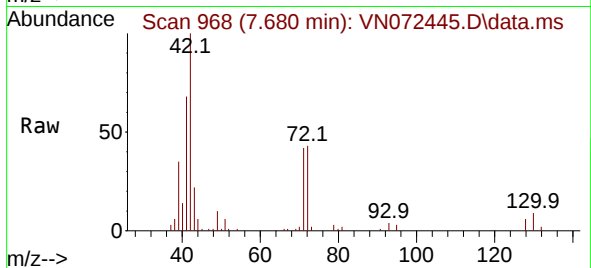
71 41.0 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#30

Chloroform

Concen: 19.484 ug/l

RT: 7.816 min Scan# 991

Delta R.T. -0.000 min

Lab File: VN072445.D

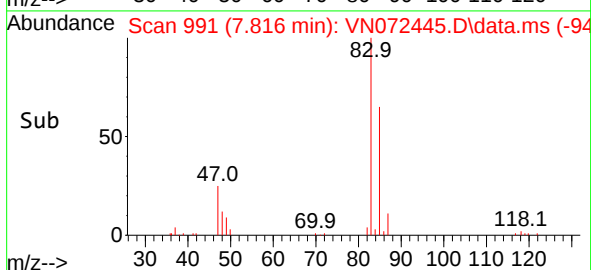
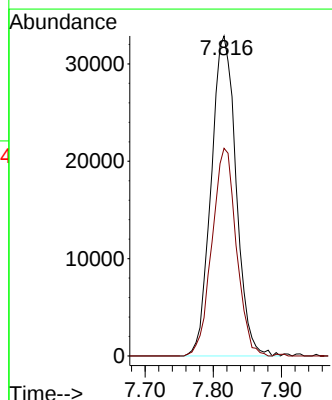
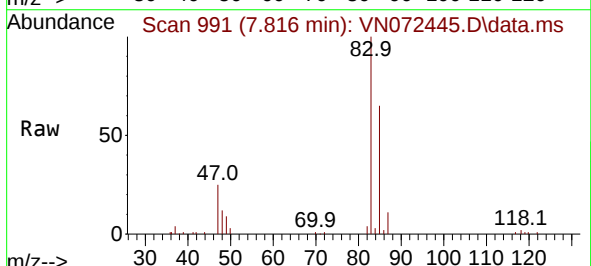
Acq: 12 May 2022 11:55

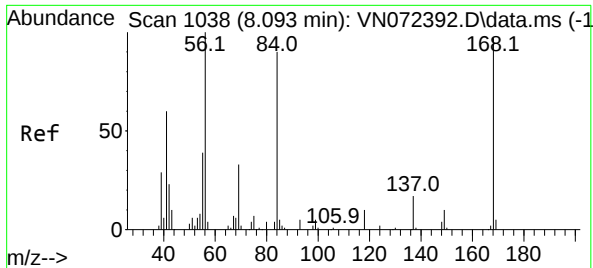
Tgt Ion: 83 Resp: 83634

Ion Ratio Lower Upper

83 100

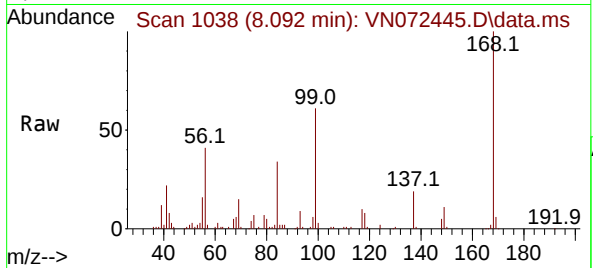
85 64.9 51.8 77.8





#31
Cyclohexane
Concen: 17.056 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.001 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

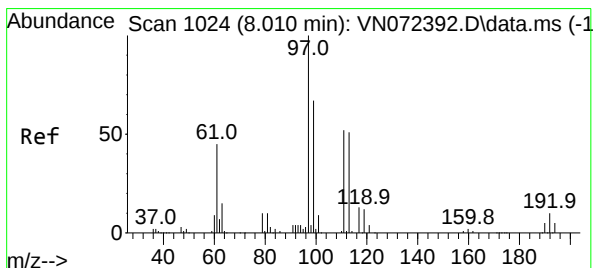
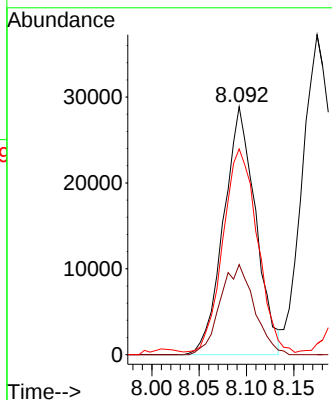
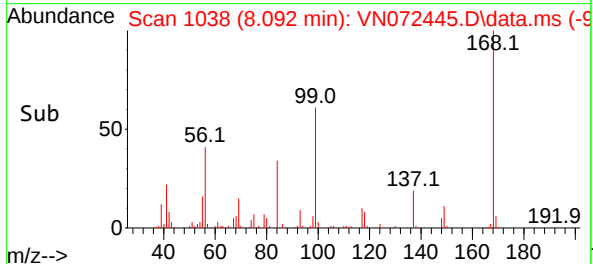
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBS01



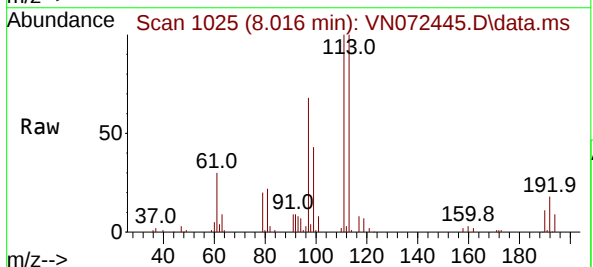
Tgt Ion: 56 Resp: 6798
Ion Ratio Lower Upper
56 100
69 36.3 27.8 41.8
84 81.5 76.9 115.3

Manual Integrations
APPROVED

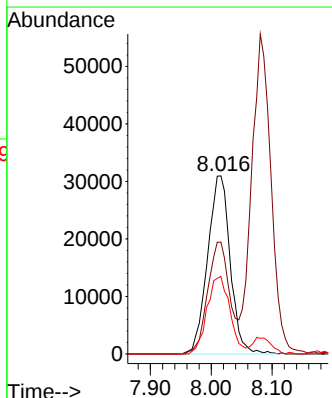
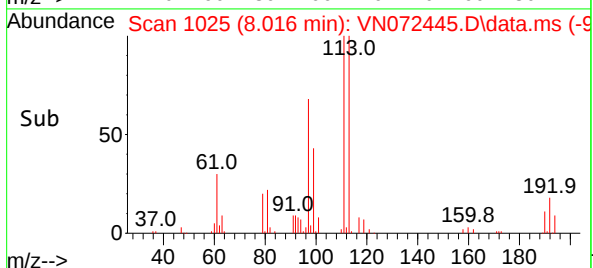
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

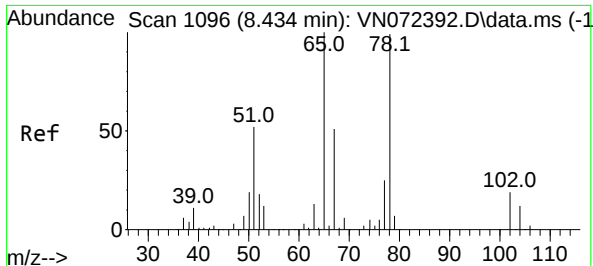


#32
1,1,1-Trichloroethane
Concen: 20.313 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55



Tgt Ion: 97 Resp: 79976
Ion Ratio Lower Upper
97 100
99 61.5 50.6 76.0
61 43.9 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 51.557 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072445.D

Acq: 12 May 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0512WBS01

Tgt Ion: 65 Resp: 155089

Ion Ratio Lower Upper

65 100

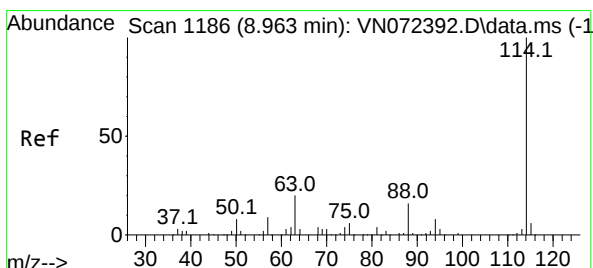
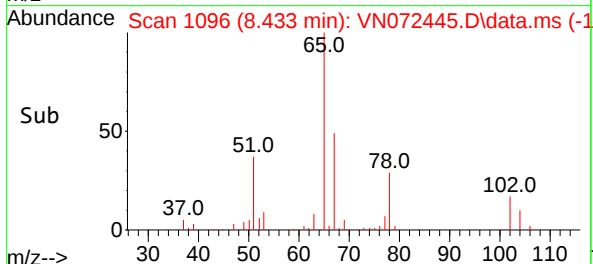
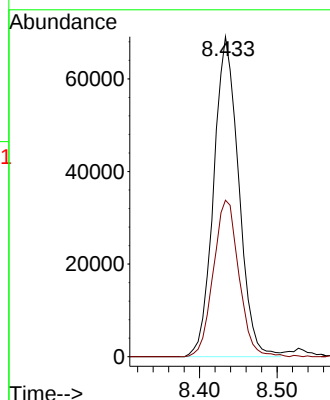
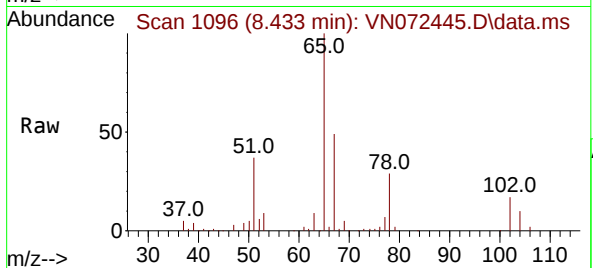
67 49.8 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072445.D

Acq: 12 May 2022 11:55

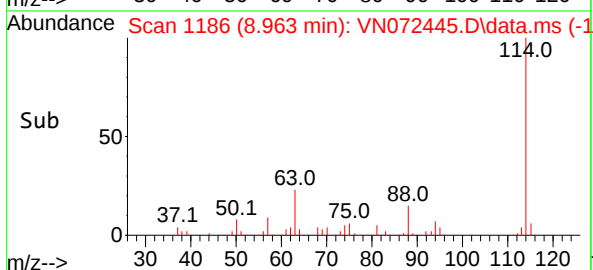
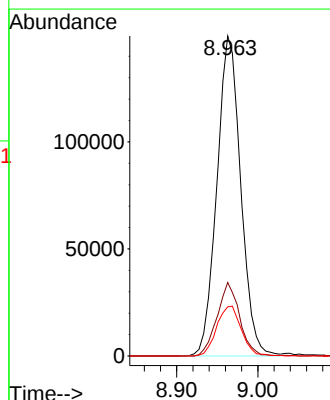
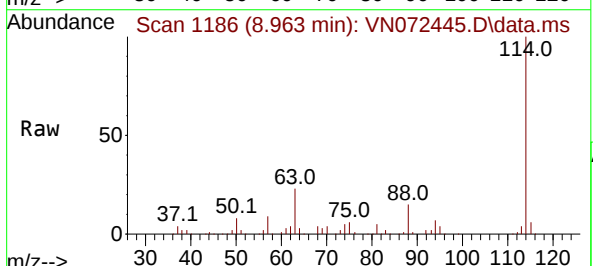
Tgt Ion:114 Resp: 305483

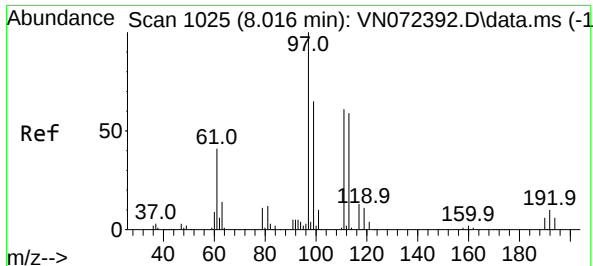
Ion Ratio Lower Upper

114 100

63 23.0 0.0 40.0

88 15.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.331 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072445.D

Acq: 12 May 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0512WBS01

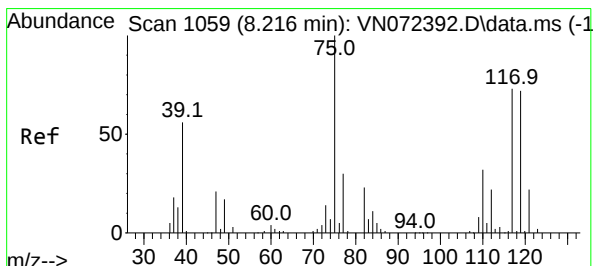
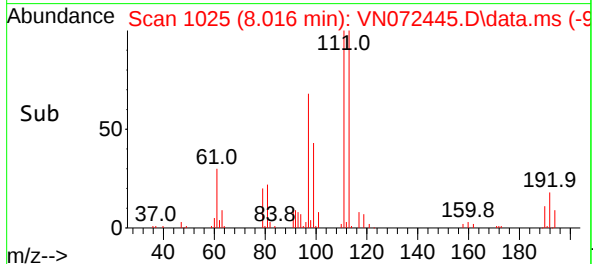
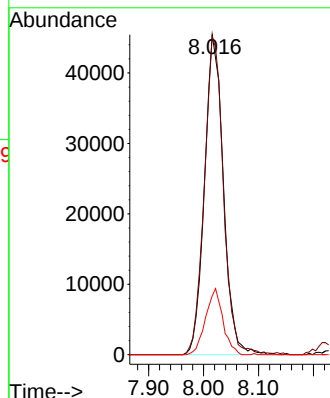
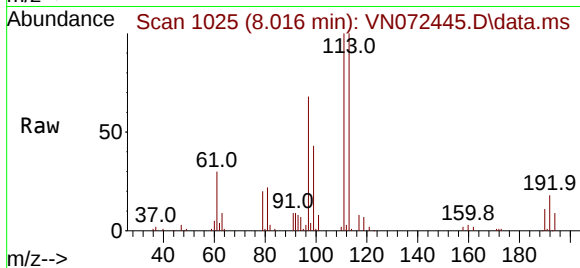
Tgt Ion:	113	Resp:	10838
Ion Ratio	Lower	Upper	
113	100		
111	100.6	81.4	122.0
192	19.0	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#36

1,1-Dichloropropene

Concen: 19.316 ug/l

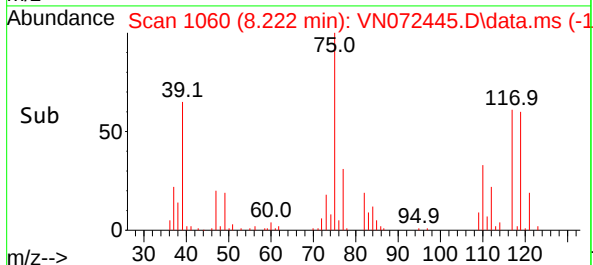
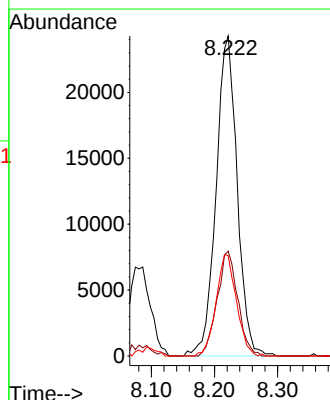
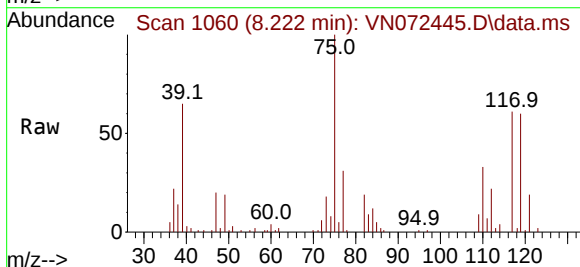
RT: 8.222 min Scan# 1060

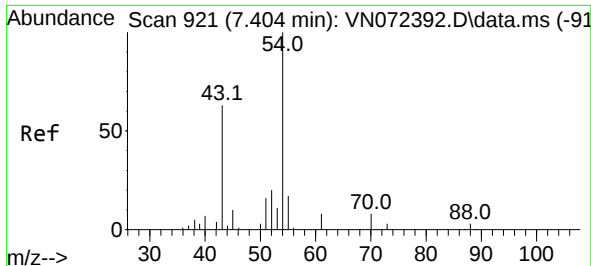
Delta R.T. 0.006 min

Lab File: VN072445.D

Acq: 12 May 2022 11:55

Tgt Ion:	75	Resp:	56385
Ion Ratio	Lower	Upper	
75	100		
110	32.0	18.3	54.8
77	30.6	25.1	37.7





#37

Ethyl Acetate

Concen: 19.173 ug/l

RT: 7.410 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN072445.D

Acq: 12 May 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0512WBS01

Tgt Ion: 43 Resp: 6714

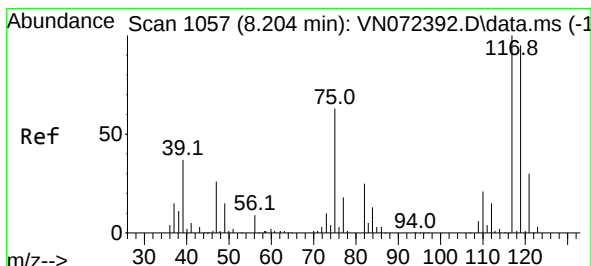
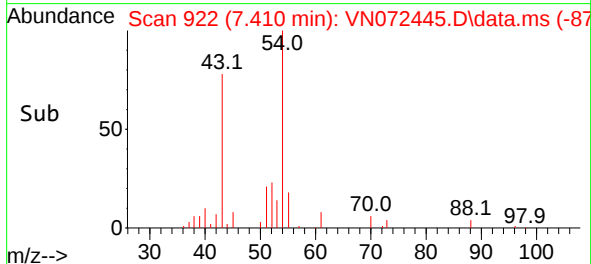
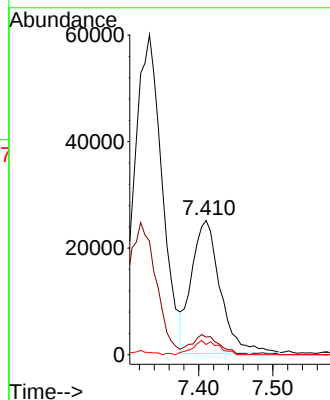
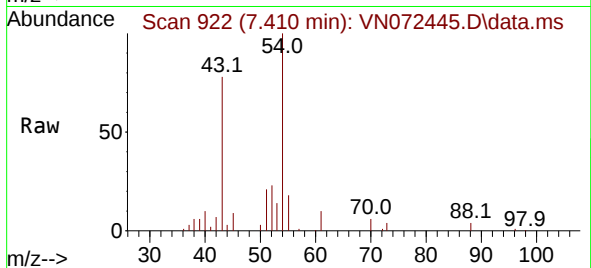
Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.8	17.6
70	9.4	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#38

Carbon Tetrachloride

Concen: 21.818 ug/l

RT: 8.204 min Scan# 1057

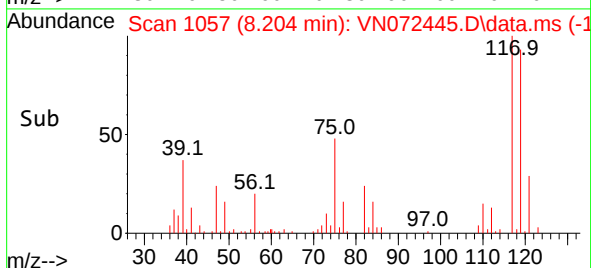
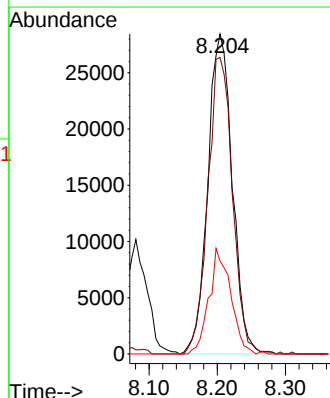
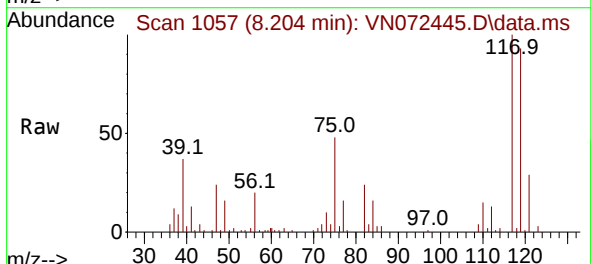
Delta R.T. -0.000 min

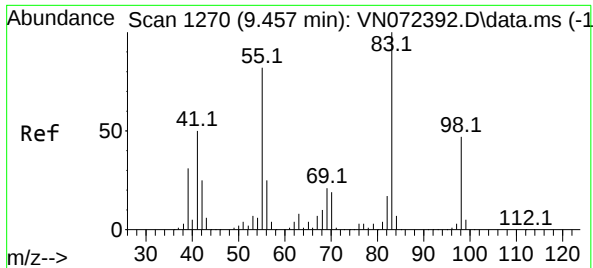
Lab File: VN072445.D

Acq: 12 May 2022 11:55

Tgt Ion: 117 Resp: 71278

Ion	Ratio	Lower	Upper
117	100		
119	92.6	75.8	113.8
121	29.1	24.6	37.0





#39

Methylcyclohexane

Concen: 19.654 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072445.D

Acq: 12 May 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0512WBS01

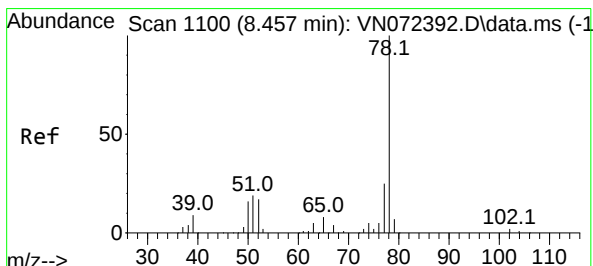
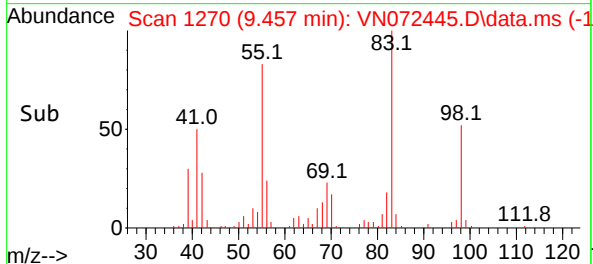
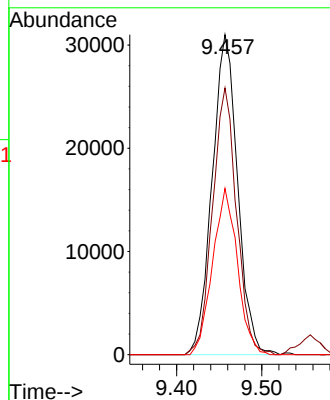
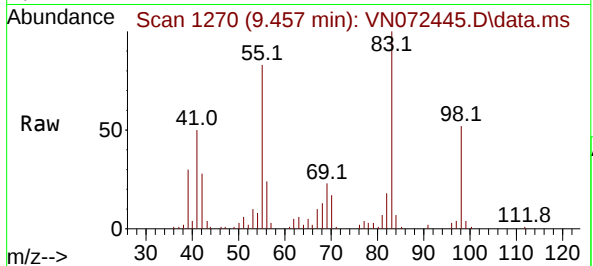
Tgt Ion: 83	Resp: 64479
Ion Ratio	Lower Upper
83	100
55	83.3 57.8 86.8
98	51.9 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#40

Benzene

Concen: 18.668 ug/l

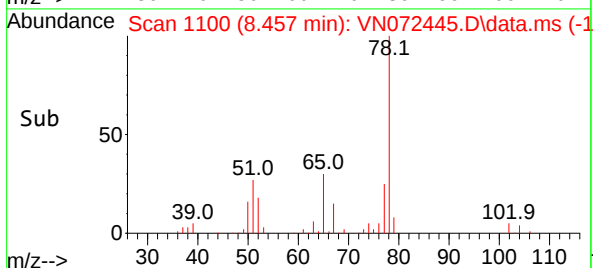
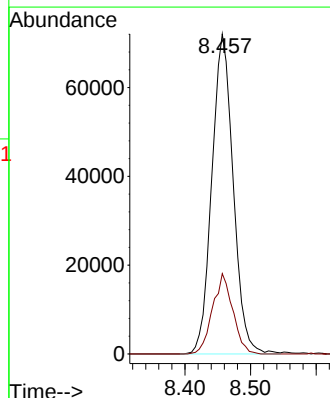
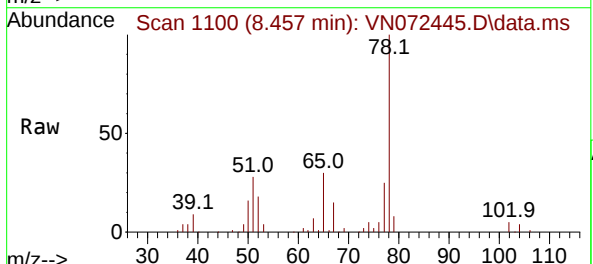
RT: 8.457 min Scan# 1100

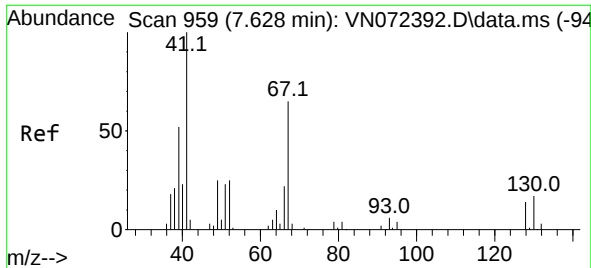
Delta R.T. -0.000 min

Lab File: VN072445.D

Acq: 12 May 2022 11:55

Tgt Ion: 78	Resp: 162788
Ion Ratio	Lower Upper
78	100
77	25.1 19.4 29.0





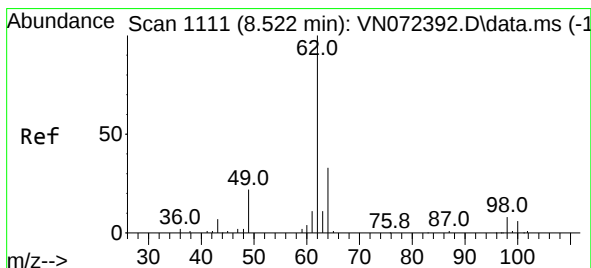
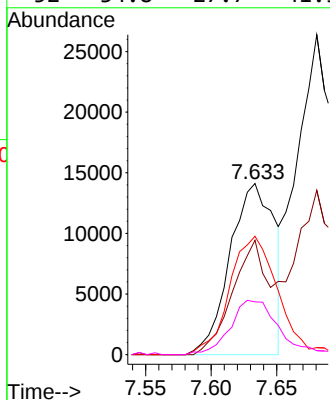
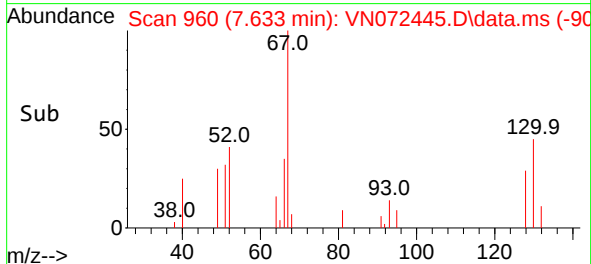
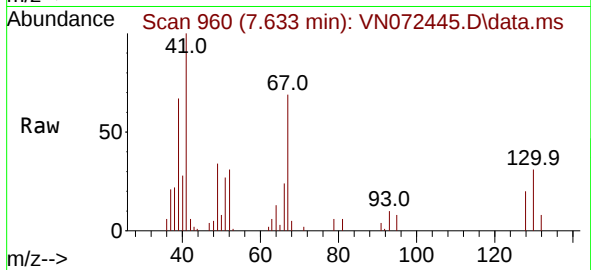
#41
Methacrylonitrile
Concen: 19.227 ug/l
RT: 7.633 min Scan# 90
Delta R.T. 0.005 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0512WBS01

Tgt Ion: 41	Resp: 3334
Ion Ratio	Lower Upper
41 100	
39 51.0	48.6 73.0
67 75.4	73.4 110.2
52 34.8	27.7 41.5

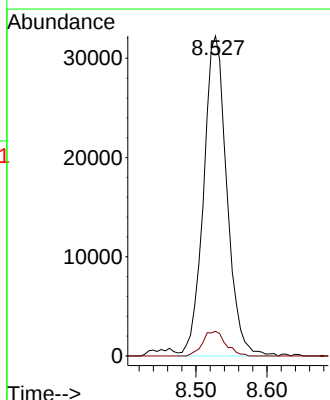
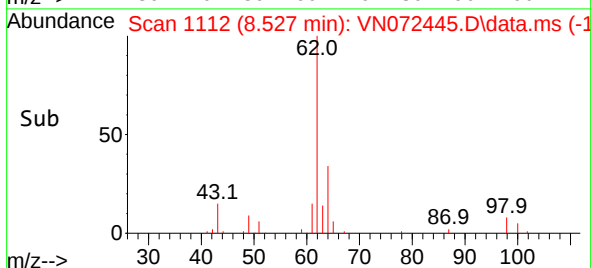
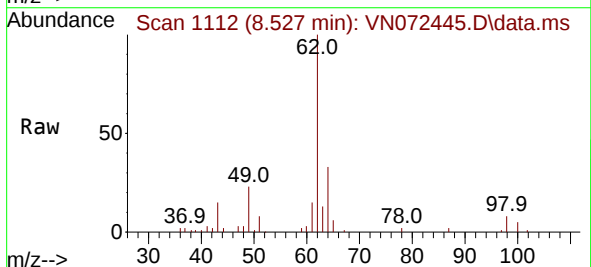
Manual Integrations
APPROVED

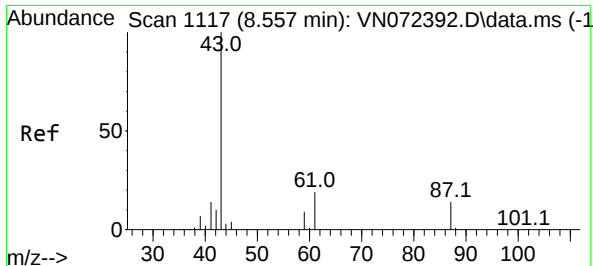
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#42
1,2-Dichloroethane
Concen: 20.934 ug/l
RT: 8.527 min Scan# 1112
Delta R.T. 0.005 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

Tgt Ion: 62	Resp: 73370
Ion Ratio	Lower Upper
62 100	
98 7.7	0.0 19.4





#43

Isopropyl Acetate

Concen: 19.084 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. -0.000 min

Lab File: VN072445.D

Acq: 12 May 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0512WBS01

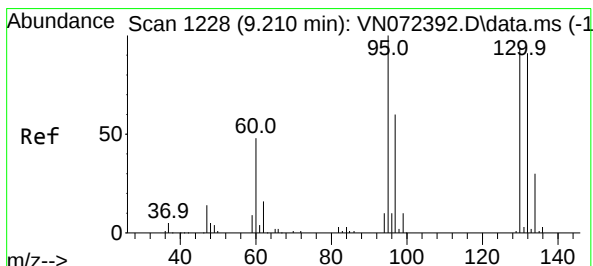
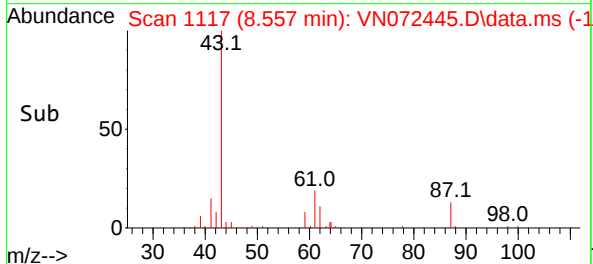
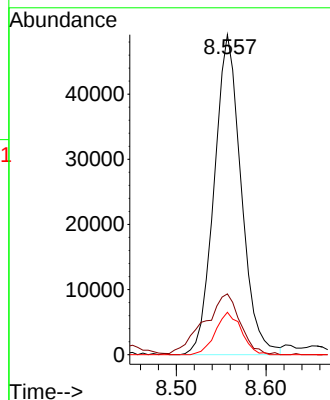
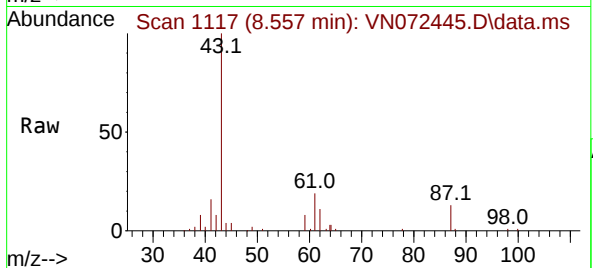
Tgt Ion: 43	Resp: 102660
Ion Ratio	Lower Upper
43 100	
61 25.3	21.9 32.9
87 12.7	12.0 18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#44

Trichloroethene

Concen: 18.827 ug/l

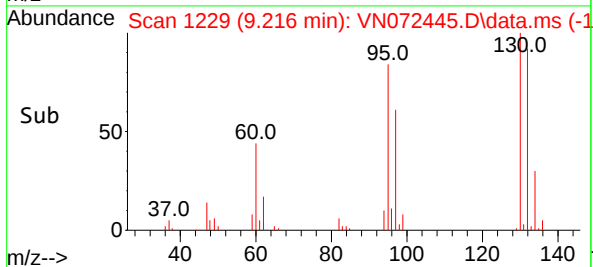
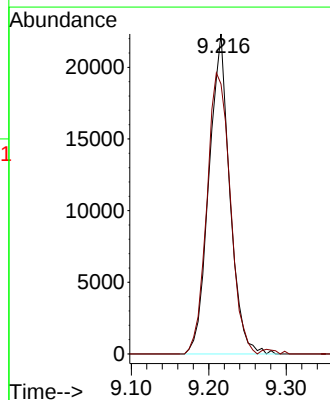
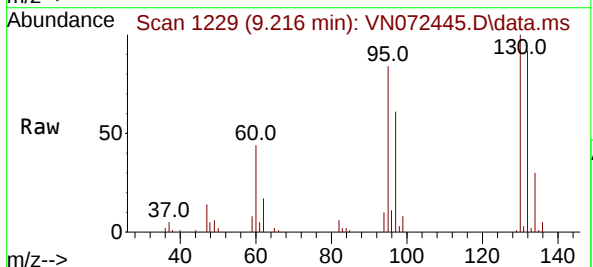
RT: 9.216 min Scan# 1229

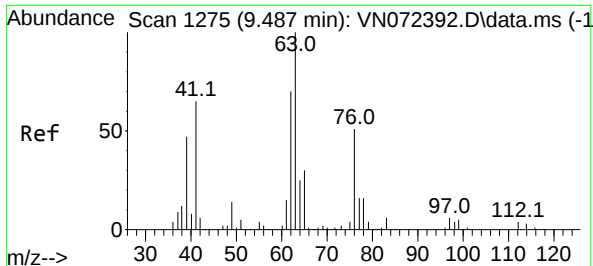
Delta R.T. 0.006 min

Lab File: VN072445.D

Acq: 12 May 2022 11:55

Tgt Ion:130	Resp: 41676
Ion Ratio	Lower Upper
130 100	
95 84.3	0.0 186.8





#45

1,2-Dichloropropane

Concen: 18.559 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. -0.001 min

Lab File: VN072445.D

Acq: 12 May 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0512WBS01

Tgt Ion: 63 Resp: 4133

Ion Ratio Lower Upper

63 100

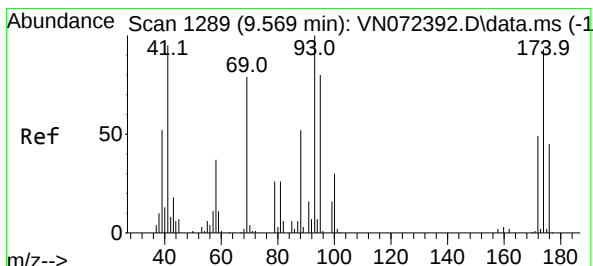
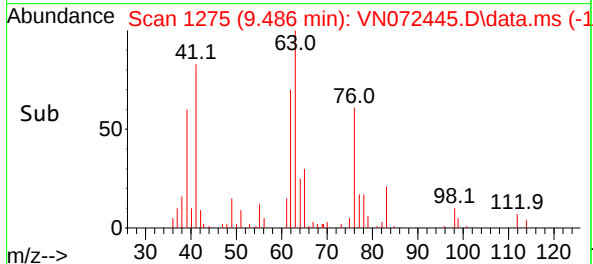
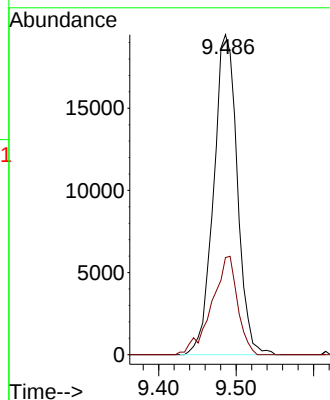
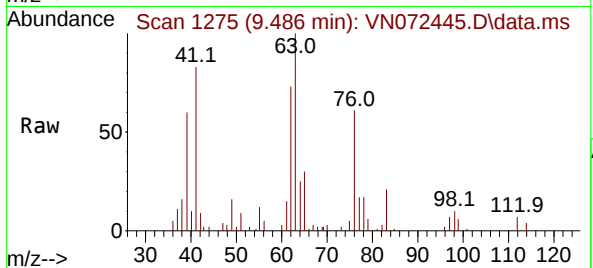
65 30.3 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#46

Dibromomethane

Concen: 19.401 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.000 min

Lab File: VN072445.D

Acq: 12 May 2022 11:55

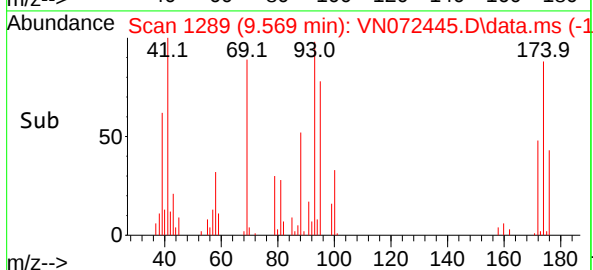
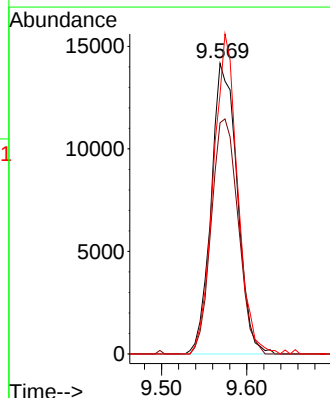
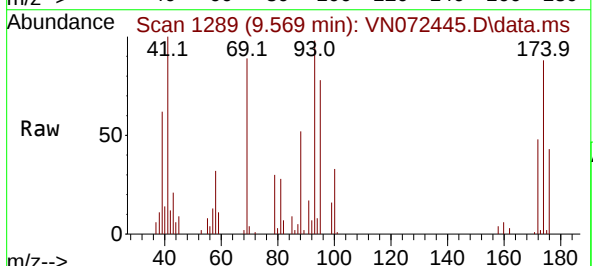
Tgt Ion: 93 Resp: 30084

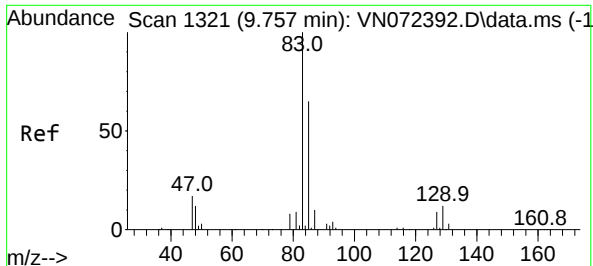
Ion Ratio Lower Upper

93 100

95 83.0 66.9 100.3

174 102.2 86.6 130.0





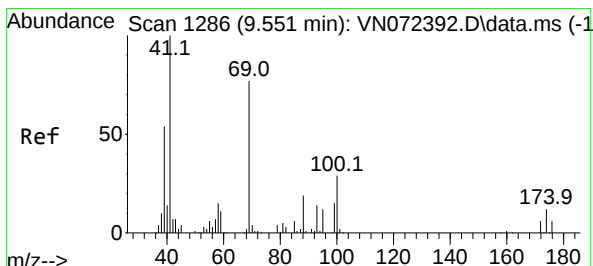
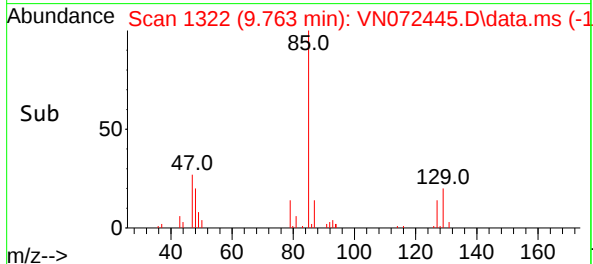
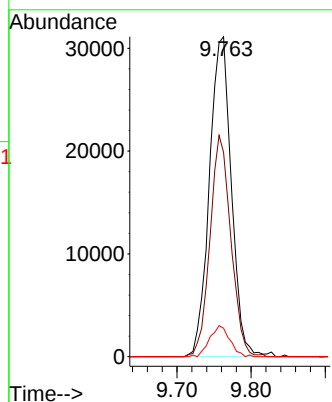
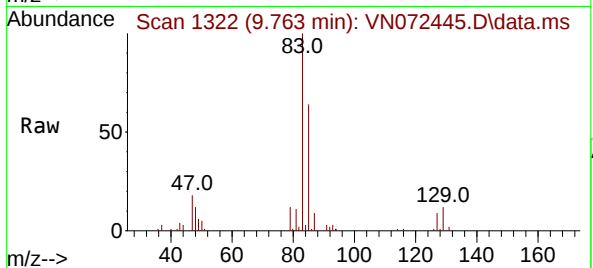
#47
Bromodichloromethane
Concen: 20.300 ug/l
RT: 9.763 min Scan# 1321
Delta R.T. 0.006 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0512WBS01

Tgt Ion: 83 Resp: 64172
Ion Ratio Lower Upper
83 100
85 63.9 50.5 75.7
127 8.9 6.8 10.2

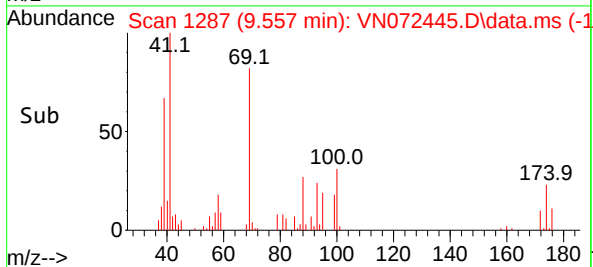
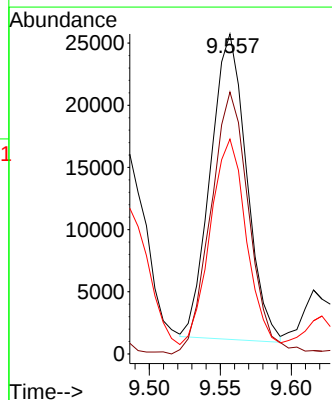
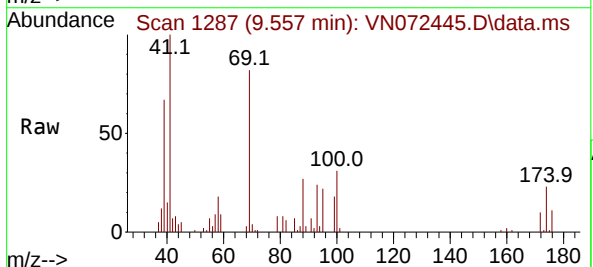
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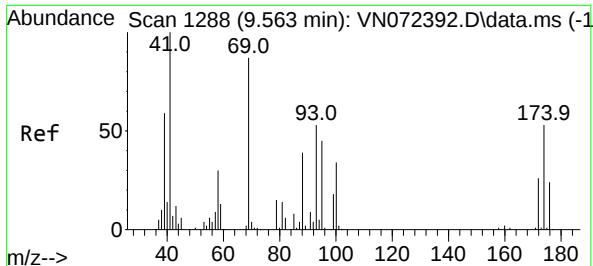
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#48
Methyl methacrylate
Concen: 17.276 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

Tgt Ion: 41 Resp: 43359
Ion Ratio Lower Upper
41 100
69 92.3 74.7 112.1
39 73.9 45.6 68.4#





#49

1,4-Dioxane

Concen: 413.113 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. -0.000 min

Lab File: VN072445.D

Acq: 12 May 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0512WBS01

Tgt Ion: 88 Resp: 1768

Ion Ratio Lower Upper

88 100

43 33.2 20.2 30.4

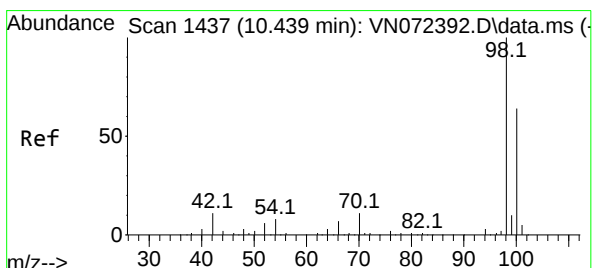
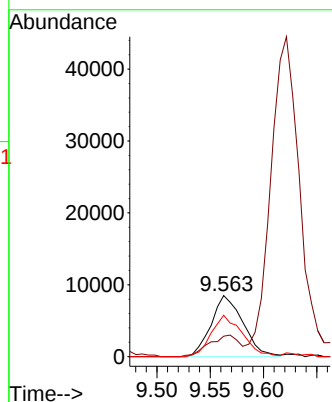
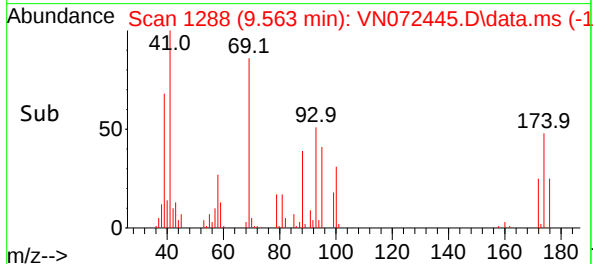
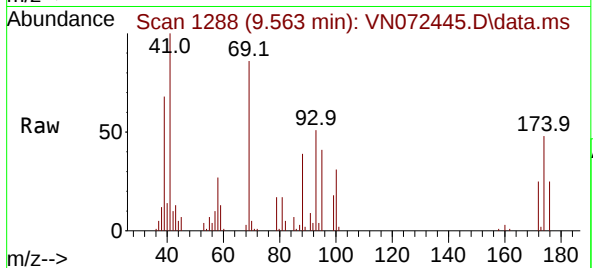
58 66.2 54.2 81.4

Manual Integrations

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Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#50

Toluene-d8

Concen: 51.963 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072445.D

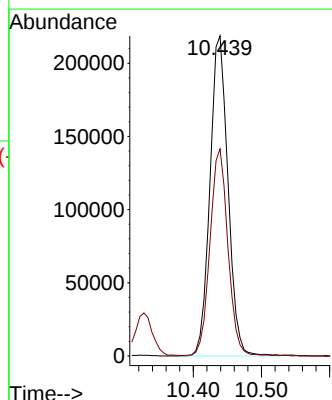
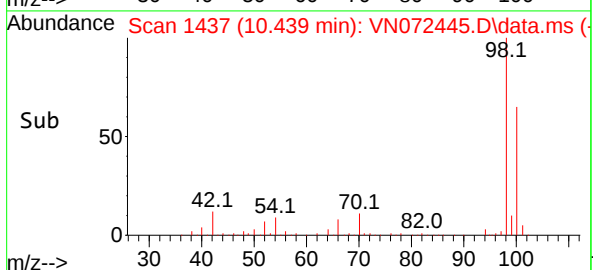
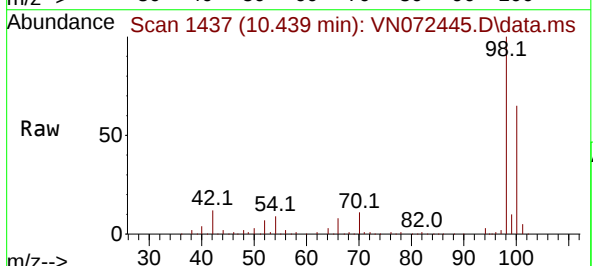
Acq: 12 May 2022 11:55

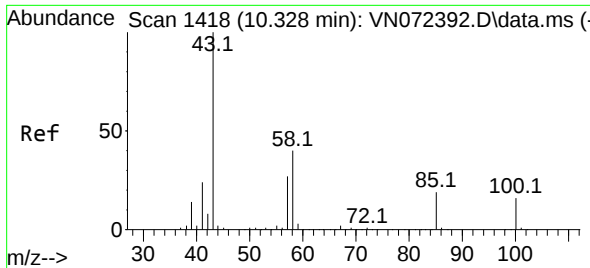
Tgt Ion: 98 Resp: 402208

Ion Ratio Lower Upper

98 100

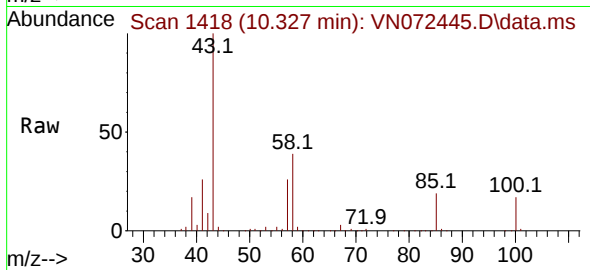
100 64.6 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 95.871 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

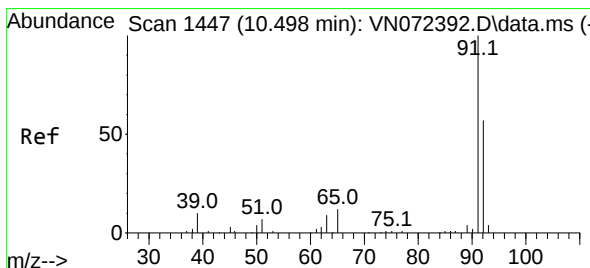
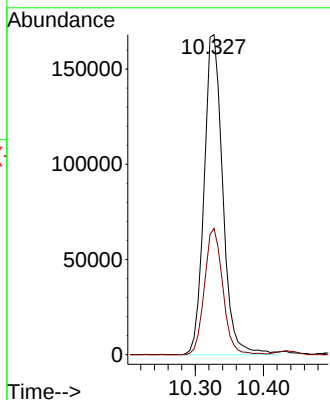
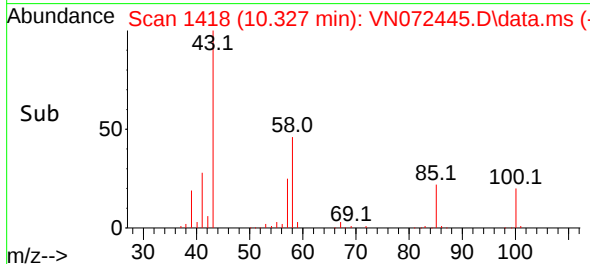
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBS01



Tgt Ion: 43 Resp: 32024
Ion Ratio Lower Upper
43 100
58 38.9 34.1 51.1

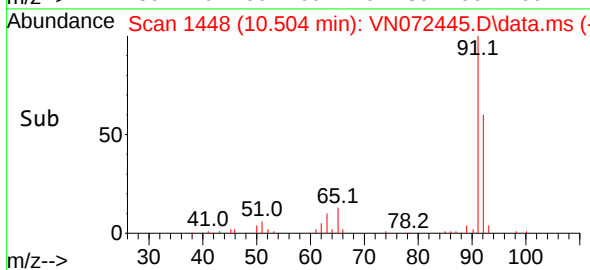
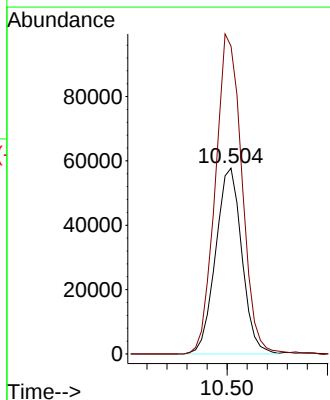
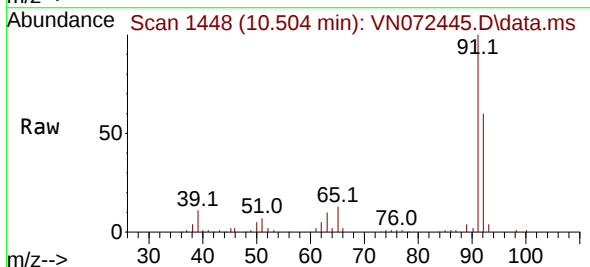
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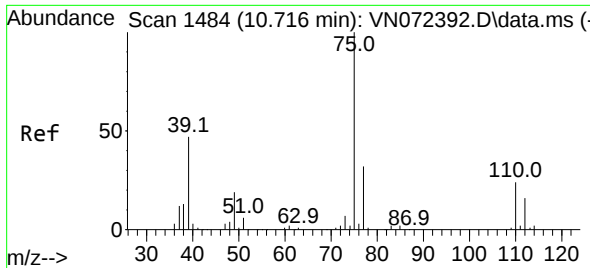
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#52
Toluene
Concen: 19.484 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

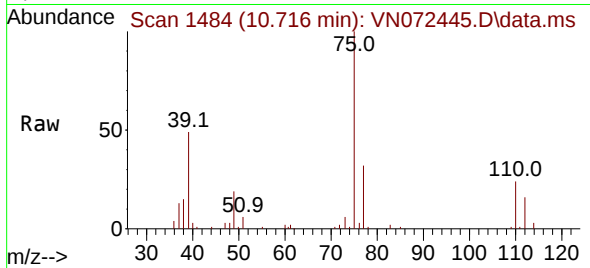
Tgt Ion: 92 Resp: 104764
Ion Ratio Lower Upper
92 100
91 174.8 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 19.788 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

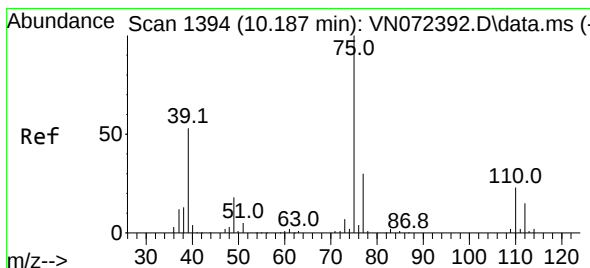
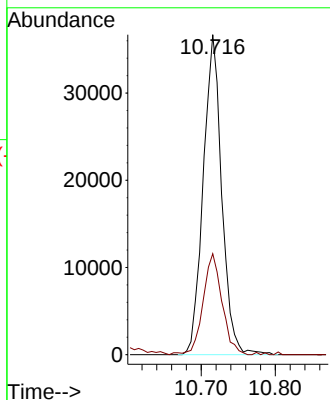
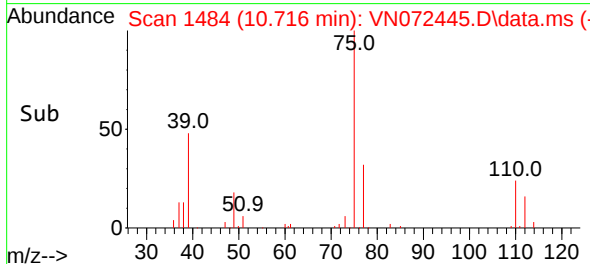
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBS01



Tgt Ion: 75 Resp: 63672
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4

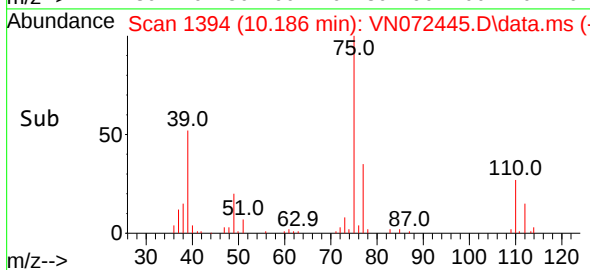
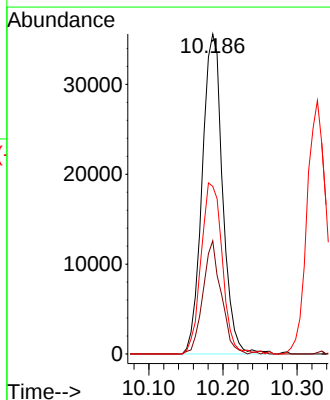
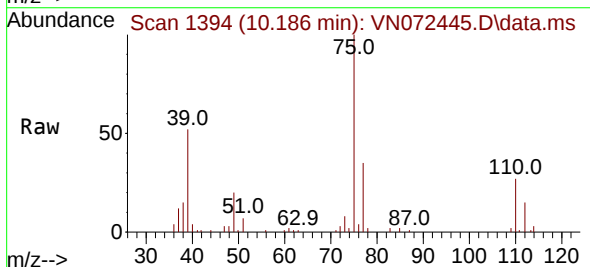
Manual Integrations
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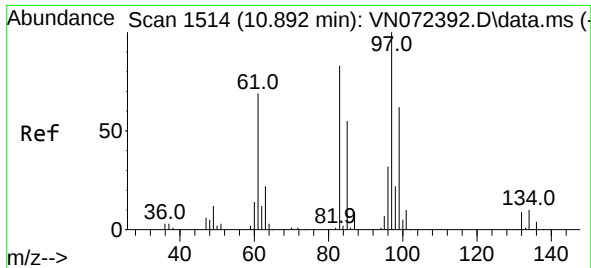
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#54
cis-1,3-Dichloropropene
Concen: 19.869 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. -0.001 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

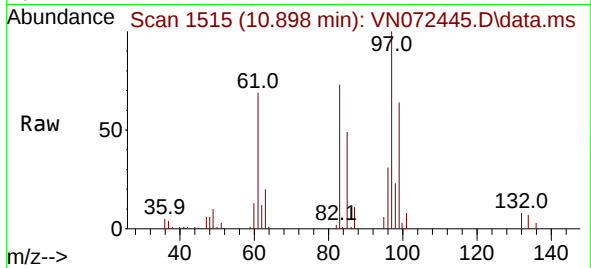
Tgt Ion: 75 Resp: 68212
Ion Ratio Lower Upper
75 100
77 35.4 25.2 37.8
39 52.3 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 19.103 ug/l
RT: 10.898 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0512WBS01

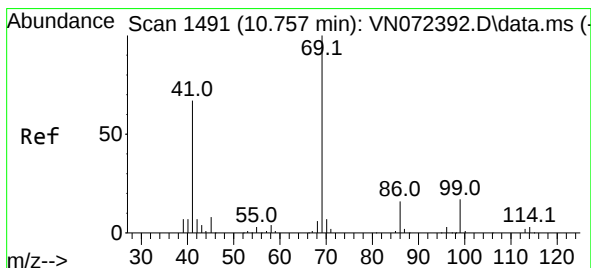
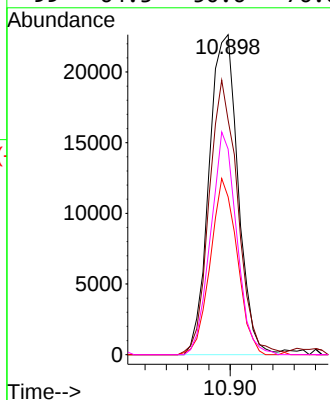
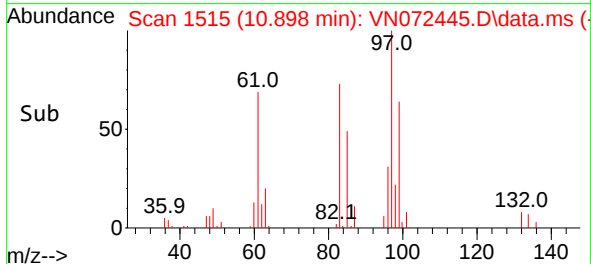


Tgt Ion: 97 Resp: 42790

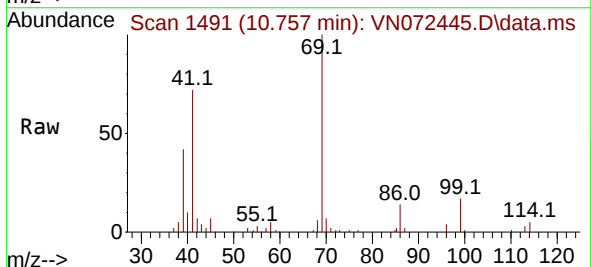
Ion	Ratio	Lower	Upper
97	100		
83	73.3	66.2	99.4
85	49.3	43.9	65.9
99	64.3	50.6	76.0

Manual Integrations
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Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

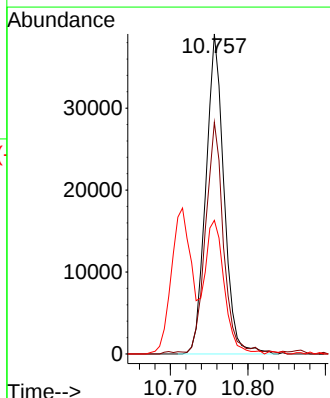
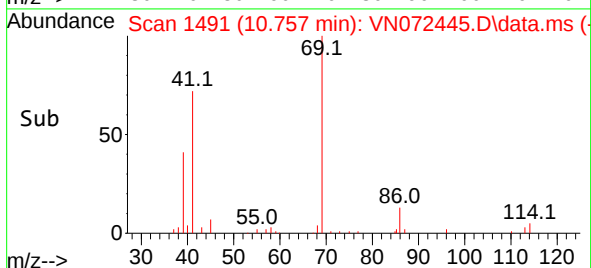


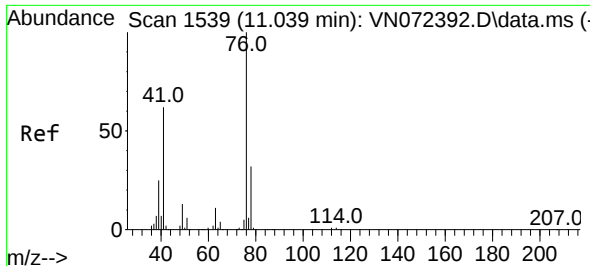
#56
Ethyl methacrylate
Concen: 19.759 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55



Tgt Ion: 69 Resp: 63434

Ion	Ratio	Lower	Upper
69	100		
41	70.5	47.8	71.6
39	45.9	27.3	40.9





#57

1,3-Dichloropropane

Concen: 19.712 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN072445.D

Acq: 12 May 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0512WBS01

Tgt Ion: 76 Resp: 75190

Ion Ratio Lower Upper

76 100

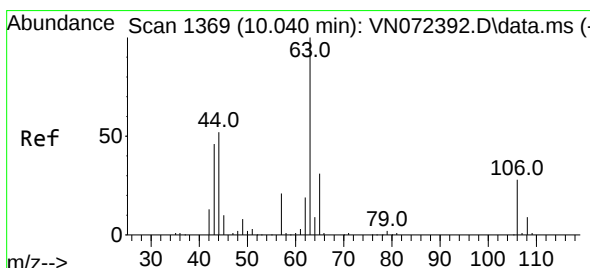
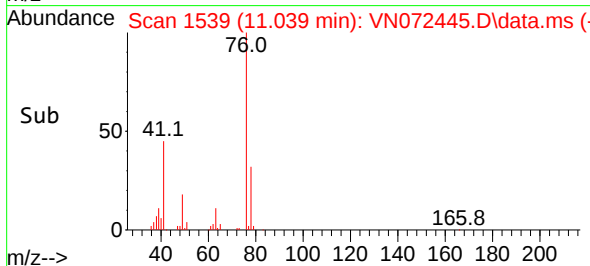
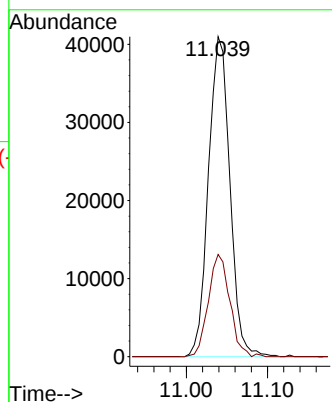
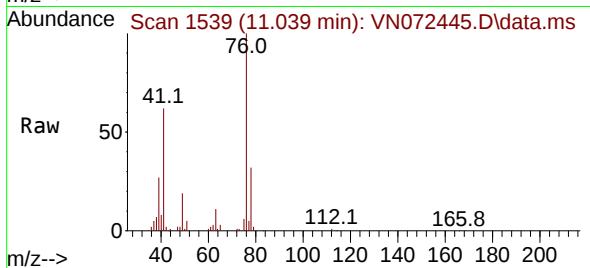
78 32.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#58

2-Chloroethyl Vinyl ether

Concen: 110.068 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. -0.001 min

Lab File: VN072445.D

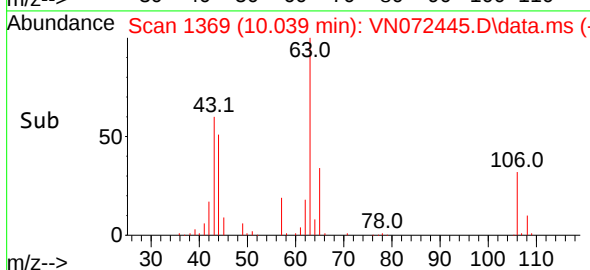
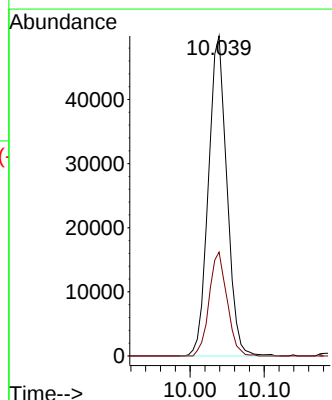
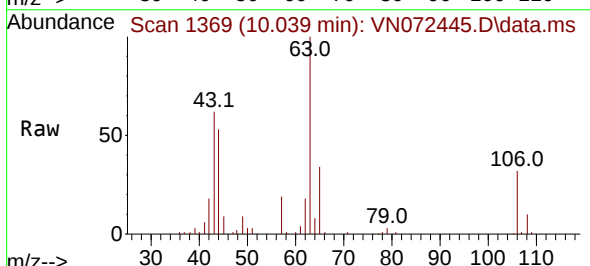
Acq: 12 May 2022 11:55

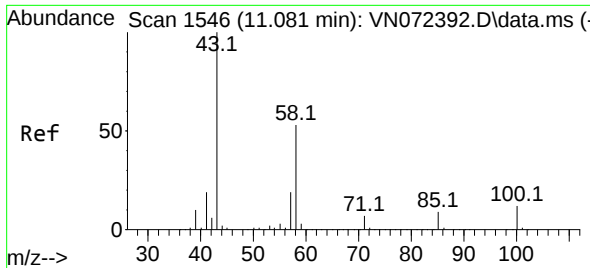
Tgt Ion: 63 Resp: 86471

Ion Ratio Lower Upper

63 100

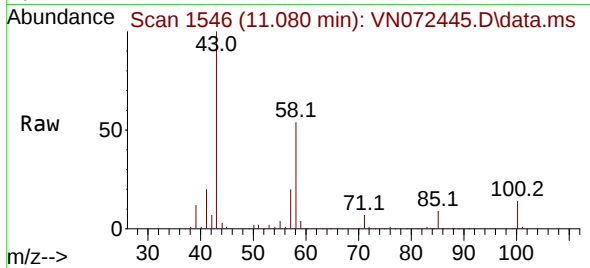
106 31.5 24.6 36.8





#59
2-Hexanone
Concen: 97.738 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

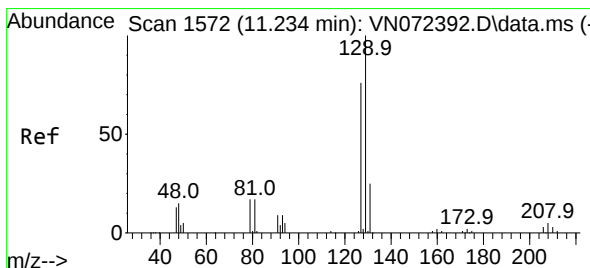
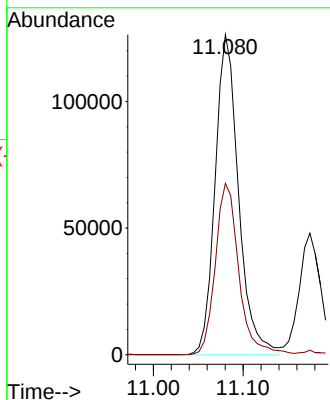
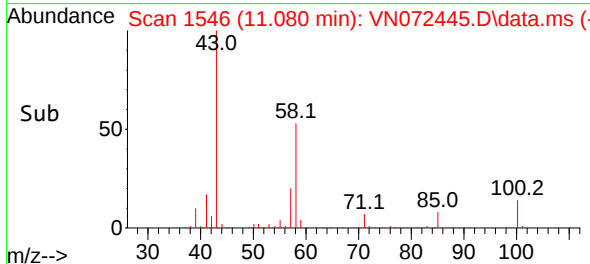
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBS01



Tgt Ion: 43 Resp: 22892
Ion Ratio Lower Upper
43 100
58 53.7 29.7 89.1

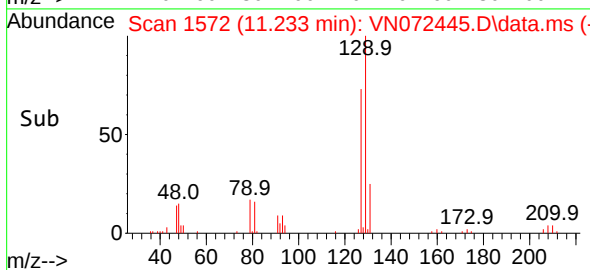
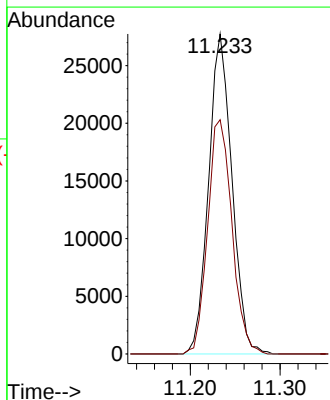
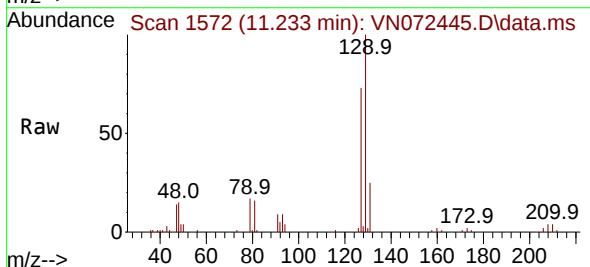
Manual Integrations
APPROVED

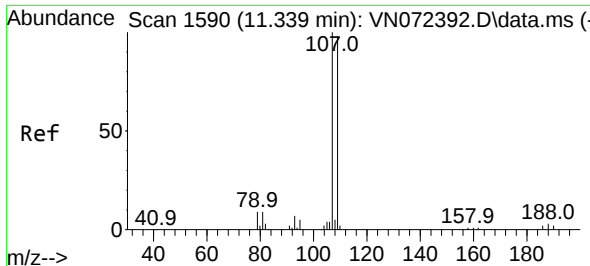
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#60
Dibromochloromethane
Concen: 21.058 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.001 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

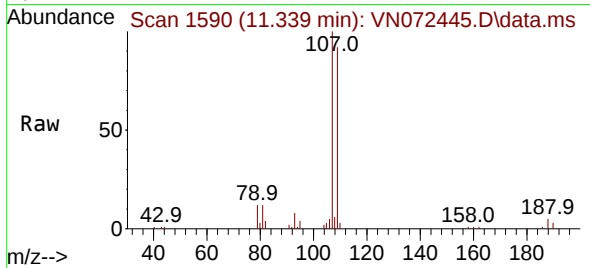
Tgt Ion:129 Resp: 50107
Ion Ratio Lower Upper
129 100
127 76.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.657 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

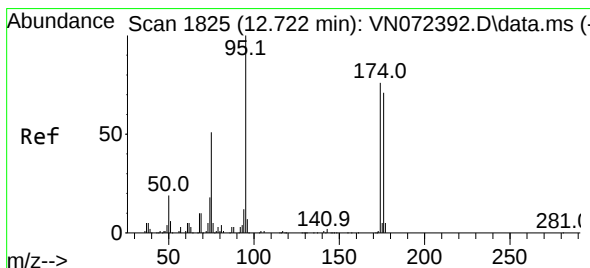
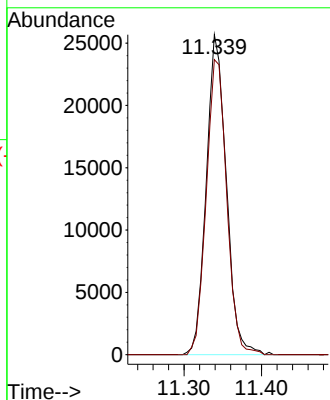
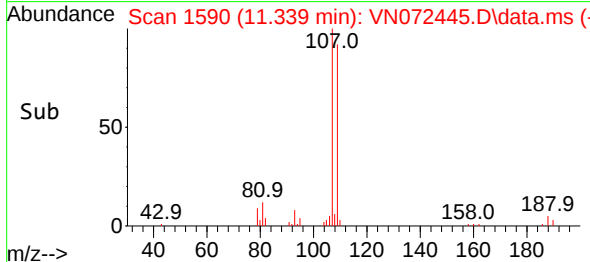
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBS01



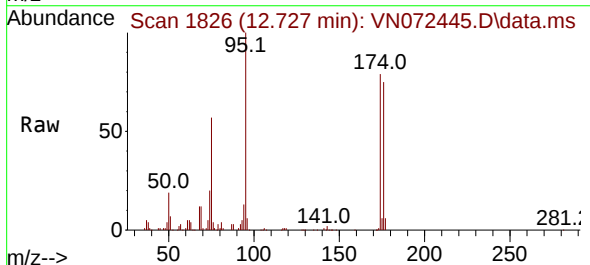
Tgt Ion:107 Resp: 4611
Ion Ratio Lower Upper
107 100
109 94.0 75.0 112.6

Manual Integrations
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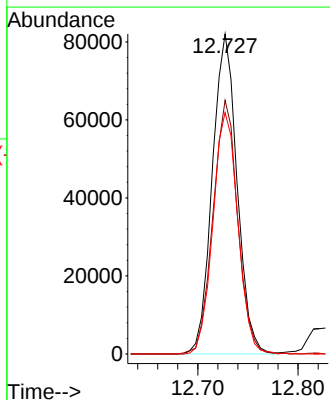
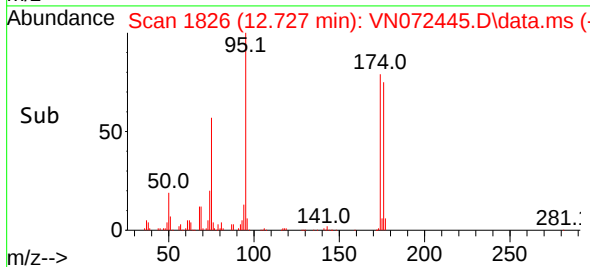
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

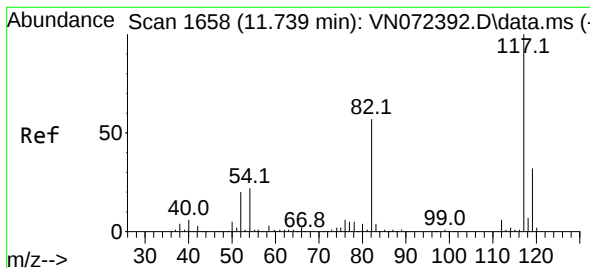


#62
4-Bromofluorobenzene
Concen: 54.620 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55



Tgt Ion: 95 Resp: 140405
Ion Ratio Lower Upper
95 100
174 79.1 0.0 167.6
176 76.0 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.739 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072445.D

Acq: 12 May 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0512WBS01

Tgt Ion:117 Resp: 27965

Ion Ratio Lower Upper

117 100

82 57.8 44.2 66.2

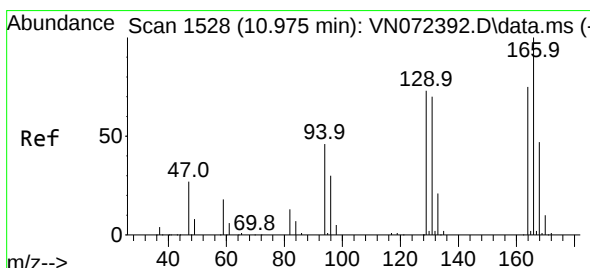
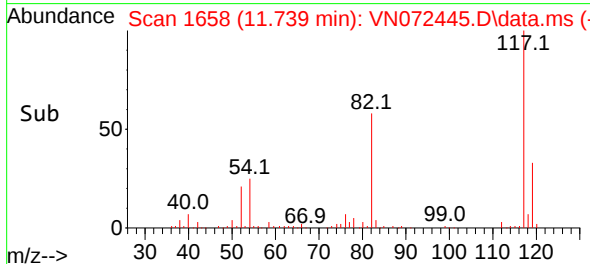
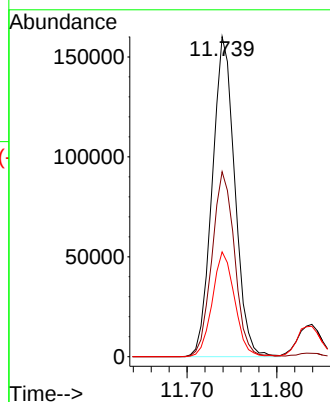
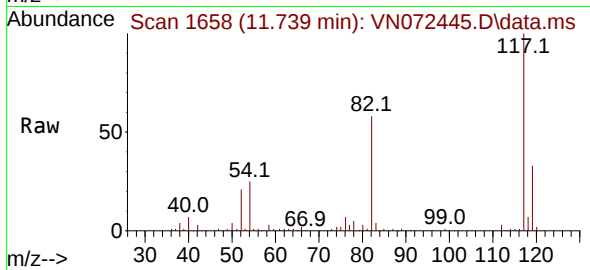
119 32.8 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#64

Tetrachloroethene

Concen: 20.037 ug/l

RT: 10.974 min Scan# 1528

Delta R.T. -0.001 min

Lab File: VN072445.D

Acq: 12 May 2022 11:55

Tgt Ion:164 Resp: 40332

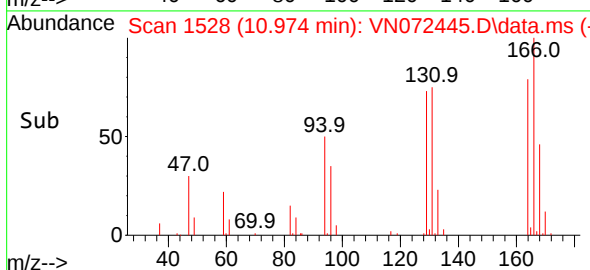
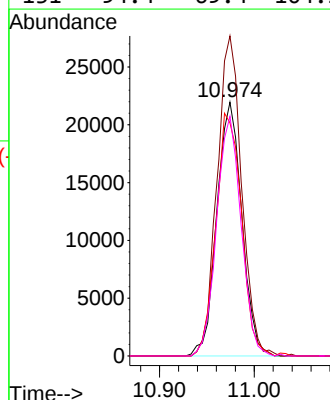
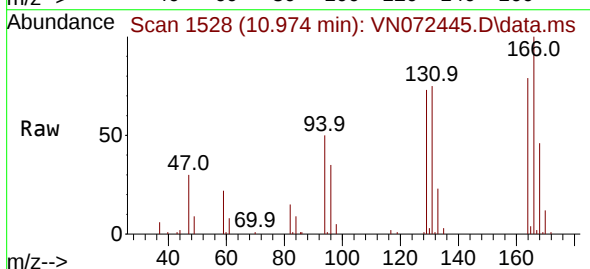
Ion Ratio Lower Upper

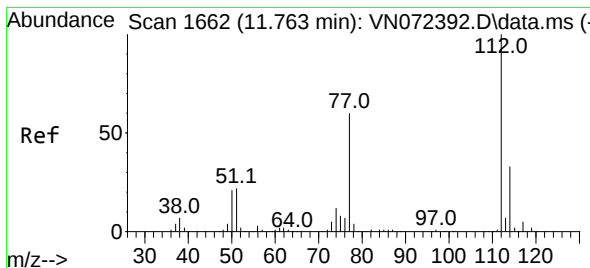
164 100

166 126.1 104.2 156.2

129 91.9 73.9 110.9

131 94.4 69.4 104.2





#65

Chlorobenzene

Concen: 19.449 ug/l

RT: 11.768 min Scan# 1663

Delta R.T. 0.005 min

Lab File: VN072445.D

Acq: 12 May 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0512WBS01

Tgt Ion:112 Resp: 11112

Ion Ratio Lower Upper

112 100

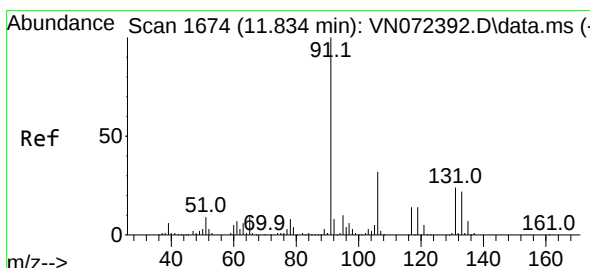
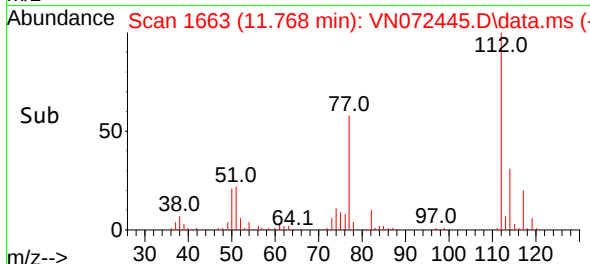
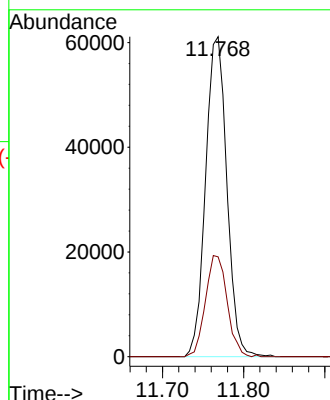
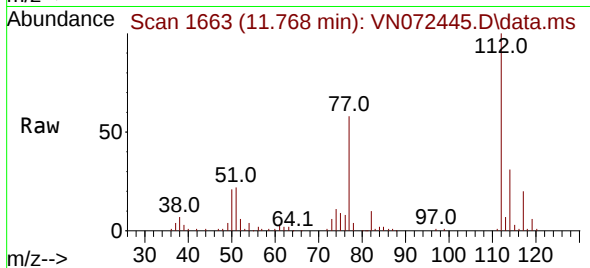
114 31.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#66

1,1,1,2-Tetrachloroethane

Concen: 20.134 ug/l

RT: 11.839 min Scan# 1675

Delta R.T. 0.005 min

Lab File: VN072445.D

Acq: 12 May 2022 11:55

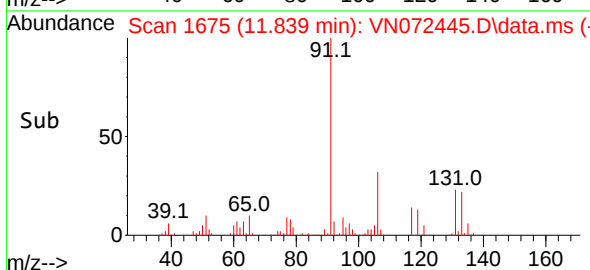
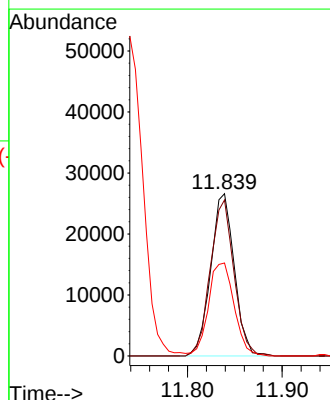
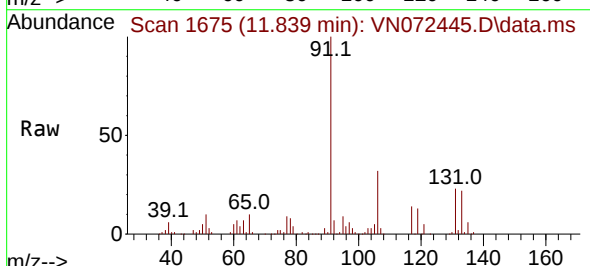
Tgt Ion:131 Resp: 46043

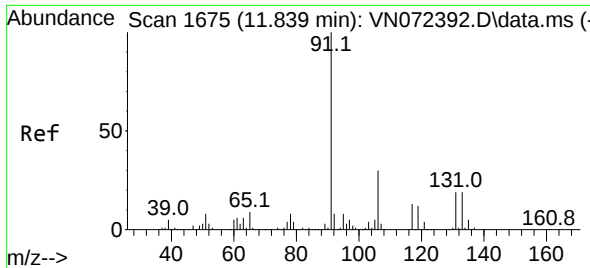
Ion Ratio Lower Upper

131 100

133 96.5 47.8 143.4

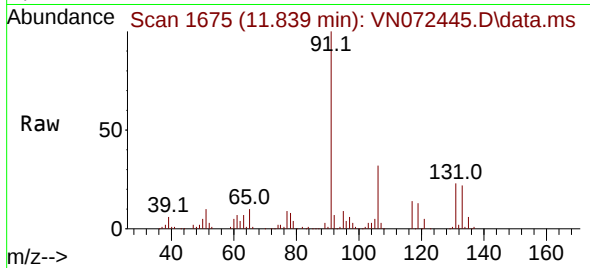
119 62.4 33.4 100.2





#67
Ethyl Benzene
Concen: 20.034 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

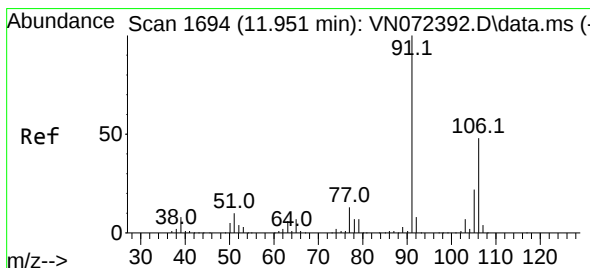
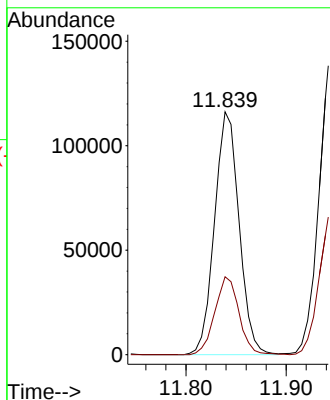
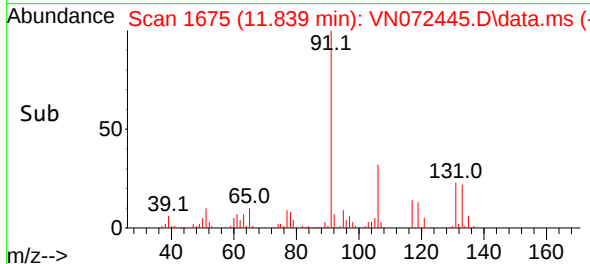
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBS01



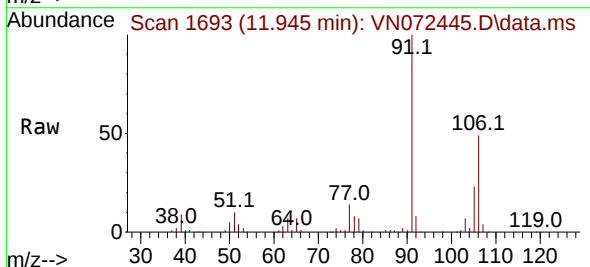
Tgt Ion: 91 Resp: 19749
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3

Manual Integrations
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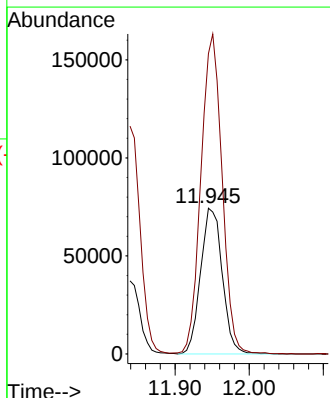
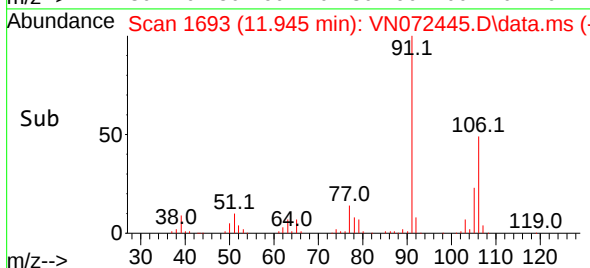
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

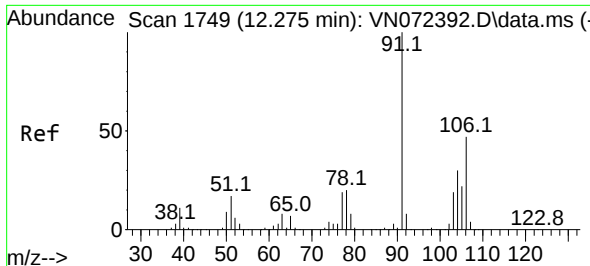


#68
m/p-Xylenes
Concen: 40.462 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55



Tgt Ion:106 Resp: 151279
Ion Ratio Lower Upper
106 100
91 214.2 158.9 238.3





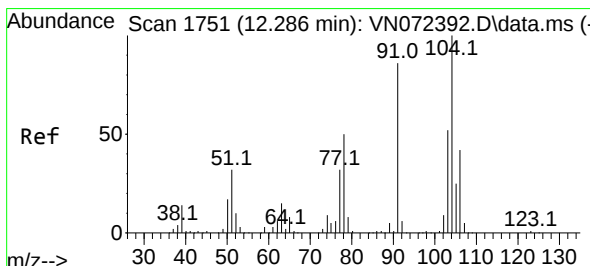
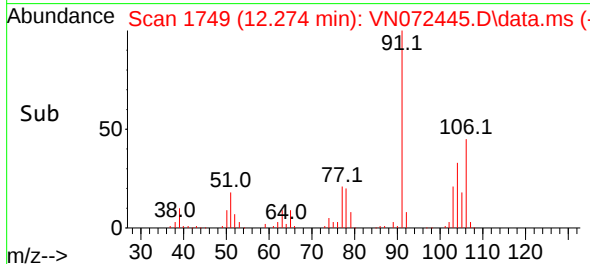
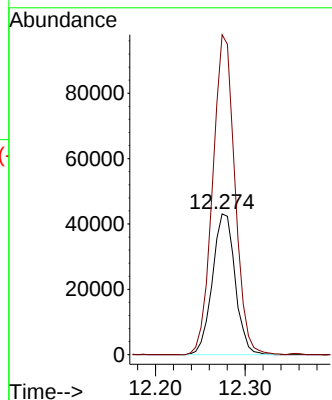
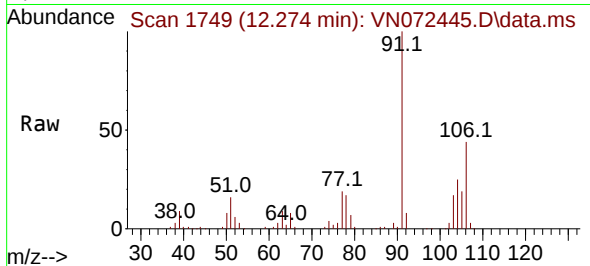
#69
o-Xylene
Concen: 20.602 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0512WBS01

Tgt Ion:106 Resp: 75680
Ion Ratio Lower Upper
106 100
91 222.5 106.0 318.0

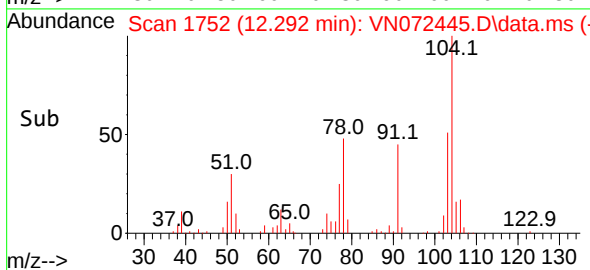
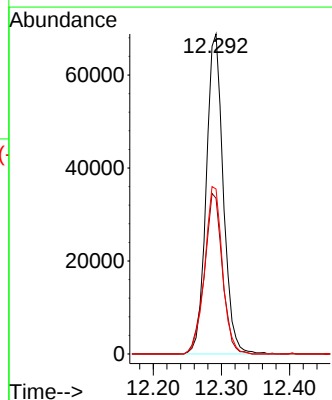
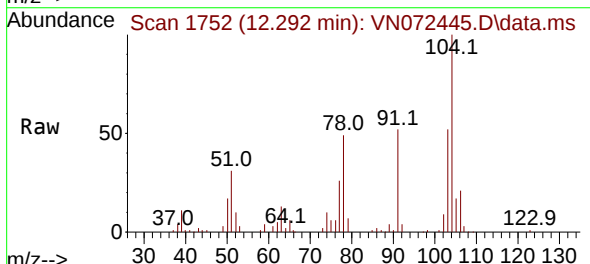
Manual Integrations
APPROVED

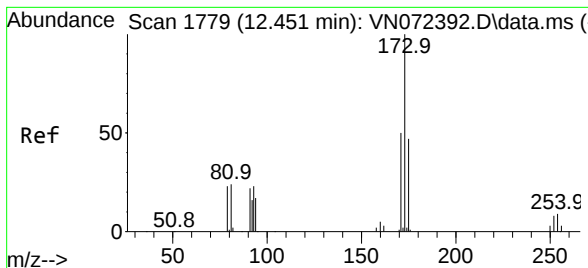
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#70
Styrene
Concen: 21.268 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

Tgt Ion:104 Resp: 119524
Ion Ratio Lower Upper
104 100
78 52.9 39.5 59.3
103 54.6 44.0 66.0





#71

Bromoform

Concen: 21.120 ug/l

RT: 12.451 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN072445.D

Acq: 12 May 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0512WBS01

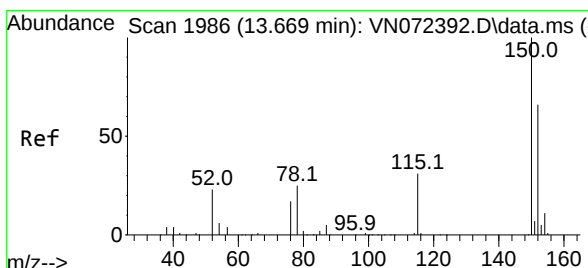
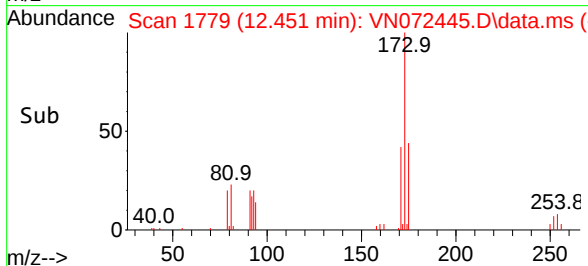
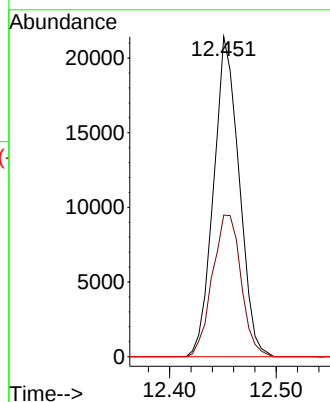
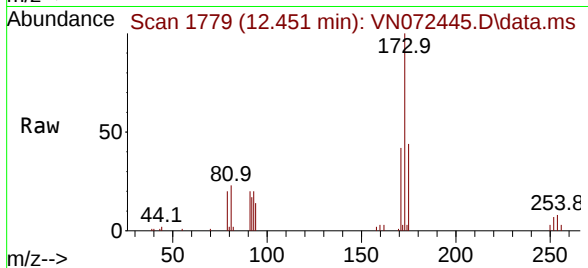
Tgt Ion:173	Resp:	35628
Ion Ratio	Lower	Upper
173	100	
175	49.8	24.6 73.6
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

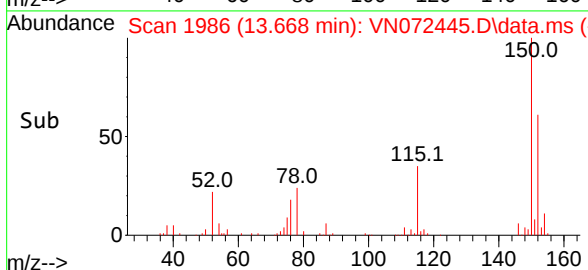
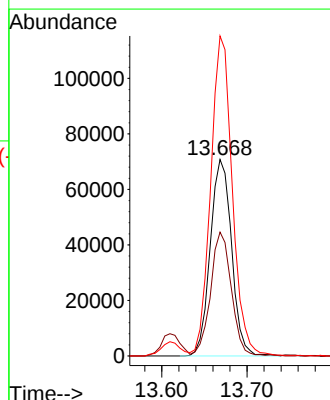
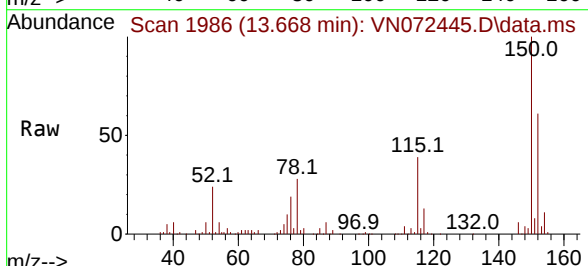
RT: 13.668 min Scan# 1986

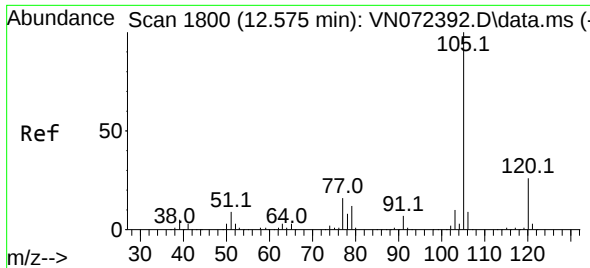
Delta R.T. -0.001 min

Lab File: VN072445.D

Acq: 12 May 2022 11:55

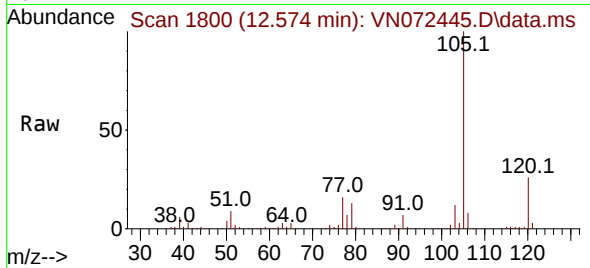
Tgt Ion:152	Resp:	123194
Ion Ratio	Lower	Upper
152	100	
115	61.4	28.9 86.7
150	165.0	0.0 356.2





#73
Isopropylbenzene
Concen: 19.417 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

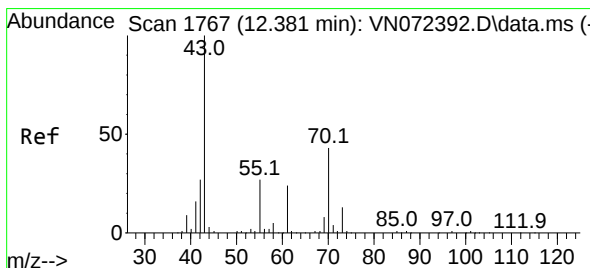
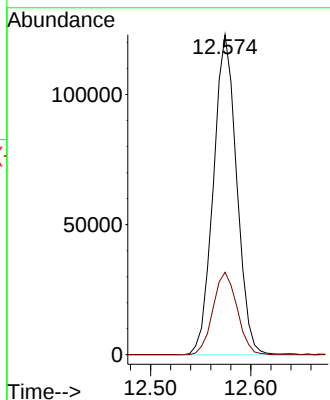
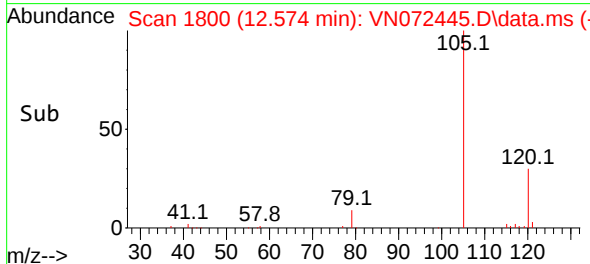
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBS01



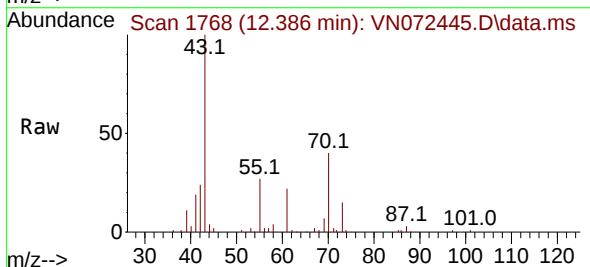
Tgt Ion:105 Resp: 19816
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4

Manual Integrations
APPROVED

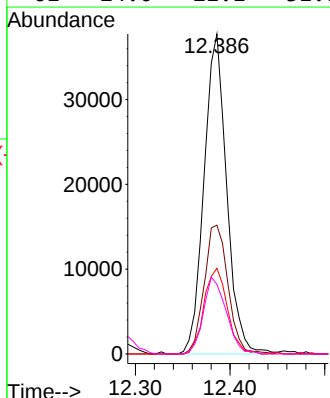
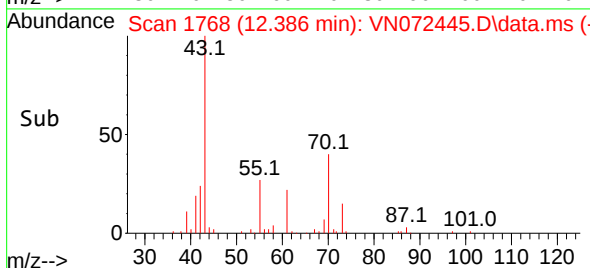
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

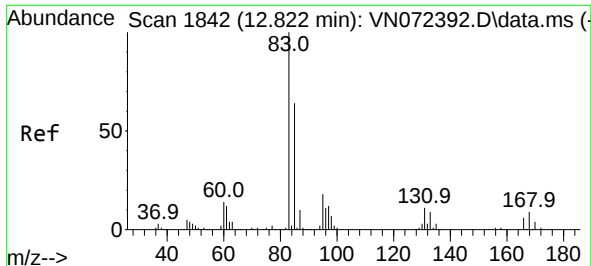


#74
N-ethyl acetate
Concen: 17.406 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.005 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55



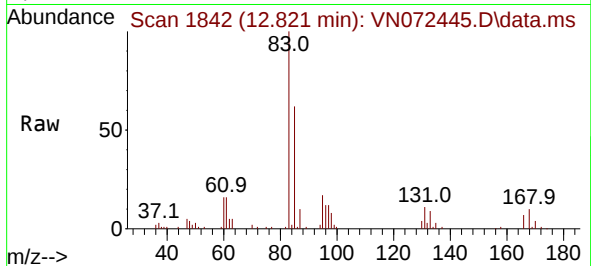
Tgt Ion: 43 Resp: 62791
Ion Ratio Lower Upper
43 100
70 42.3 39.0 58.4
55 27.5 21.1 31.7
61 24.0 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 17.080 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

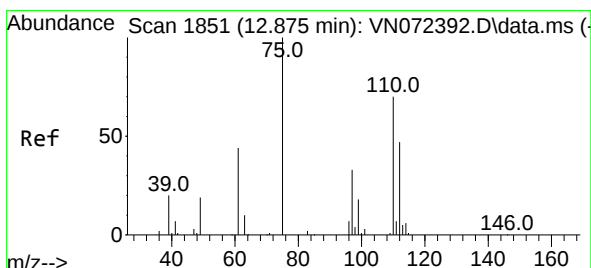
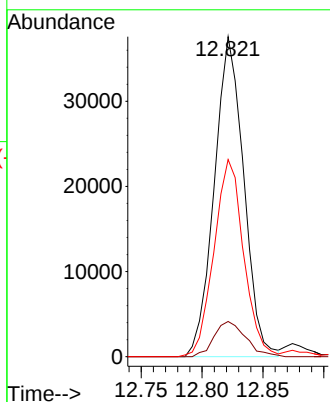
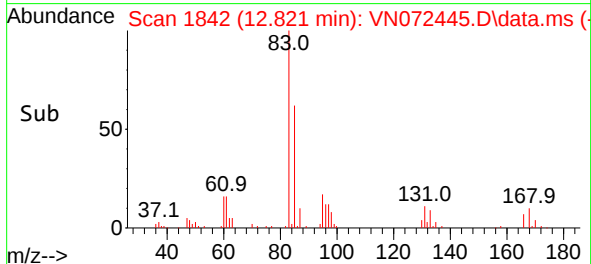
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBS01



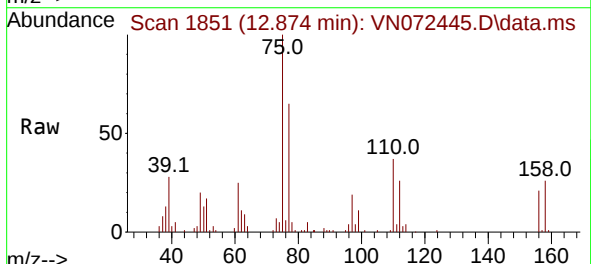
Tgt Ion: 83 Resp: 63285
Ion Ratio Lower Upper
83 100
131 11.8 5.3 15.9
85 62.0 32.3 96.9

Manual Integrations
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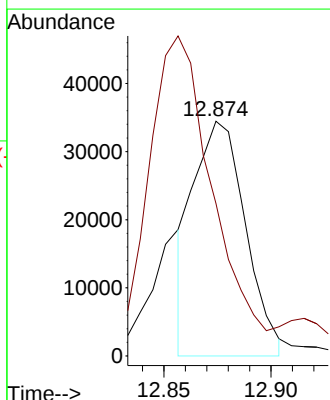
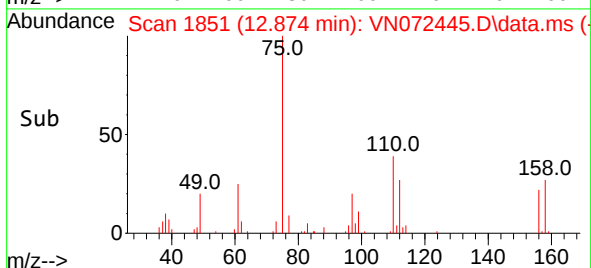
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

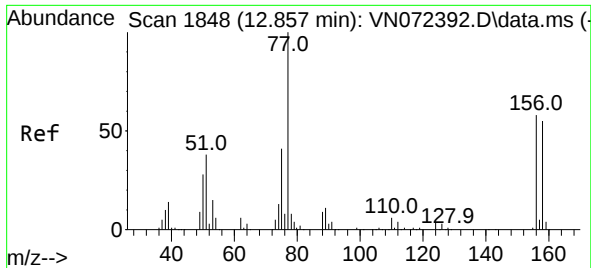


#76
1,2,3-Trichloropropane
Concen: 18.109 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.001 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55



Tgt Ion: 75 Resp: 58186
Ion Ratio Lower Upper
75 100
77 169.0 98.5 295.5





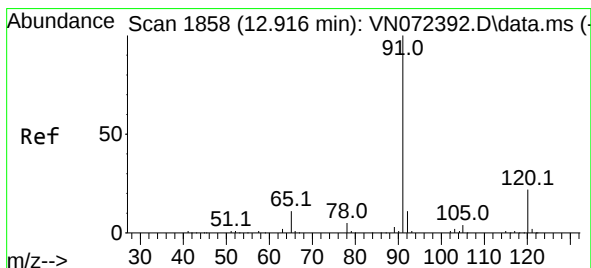
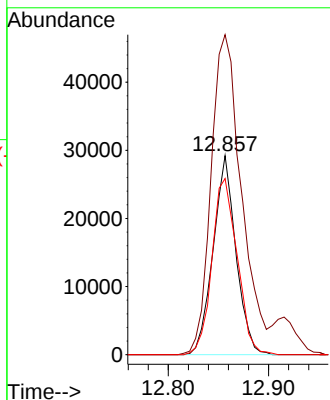
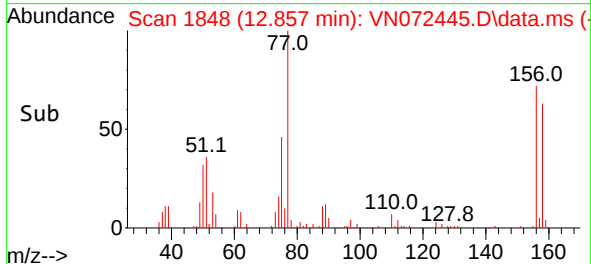
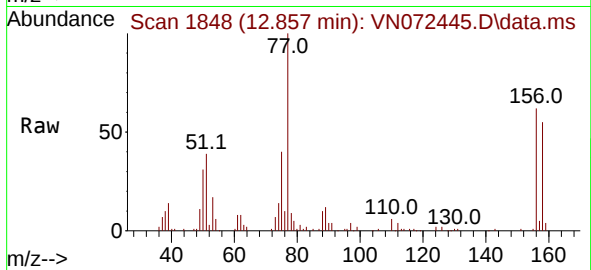
#77
Bromobenzene
Concen: 18.885 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0512WBS01

Tgt Ion:156 Resp: 4611
Ion Ratio Lower Upper
156 100
77 213.3 100.5 301.5
158 97.9 48.9 146.6

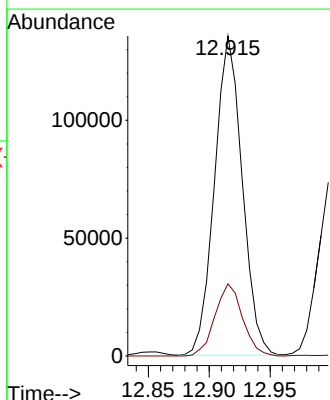
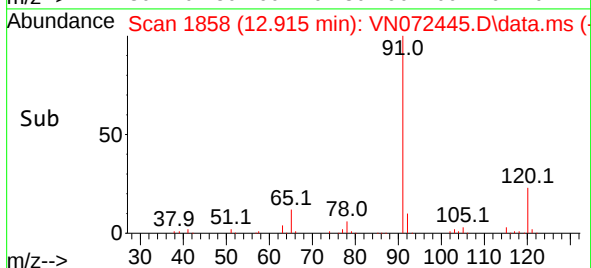
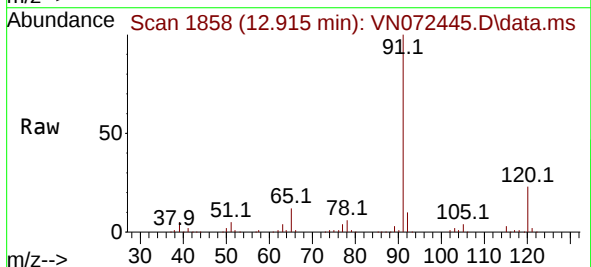
Manual Integrations
APPROVED

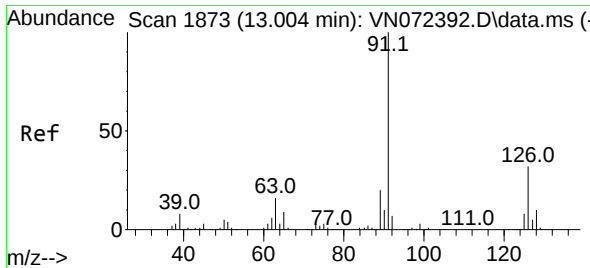
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#78
n-propylbenzene
Concen: 19.621 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

Tgt Ion: 91 Resp: 214277
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.5





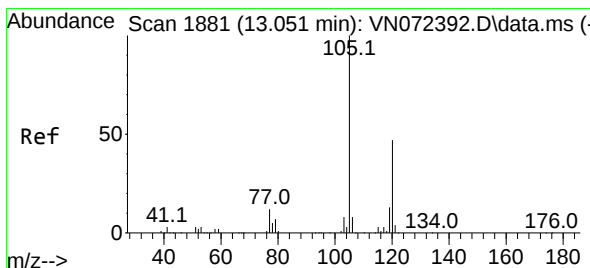
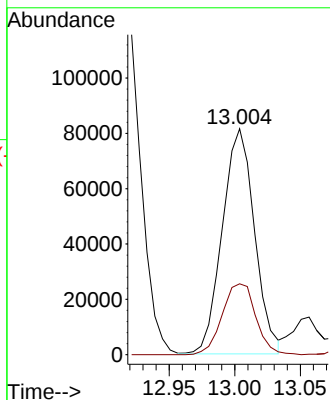
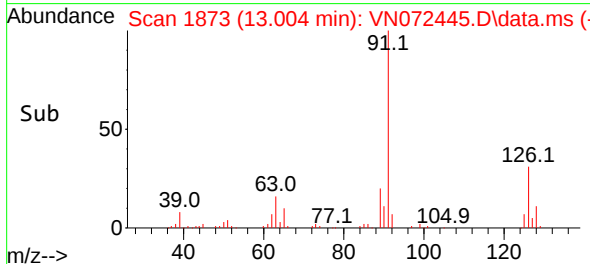
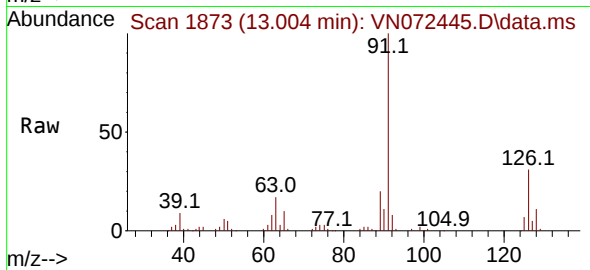
#79
2-Chlorotoluene
Concen: 19.440 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0512WBS01

Tgt Ion: 91 Resp: 13947
Ion Ratio Lower Upper
91 100
126 32.8 17.3 51.9

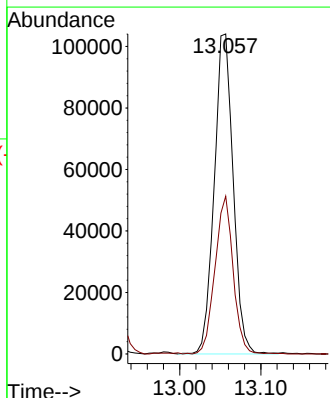
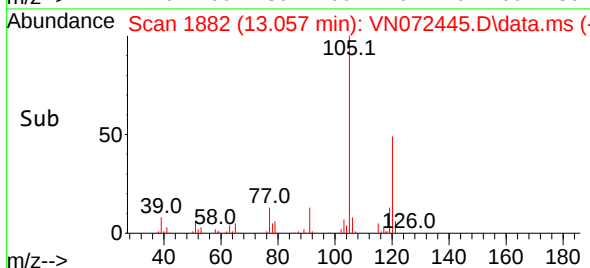
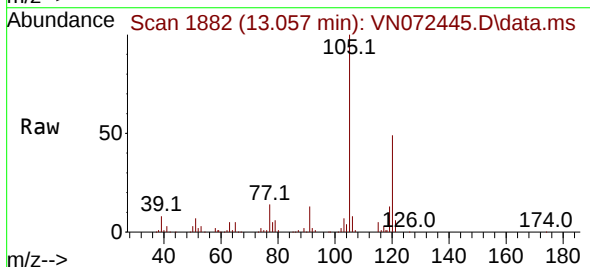
Manual Integrations
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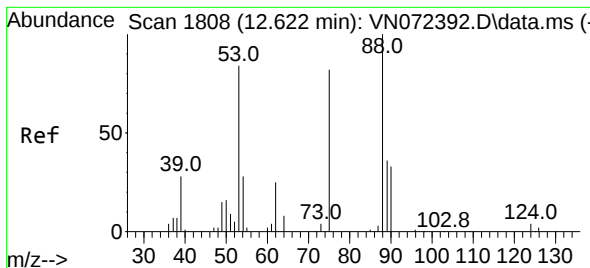
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.241 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

Tgt Ion:105 Resp: 169186
Ion Ratio Lower Upper
105 100
120 47.3 24.9 74.7





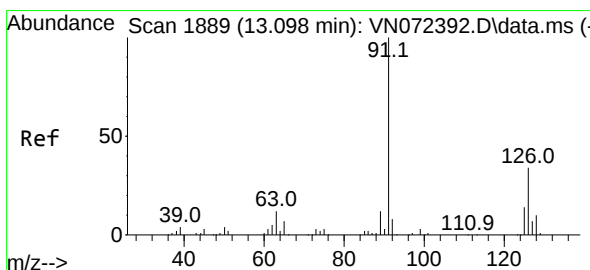
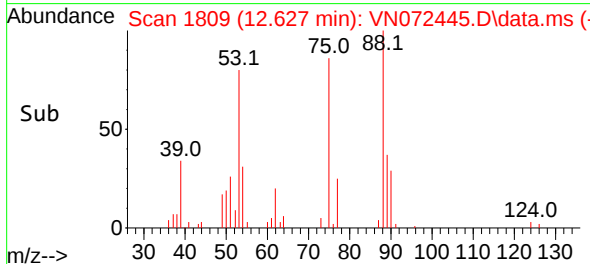
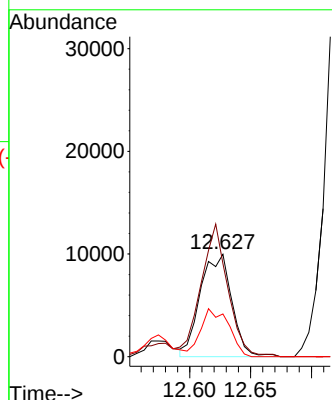
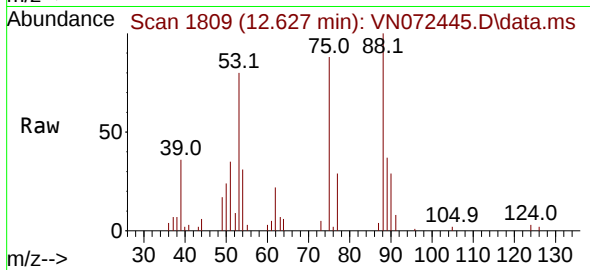
#81
trans-1,4-Dichloro-2-butene
Concen: 18.630 ug/l
RT: 12.627 min Scan# 1809
Delta R.T. 0.005 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0512WBS01

Tgt Ion: 75 Resp: 17944
Ion Ratio Lower Upper
75 100
53 112.0 78.0 117.0
89 41.5 37.2 55.8

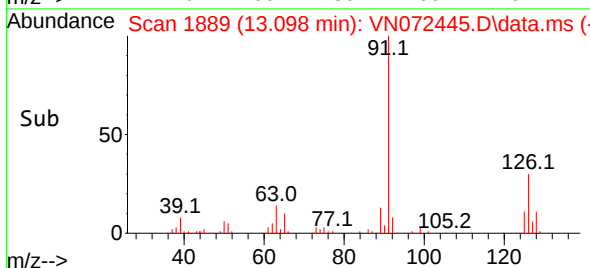
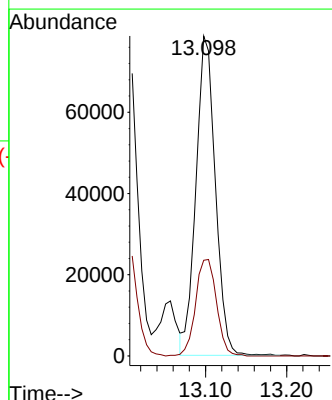
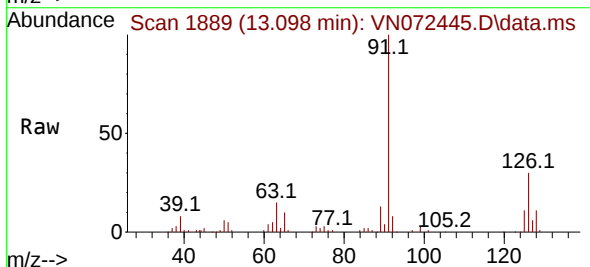
Manual Integrations
APPROVED

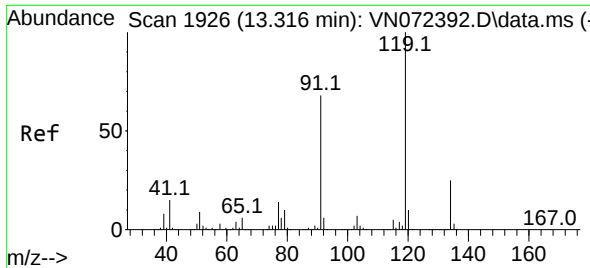
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#82
4-Chlorotoluene
Concen: 19.198 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

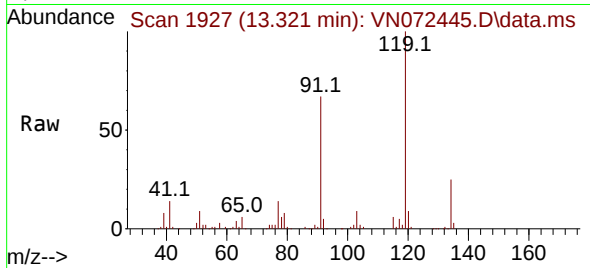
Tgt Ion: 91 Resp: 130528
Ion Ratio Lower Upper
91 100
126 32.7 17.2 51.6





#83
tert-Butylbenzene
Concen: 20.167 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.005 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

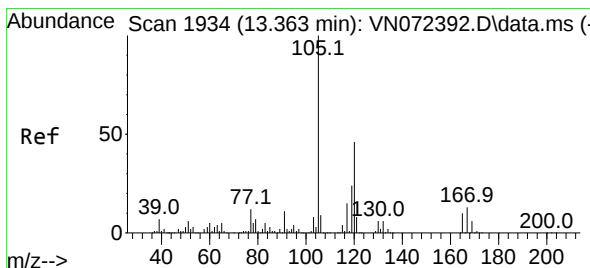
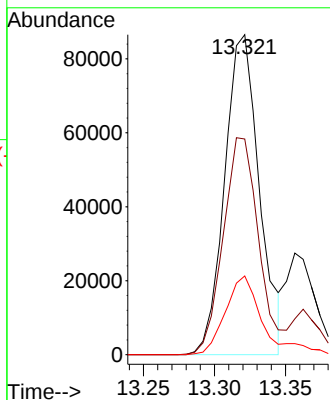
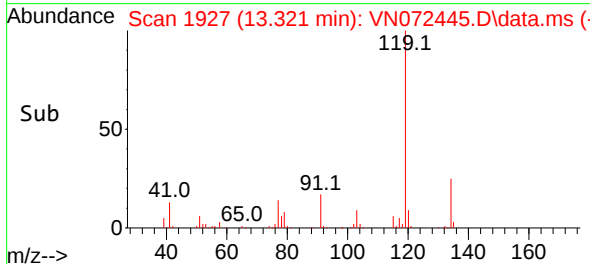
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBS01



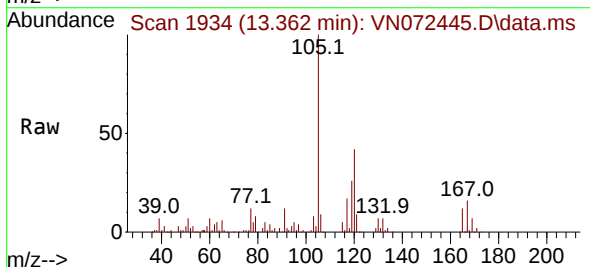
Tgt Ion:119 Resp: 147569
Ion Ratio Lower Upper
119 100
91 70.0 31.6 94.8
134 26.5 13.7 41.1

Manual Integrations
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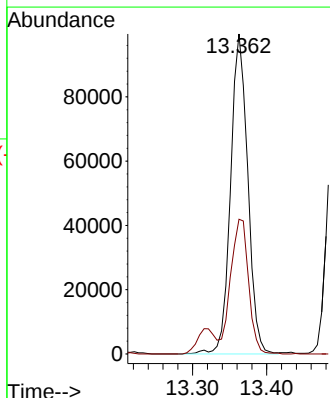
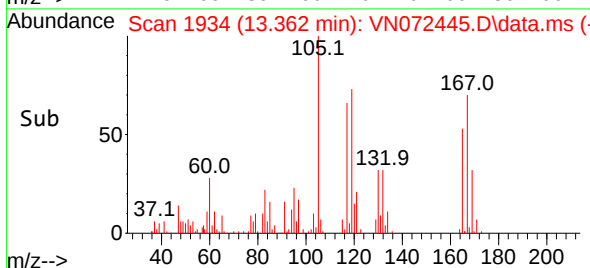
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

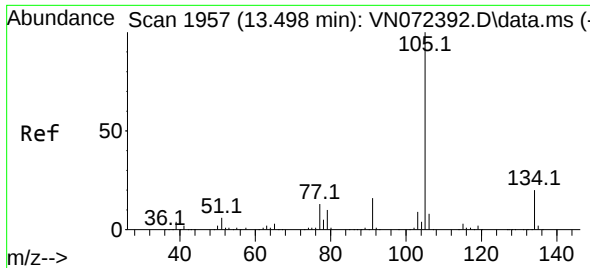


#84
1,2,4-Trimethylbenzene
Concen: 19.724 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55



Tgt Ion:105 Resp: 160379
Ion Ratio Lower Upper
105 100
120 44.1 23.3 69.8





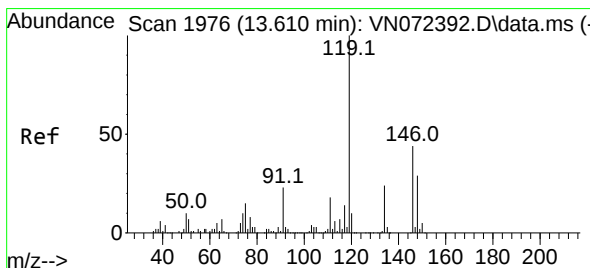
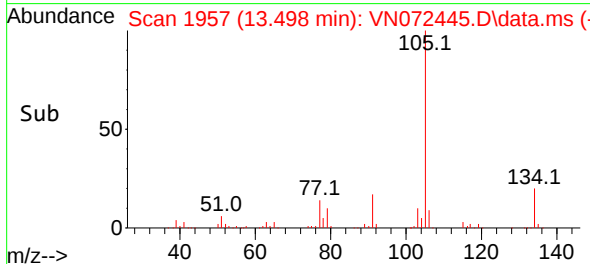
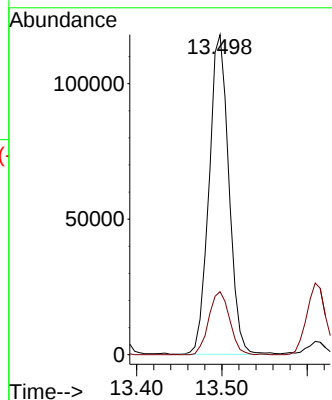
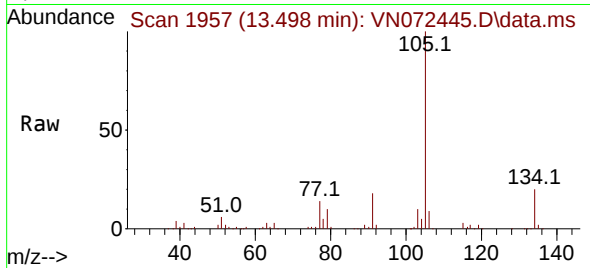
#85
 sec-Butylbenzene
 Concen: 19.512 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072445.D
 Acq: 12 May 2022 11:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0512WBS01

Tgt Ion:105 Resp: 19041
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1

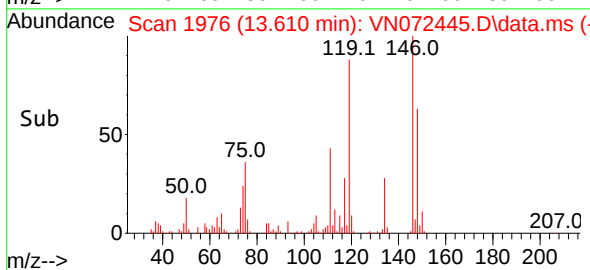
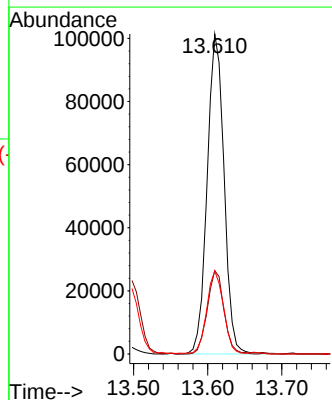
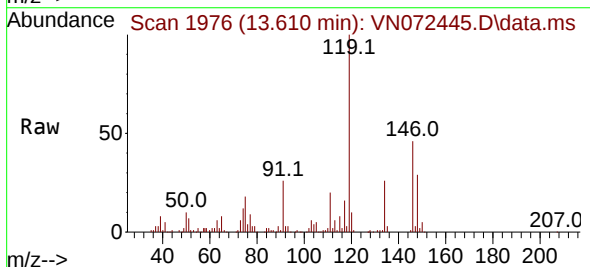
Manual Integrations
 APPROVED

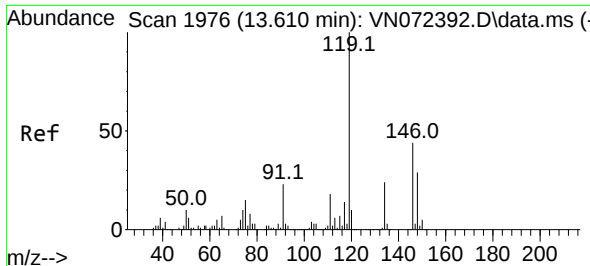
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022



#86
 p-Isopropyltoluene
 Concen: 21.094 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072445.D
 Acq: 12 May 2022 11:55

Tgt Ion:119 Resp: 160345
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.3 39.8
 91 25.3 11.3 33.9





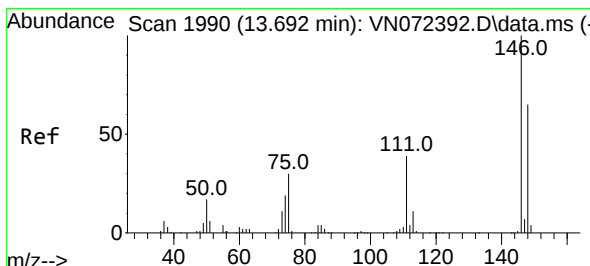
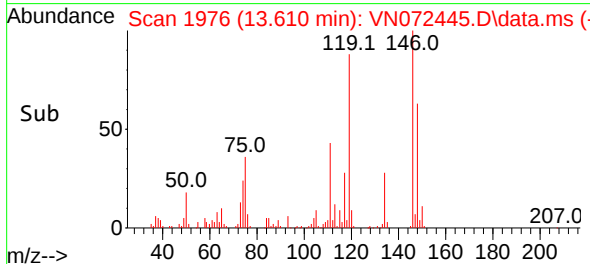
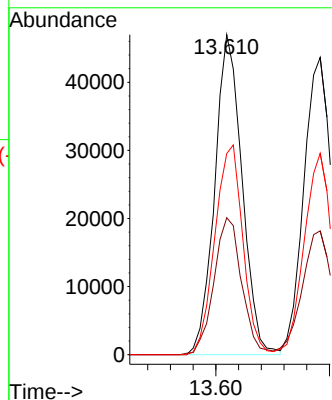
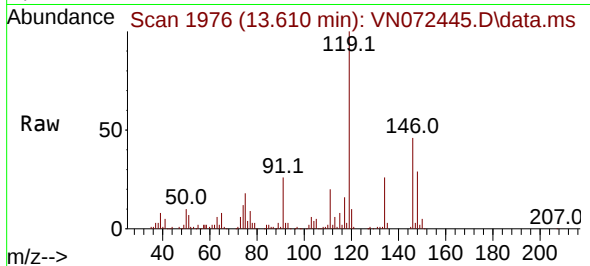
#87
1,3-Dichlorobenzene
Concen: 18.676 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0512WBS01

Tgt Ion:146 Resp: 7864
Ion Ratio Lower Upper
146 100
111 43.5 20.0 60.0
148 67.2 32.0 96.0

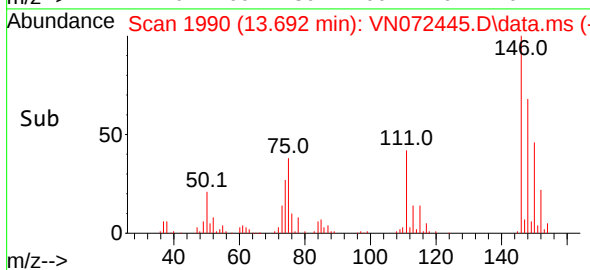
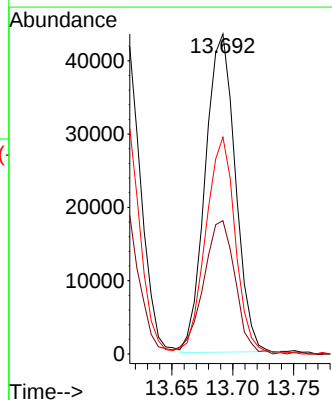
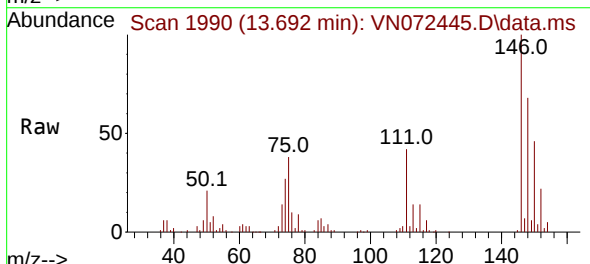
Manual Integrations
APPROVED

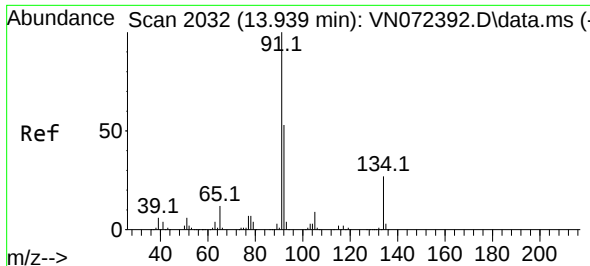
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#88
1,4-Dichlorobenzene
Concen: 17.769 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

Tgt Ion:146 Resp: 74438
Ion Ratio Lower Upper
146 100
111 44.4 19.1 57.1
148 67.7 31.4 94.3





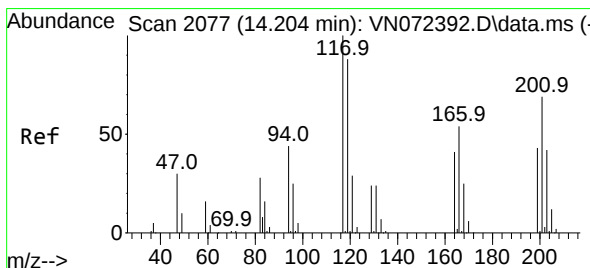
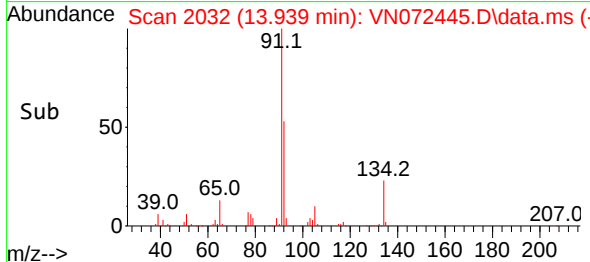
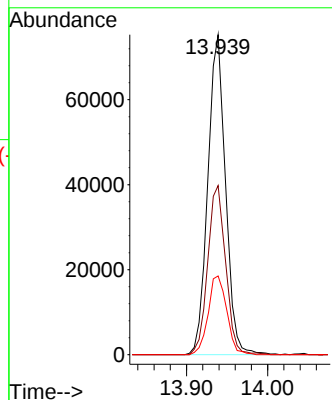
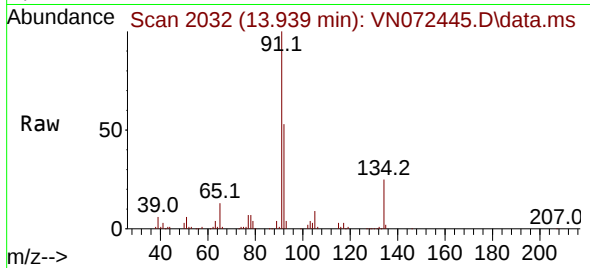
#89
n-Butylbenzene
Concen: 19.621 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0512WBS01

Tgt Ion: 91 Resp: 11401
Ion Ratio Lower Upper
91 100
92 53.5 26.9 80.7
134 25.8 13.6 40.8

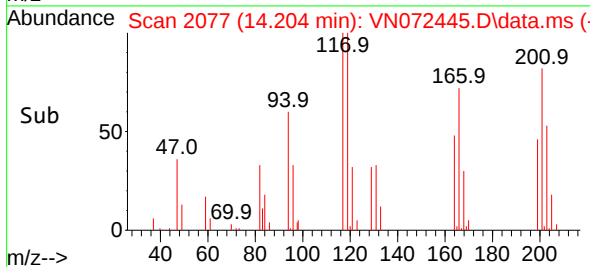
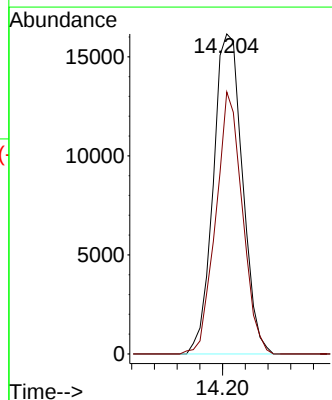
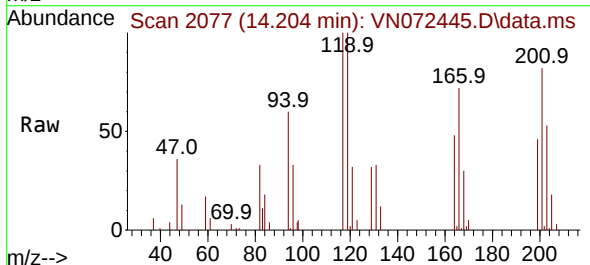
Manual Integrations
APPROVED

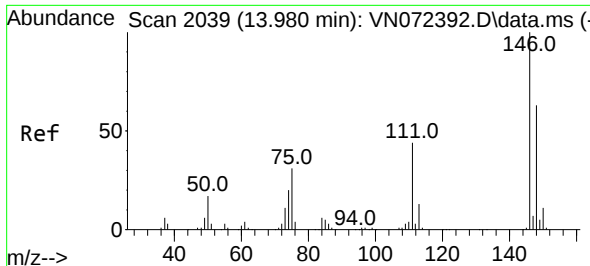
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#90
Hexachloroethane
Concen: 18.982 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

Tgt Ion:117 Resp: 28835
Ion Ratio Lower Upper
117 100
201 74.7 40.6 122.0





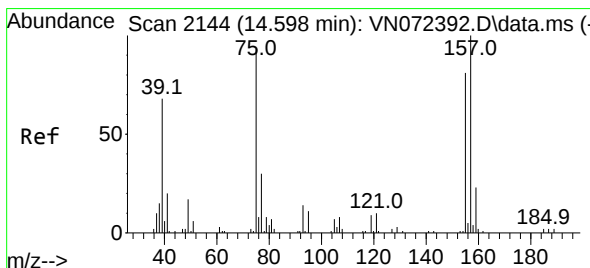
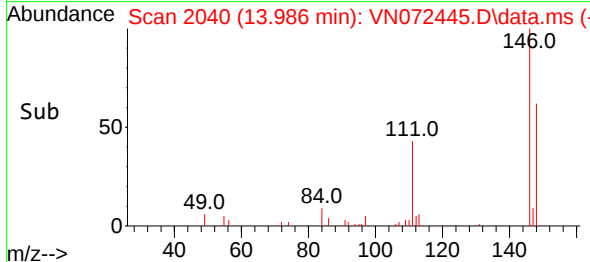
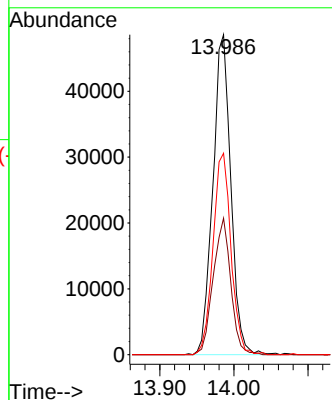
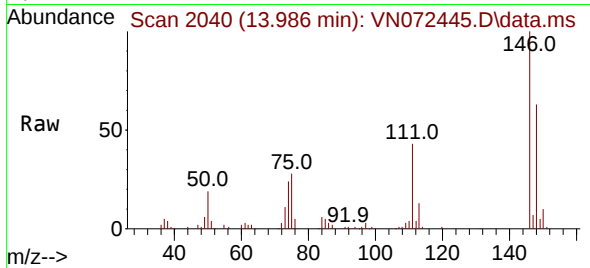
#91
1,2-Dichlorobenzene
Concen: 19.451 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0512WBS01

Tgt Ion:146 Resp: 8180
Ion Ratio Lower Upper
146 100
111 41.7 20.9 62.8
148 63.2 32.1 96.3

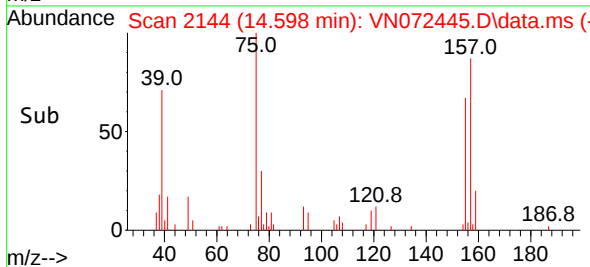
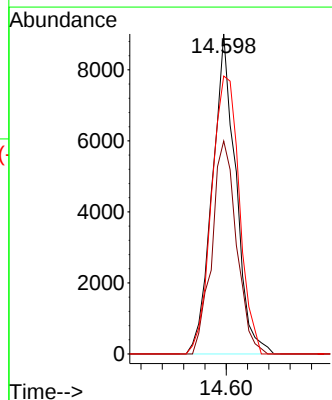
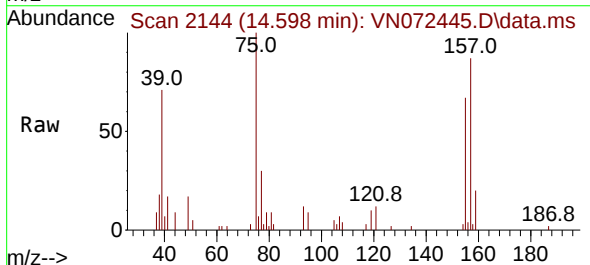
Manual Integrations
APPROVED

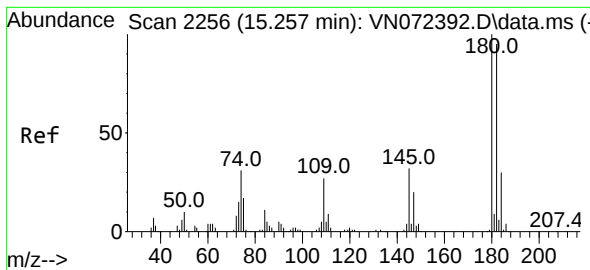
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.317 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072445.D
Acq: 12 May 2022 11:55

Tgt Ion: 75 Resp: 13734
Ion Ratio Lower Upper
75 100
155 69.9 44.9 134.5
157 102.7 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 20.222 ug/l

RT: 15.262 min Scan# 21

Delta R.T. 0.005 min

Lab File: VN072445.D

Acq: 12 May 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0512WBS01

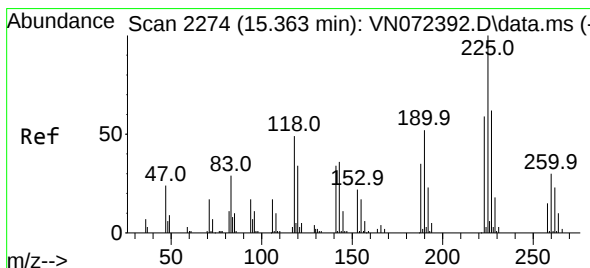
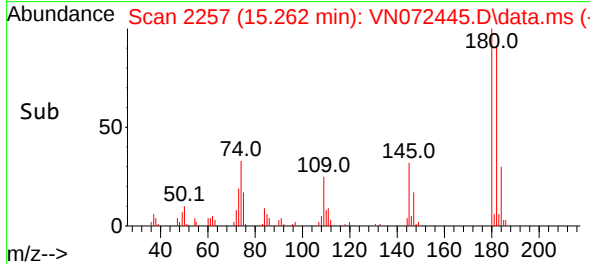
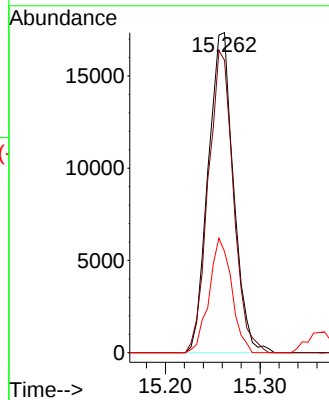
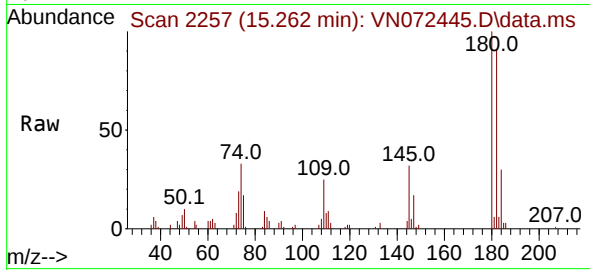
Tgt Ion:180	Resp:	3221
Ion Ratio	Lower	Upper
180	100	
182	93.4	47.5 142.5
145	31.8	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#94

Hexachlorobutadiene

Concen: 20.005 ug/l

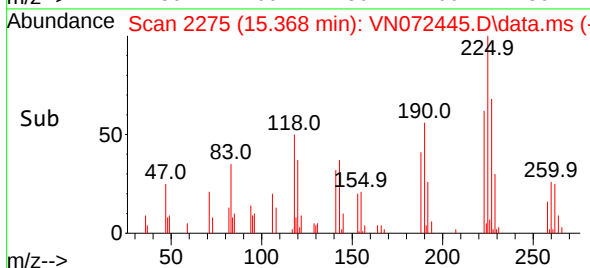
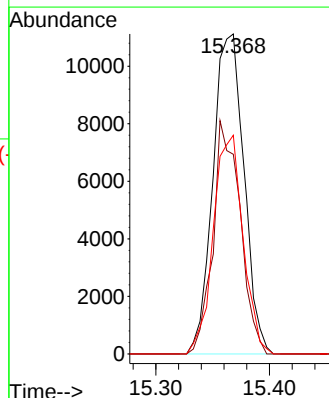
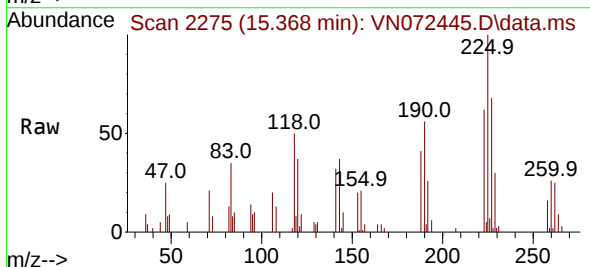
RT: 15.368 min Scan# 2275

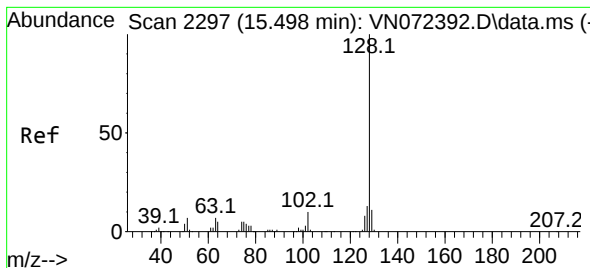
Delta R.T. 0.005 min

Lab File: VN072445.D

Acq: 12 May 2022 11:55

Tgt Ion:225	Resp:	21102
Ion Ratio	Lower	Upper
225	100	
223	63.6	32.4 97.2
227	65.4	31.8 95.4





#95

Naphthalene

Concen: 16.690 ug/l

RT: 15.498 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VN072445.D

Acq: 12 May 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0512WBS01

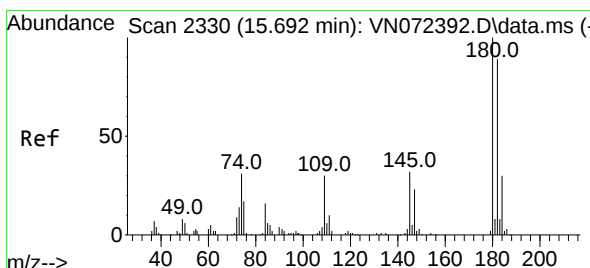
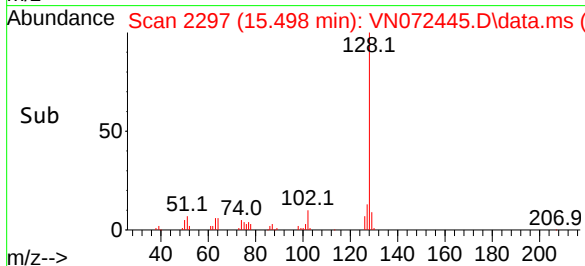
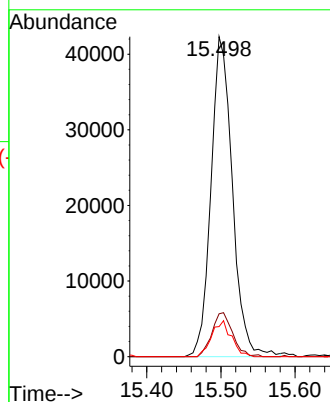
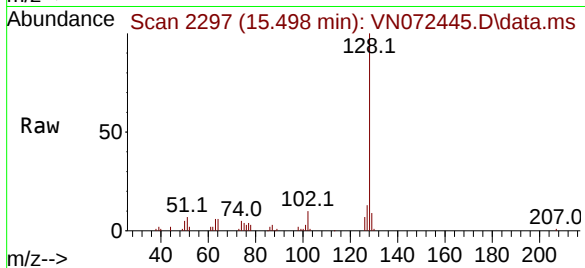
Tgt Ion:	128	Resp:	8496
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.3	15.5
129	10.4	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#96

1,2,3-Trichlorobenzene

Concen: 20.235 ug/l

RT: 15.698 min Scan# 2331

Delta R.T. 0.006 min

Lab File: VN072445.D

Acq: 12 May 2022 11:55

Tgt Ion:	180	Resp:	32306
Ion Ratio	Lower	Upper	
180	100		
182	93.4	47.8	143.3
145	36.2	15.5	46.5

