

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051922\
 Data File : VN072553.D
 Acq On : 19 May 2022 14:25
 Operator : JC\MD
 Sample : VN0519WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/20/2022
 Supervised By : Mahesh Dadoda 05/20/2022

Quant Time: May 20 06:52:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 02:22:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	177484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	263273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	246938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	107393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	138547	50.242	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.480%			
35) Dibromofluoromethane	8.022	113	93721	52.759	ug/l	0.01
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.520%			
50) Toluene-d8	10.439	98	329083	48.941	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.880%			
62) 4-Bromofluorobenzene	12.727	95	118384	46.349	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.700%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	37426	18.420	ug/l	93
3) Chloromethane	2.299	50	31476	17.136	ug/l	100
4) Vinyl Chloride	2.440	62	30472	20.327	ug/l	95
5) Bromomethane	2.822	94	24919	17.709	ug/l	94
6) Chloroethane	2.998	64	21868	16.855	ug/l	94
7) Trichlorofluoromethane	3.369	101	68596	19.824	ug/l	99
8) Diethyl Ether	3.822	74	21312	20.741	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.210	101	32915	19.978	ug/l	99
10) Methyl Iodide	4.416	142	45011	21.388	ug/l #	84
11) Tert butyl alcohol	5.375	59	29994	118.902	ug/l	96
12) 1,1-Dichloroethene	4.181	96	27673	19.107	ug/l	91
13) Acrolein	4.040	56	31053	88.717	ug/l	98
14) Allyl chloride	4.834	41	48272	19.595	ug/l #	88
15) Acrylonitrile	5.545	53	91390	93.814	ug/l	96
16) Acetone	4.281	43	83190	99.522	ug/l	94
17) Carbon Disulfide	4.528	76	71849	19.156	ug/l	96
18) Methyl Acetate	4.845	43	43085	18.768	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	127604	21.334	ug/l	93
20) Methylene Chloride	5.092	84	37021	18.655	ug/l	92
21) trans-1,2-Dichloroethene	5.592	96	31628	19.486	ug/l	92
22) Diisopropyl ether	6.487	45	111153	20.491	ug/l	90
23) Vinyl Acetate	6.428	43	486160	103.657	ug/l	98
24) 1,1-Dichloroethane	6.381	63	65488	19.850	ug/l	97
25) 2-Butanone	7.328	43	122680	93.340	ug/l	97
26) 2,2-Dichloropropane	7.322	77	62507	20.424	ug/l	94
27) cis-1,2-Dichloroethene	7.322	96	38813	19.418	ug/l	89
28) Bromochloromethane	7.657	49	28349	21.021	ug/l	97
29) Tetrahydrofuran	7.681	42	79480	99.926	ug/l	97
30) Chloroform	7.816	83	74748	19.797	ug/l	99
31) Cyclohexane	8.092	56	57403	18.728	ug/l #	95
32) 1,1,1-Trichloroethane	8.010	97	71664	20.569	ug/l	97
36) 1,1-Dichloropropene	8.222	75	49356	20.409	ug/l	100
37) Ethyl Acetate	7.410	43	55211	20.775	ug/l	97
38) Carbon Tetrachloride	8.204	117	62770	20.970	ug/l	98
39) Methylcyclohexane	9.457	83	55642	19.714	ug/l	96
40) Benzene	8.457	78	143539	20.313	ug/l	99

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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)
41) Methacrylonitrile	7.633	41	28192	22.113	ug/l	91
42) 1,2-Dichloroethane	8.528	62	69013	21.047	ug/l	92
43) Isopropyl Acetate	8.557	43	84546	19.783	ug/l	98
44) Trichloroethene	9.210	130	38429	20.004	ug/l	89
45) 1,2-Dichloropropane	9.486	63	36522	21.026	ug/l	96
46) Dibromomethane	9.575	93	27666	21.068	ug/l	97
47) Bromodichloromethane	9.757	83	60043	21.939	ug/l	96
48) Methyl methacrylate	9.551	41	43200	21.230	ug/l	88
49) 1,4-Dioxane	9.569	88	8957	505.621	ug/l #	89
51) 4-Methyl-2-Pentanone	10.327	43	257554	91.332	ug/l	93
52) Toluene	10.498	92	93023	20.303	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	59758	20.335	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	60891	20.988	ug/l	94
55) 1,1,2-Trichloroethane	10.898	97	38796	19.484	ug/l	95
56) Ethyl methacrylate	10.757	69	57857	19.404	ug/l #	88
57) 1,3-Dichloropropane	11.039	76	65689	19.566	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	58297	80.083	ug/l	95
59) 2-Hexanone	11.080	43	181154	92.423	ug/l	90
60) Dibromochloromethane	11.233	129	46464	20.423	ug/l	98
61) 1,2-Dibromoethane	11.339	107	40430	19.579	ug/l	98
64) Tetrachloroethene	10.974	164	37988	22.168	ug/l	95
65) Chlorobenzene	11.763	112	102923	20.340	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.839	131	41710	20.528	ug/l	96
67) Ethyl Benzene	11.839	91	177681	20.286	ug/l	99
68) m/p-Xylenes	11.945	106	137292	40.715	ug/l	91
69) o-Xylene	12.280	106	69468	20.223	ug/l	94
70) Styrene	12.292	104	109776	20.756	ug/l	95
71) Bromoform	12.451	173	34540	22.090	ug/l #	97
73) Isopropylbenzene	12.574	105	180394	20.317	ug/l	97
74) N-amyl acetate	12.386	43	54052	18.276	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	56266	20.919	ug/l	96
76) 1,2,3-Trichloropropane	12.874	75	53108m	16.370	ug/l	
77) Bromobenzene	12.857	156	43468	19.112	ug/l	98
78) n-propylbenzene	12.915	91	193314	19.907	ug/l	98
79) 2-Chlorotoluene	13.004	91	128663	19.778	ug/l	97
80) 1,3,5-Trimethylbenzene	13.051	105	157420	20.444	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.621	75	15104	19.409	ug/l #	86
82) 4-Chlorotoluene	13.098	91	122632	20.237	ug/l	95
83) tert-Butylbenzene	13.315	119	138260	21.140	ug/l	95
84) 1,2,4-Trimethylbenzene	13.363	105	154175	20.873	ug/l	92
85) sec-Butylbenzene	13.498	105	171995	20.250	ug/l	99
86) p-Isopropyltoluene	13.610	119	147475	21.114	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	74516	20.003	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	70671	19.504	ug/l	95
89) n-Butylbenzene	13.939	91	102335	19.355	ug/l	99
90) Hexachloroethane	14.204	117	23799	19.045	ug/l	99
91) 1,2-Dichlorobenzene	13.986	146	72823	19.491	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	11582	20.353	ug/l	84
93) 1,2,4-Trichlorobenzene	15.262	180	29798	18.252	ug/l	99
94) Hexachlorobutadiene	15.362	225	20546	20.038	ug/l	97
95) Naphthalene	15.504	128	82040	17.341	ug/l	98
96) 1,2,3-Trichlorobenzene	15.698	180	31259	18.563	ug/l	98

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VN0519WBSD01

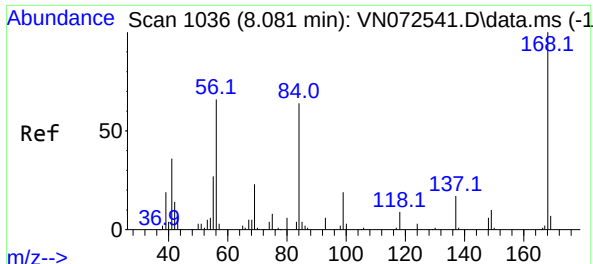
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu May 19 02:22:47 2022
Response via : Initial Calibration

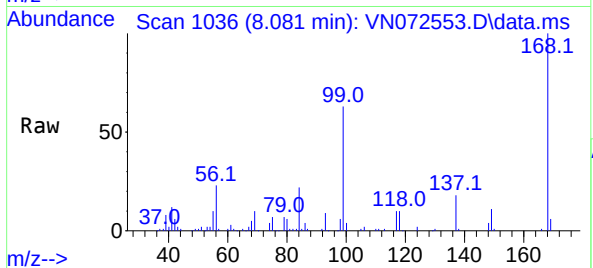
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

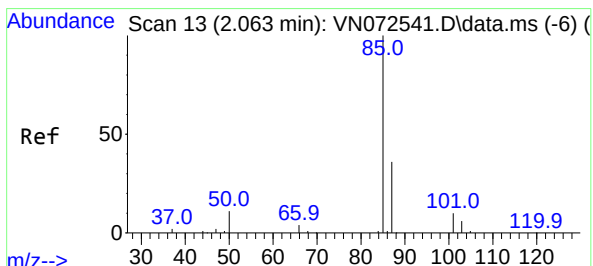
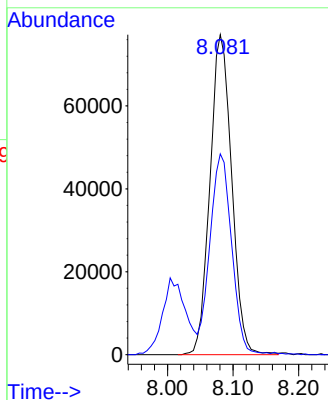
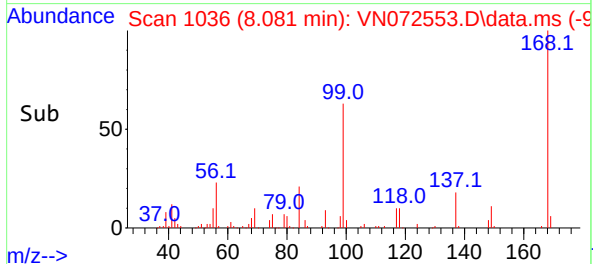
Instrument :
MSVOA_N
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VN0519WBSD01



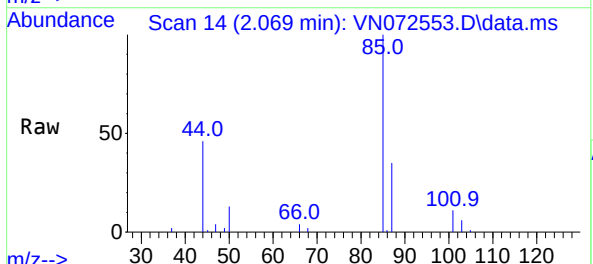
Tgt Ion:168 Resp: 177484
Ion Ratio Lower Upper
168 100
99 62.5 42.3 63.5

Manual Integrations
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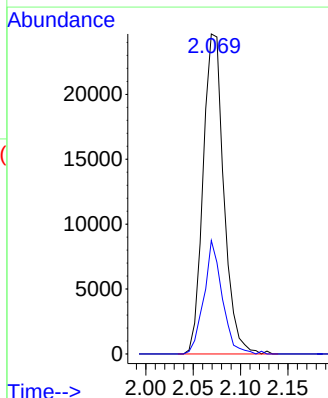
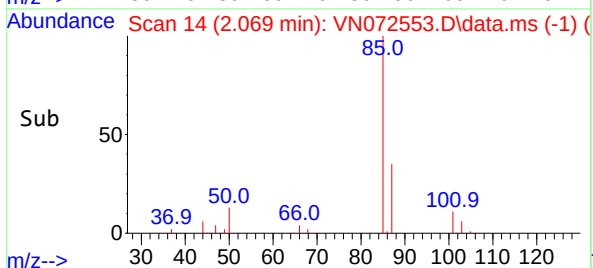
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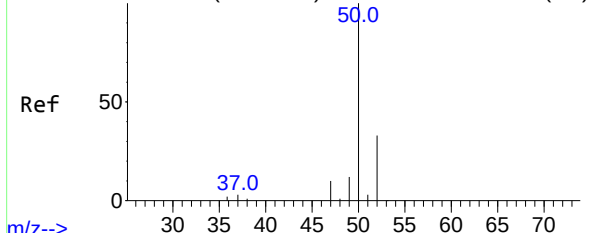
#2
Dichlorodifluoromethane
Concen: 18.420 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25



Tgt Ion: 85 Resp: 37426
Ion Ratio Lower Upper
85 100
87 35.4 15.7 47.1



Abundance Scan 52 (2.293 min): VN072541.D\data.ms (-45)



#3

Chloromethane

Concen: 17.136 ug/l

RT: 2.299 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN072553.D

Acq: 19 May 2022 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

Tgt Ion: 50 Resp: 31470

Ion Ratio Lower Upper

50 100

52 31.9 25.7 38.5

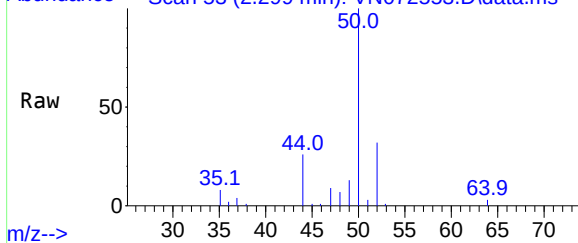
Manual Integrations

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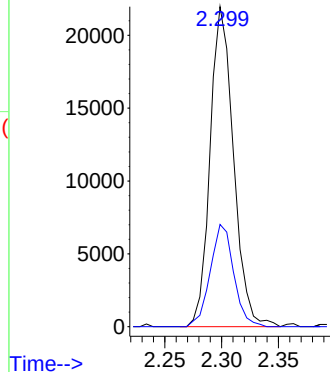
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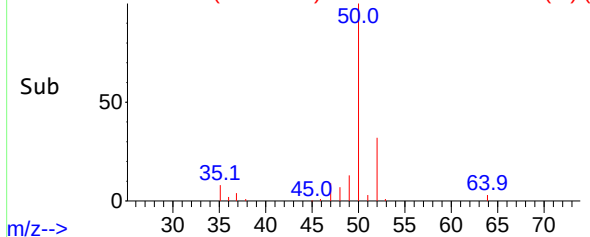
Abundance Scan 53 (2.299 min): VN072553.D\data.ms



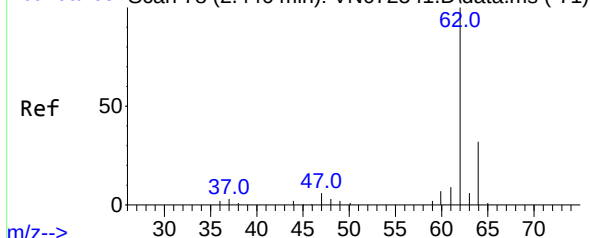
Abundance



Abundance Scan 53 (2.299 min): VN072553.D\data.ms (-1)



Abundance Scan 78 (2.446 min): VN072541.D\data.ms (-71)



#4

Vinyl Chloride

Concen: 20.327 ug/l

RT: 2.440 min Scan# 77

Delta R.T. -0.006 min

Lab File: VN072553.D

Acq: 19 May 2022 14:25

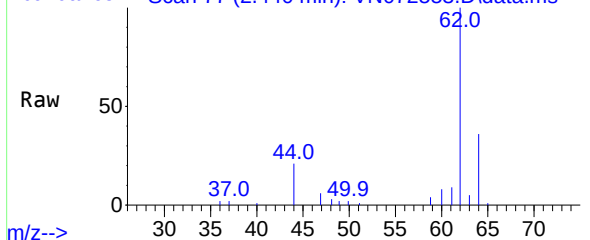
Tgt Ion: 62 Resp: 30472

Ion Ratio Lower Upper

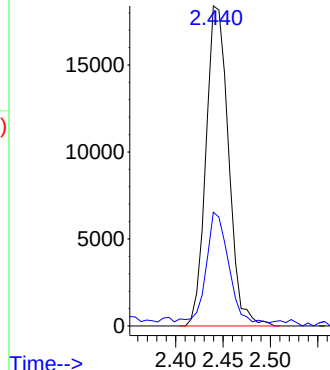
62 100

64 33.9 25.0 37.4

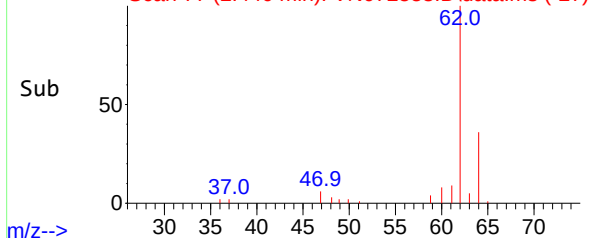
Abundance Scan 77 (2.440 min): VN072553.D\data.ms

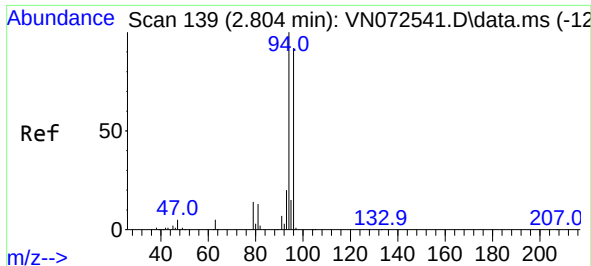


Abundance



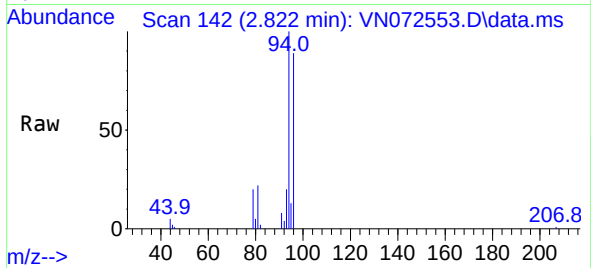
Abundance Scan 77 (2.440 min): VN072553.D\data.ms (-27)





#5
Bromomethane
Concen: 17.709 ug/l
RT: 2.822 min Scan# 14
Delta R.T. 0.018 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

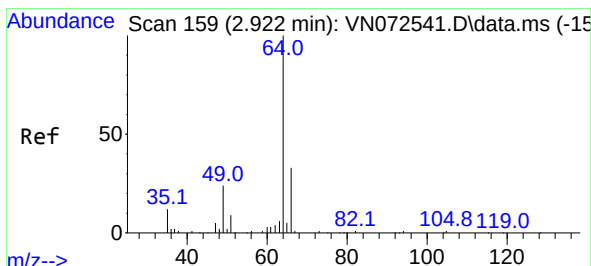
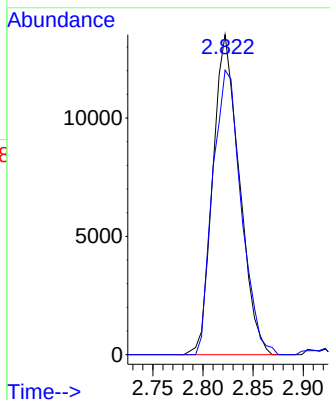
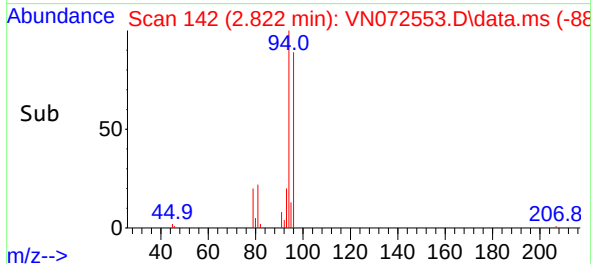
Instrument :
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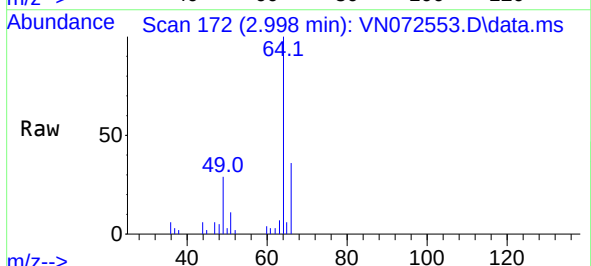
Tgt Ion: 94 Resp: 24919
Ion Ratio Lower Upper
94 100
96 88.9 76.0 114.0

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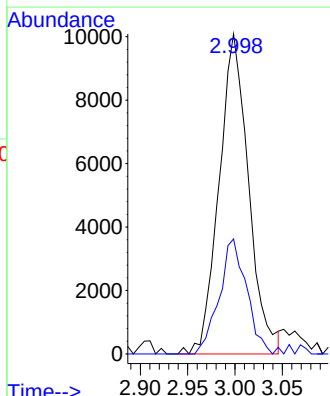
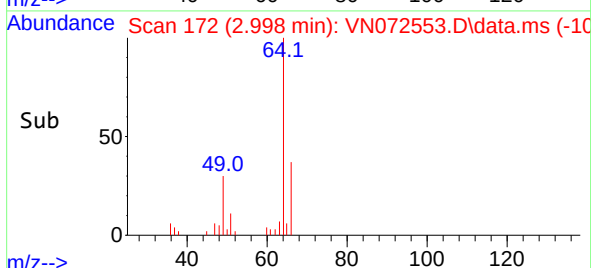
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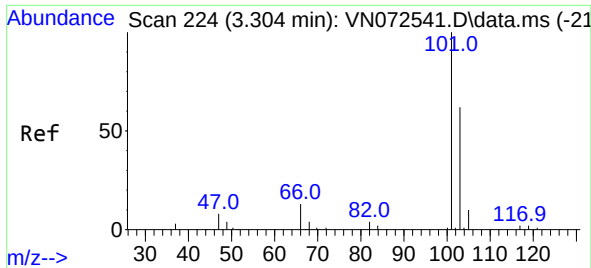


#6
Chloroethane
Concen: 16.855 ug/l
RT: 2.998 min Scan# 172
Delta R.T. 0.076 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25



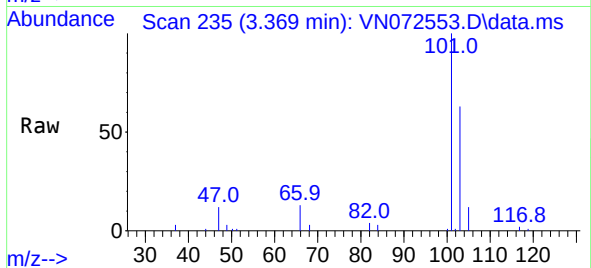
Tgt Ion: 64 Resp: 21868
Ion Ratio Lower Upper
64 100
66 36.0 26.2 39.4





#7
Trichlorofluoromethane
Concen: 19.824 ug/l
RT: 3.369 min Scan# 21
Delta R.T. 0.065 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

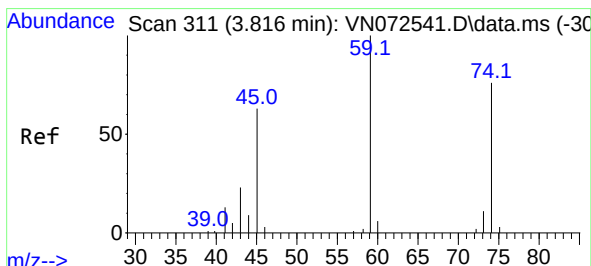
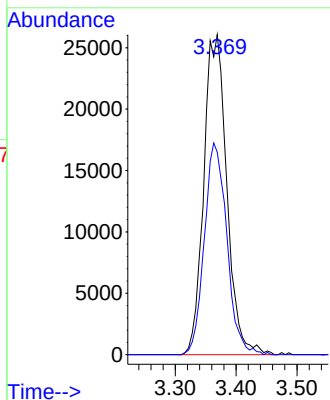
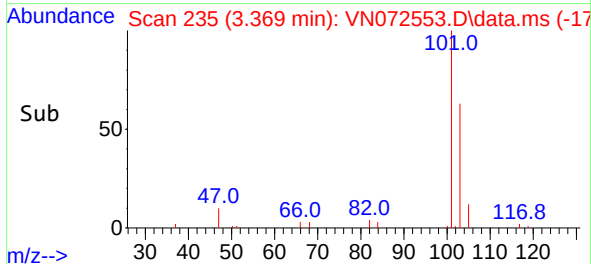
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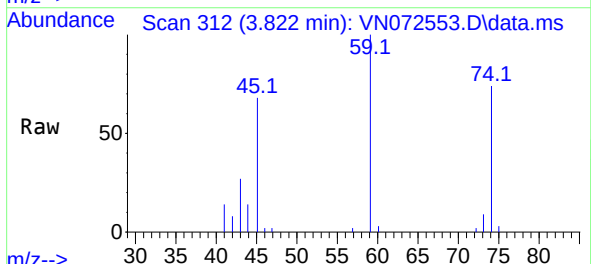
Tgt Ion:101 Resp: 68590
Ion Ratio Lower Upper
101 100
103 63.3 51.5 77.3

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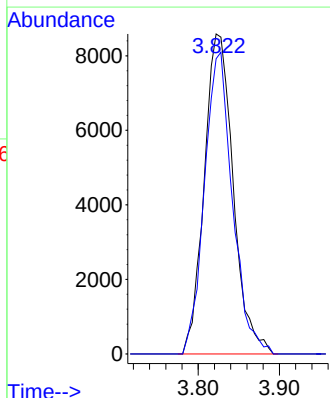
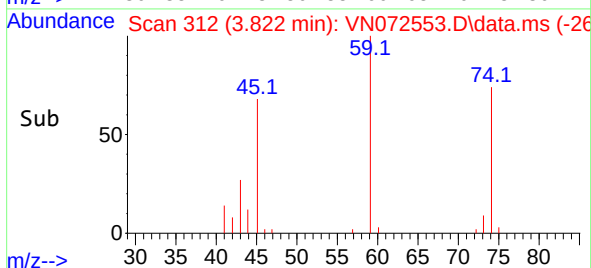
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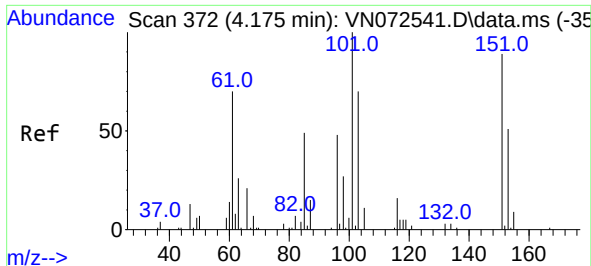


#8
Diethyl Ether
Concen: 20.741 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.006 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25



Tgt Ion: 74 Resp: 21312
Ion Ratio Lower Upper
74 100
45 91.3 42.9 128.5





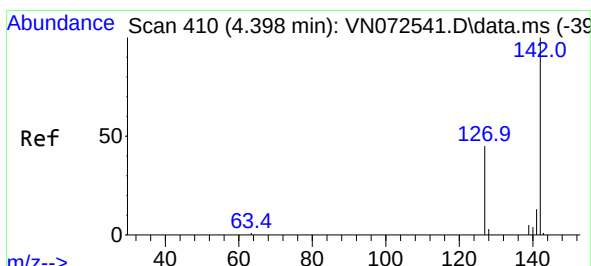
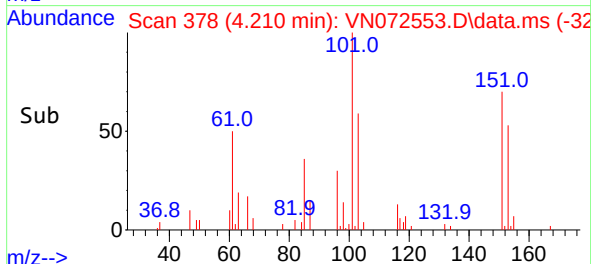
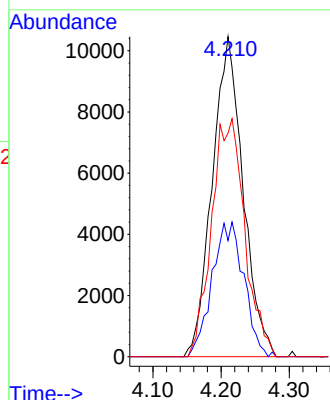
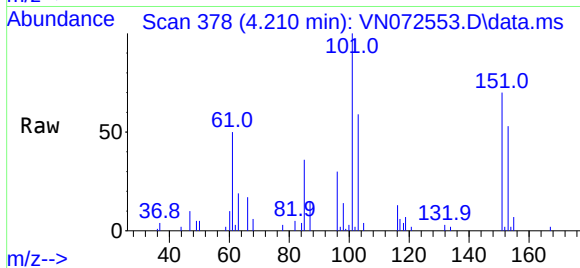
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.978 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.035 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

Tgt Ion:101 Resp: 32915
Ion Ratio Lower Upper
101 100
85 43.3 34.7 52.1
151 79.8 63.0 94.4

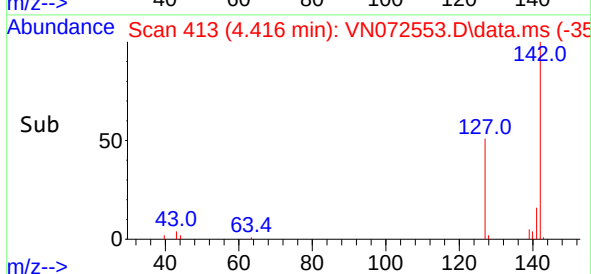
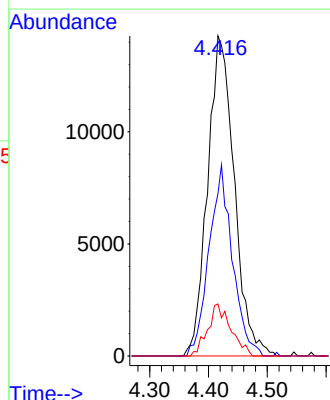
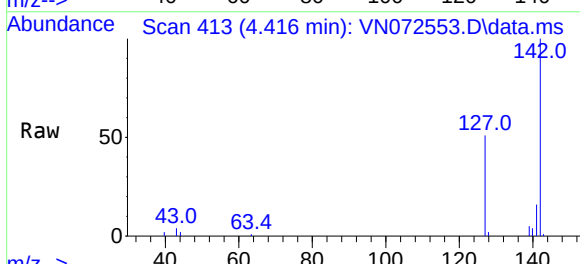
Manual Integrations
APPROVED

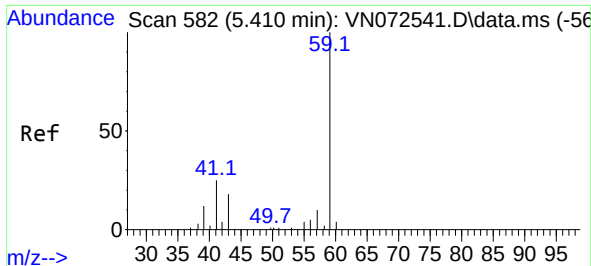
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022



#10
Methyl Iodide
Concen: 21.388 ug/l
RT: 4.416 min Scan# 413
Delta R.T. 0.018 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

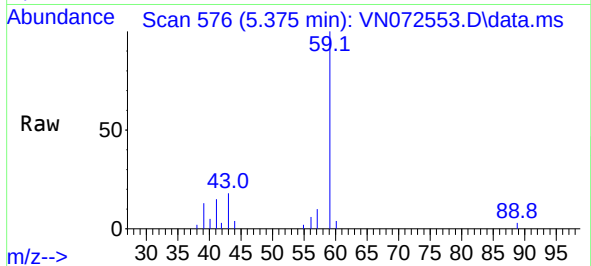
Tgt Ion:142 Resp: 45011
Ion Ratio Lower Upper
142 100
127 52.3 31.3 46.9#
141 14.0 11.2 16.8





#11
Tert butyl alcohol
Concen: 118.902 ug/l
RT: 5.375 min Scan# 51
Delta R.T. -0.035 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

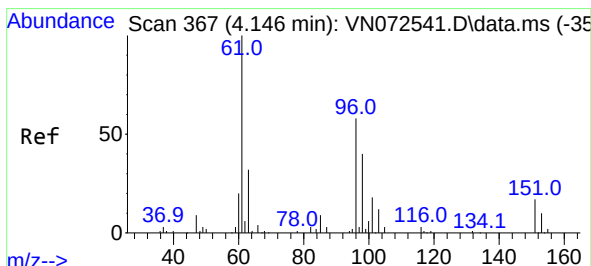
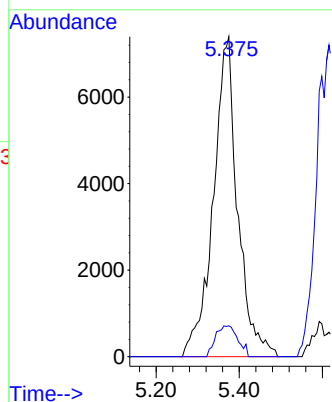
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



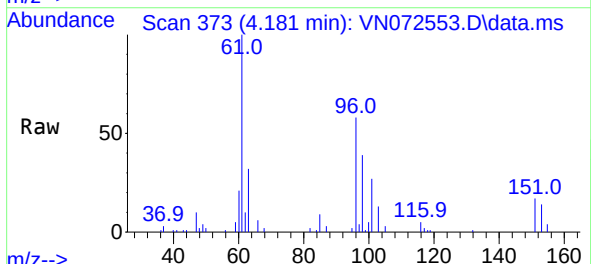
Tgt Ion: 59 Resp: 29994
Ion Ratio Lower Upper
59 100
57 8.8 8.3 12.5

Manual Integrations
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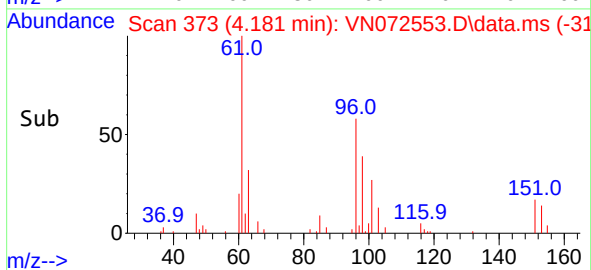
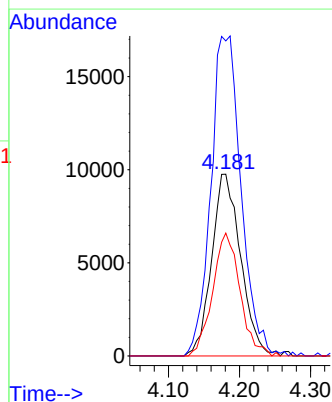
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022

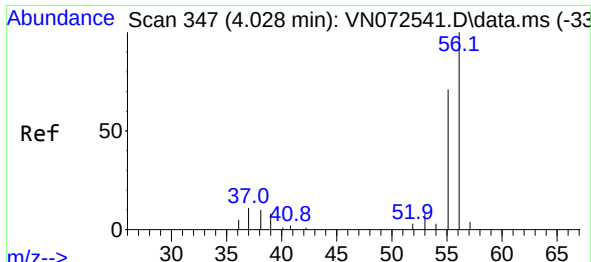


#12
1,1-Dichloroethene
Concen: 19.107 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.035 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25



Tgt Ion: 96 Resp: 27673
Ion Ratio Lower Upper
96 100
61 173.4 127.6 191.4
98 67.6 51.2 76.8





#13

Acrolein

Concen: 88.717 ug/l

RT: 4.040 min Scan# 34

Delta R.T. 0.012 min

Lab File: VN072553.D

Acq: 19 May 2022 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

Tgt Ion: 56 Resp: 3105

Ion Ratio Lower Upper

56 100

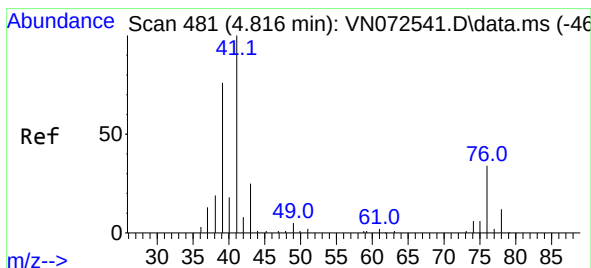
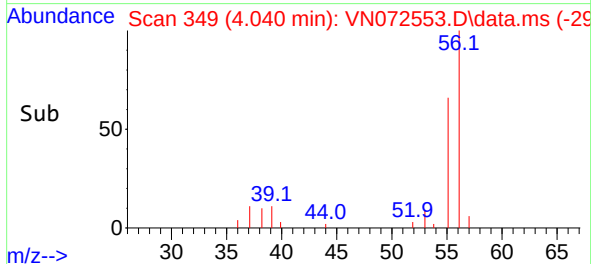
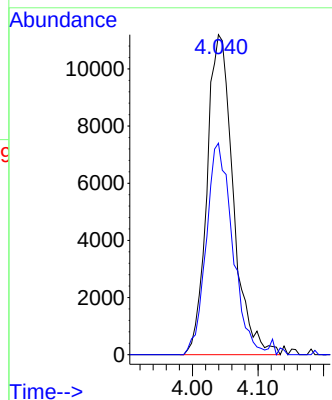
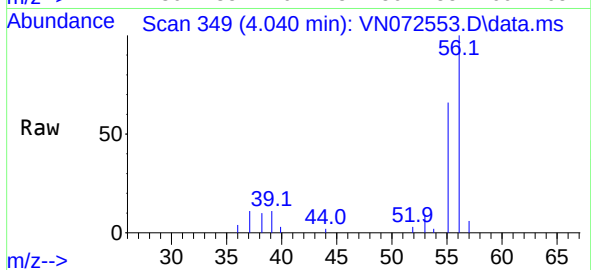
55 66.5 54.8 82.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/20/2022

Supervised By :Mahesh Dadoda 05/20/2022



#14

Allyl chloride

Concen: 19.595 ug/l

RT: 4.834 min Scan# 484

Delta R.T. 0.018 min

Lab File: VN072553.D

Acq: 19 May 2022 14:25

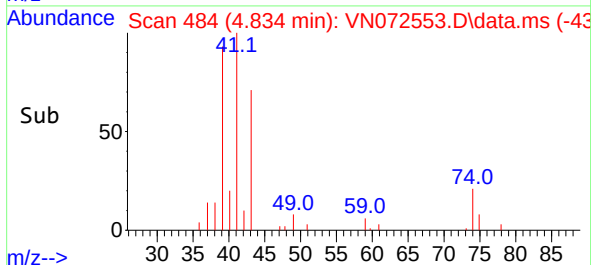
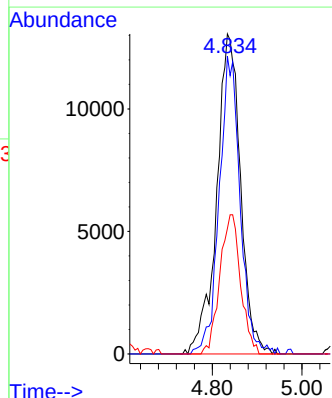
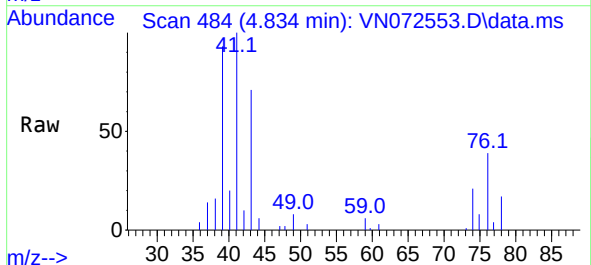
Tgt Ion: 41 Resp: 48272

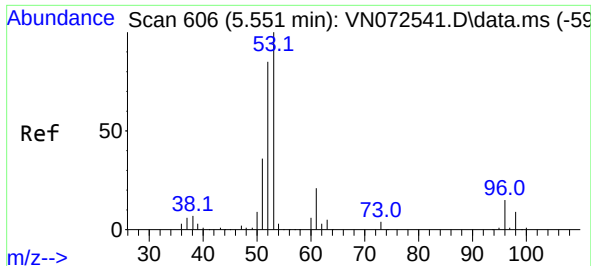
Ion Ratio Lower Upper

41 100

39 80.8 53.2 79.8

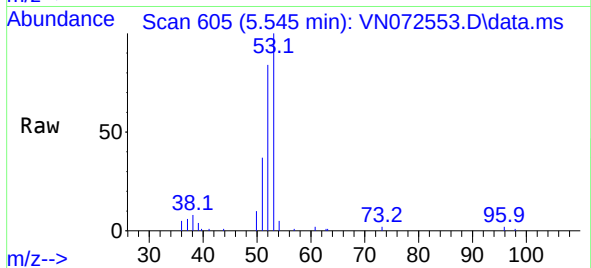
76 37.8 29.9 44.9





#15
Acrylonitrile
Concen: 93.814 ug/l
RT: 5.545 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

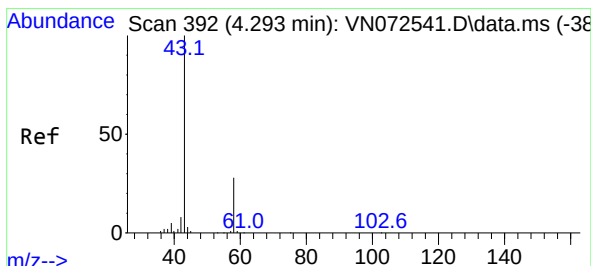
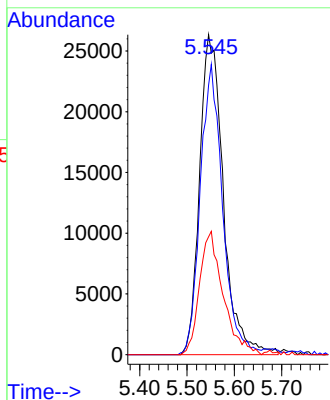
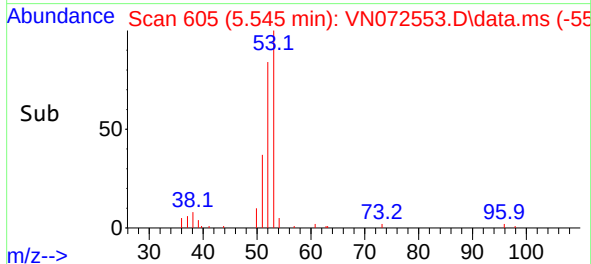
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



Tgt Ion: 53 Resp: 91390
Ion Ratio Lower Upper
53 100
52 85.6 66.4 99.6
51 38.5 28.5 42.7

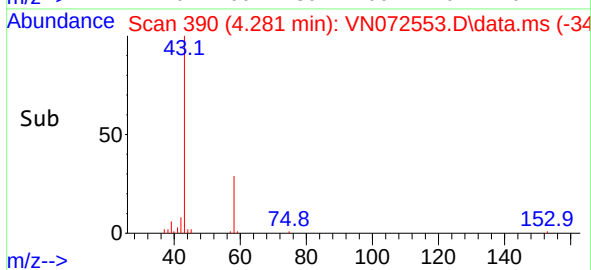
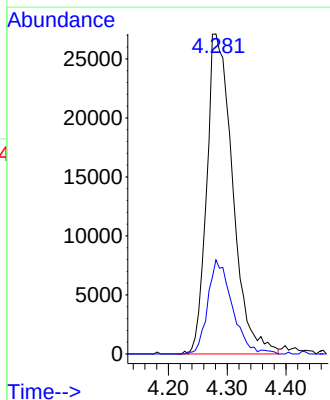
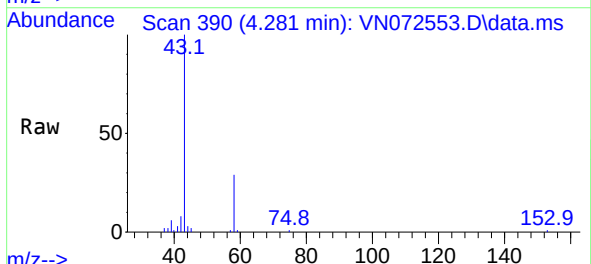
Manual Integrations
APPROVED

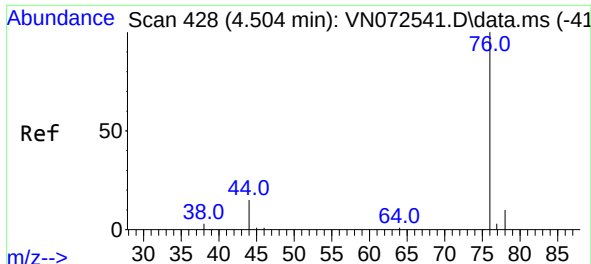
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022



#16
Acetone
Concen: 99.522 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.012 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

Tgt Ion: 43 Resp: 83190
Ion Ratio Lower Upper
43 100
58 29.4 26.0 39.0





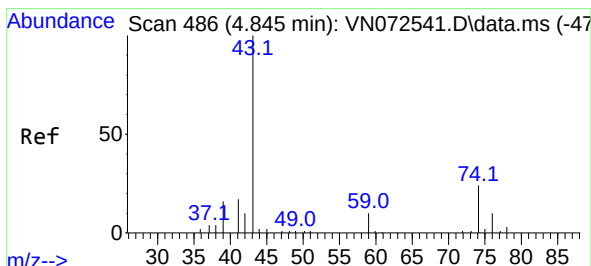
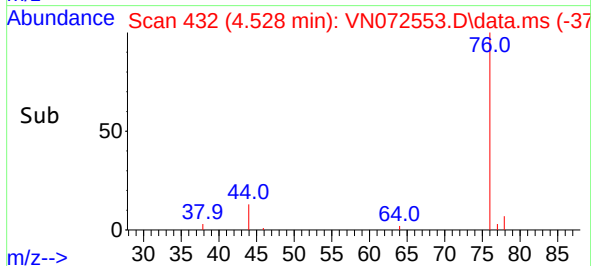
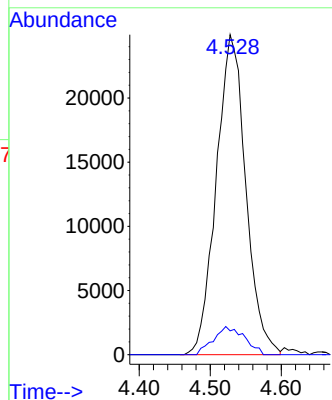
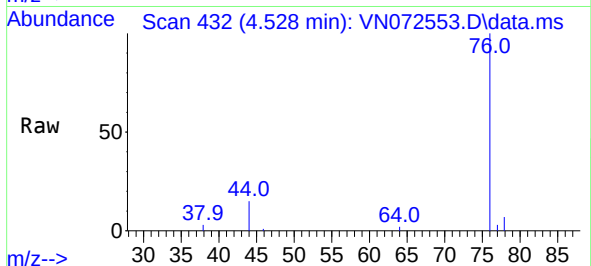
#17
Carbon Disulfide
Concen: 19.156 ug/l
RT: 4.528 min Scan# 41
Delta R.T. 0.024 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

Tgt Ion: 76 Resp: 71849
Ion Ratio Lower Upper
76 100
78 7.4 7.2 10.8

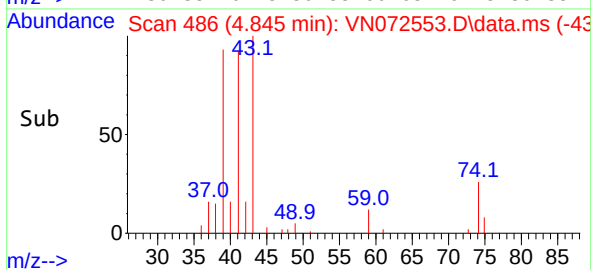
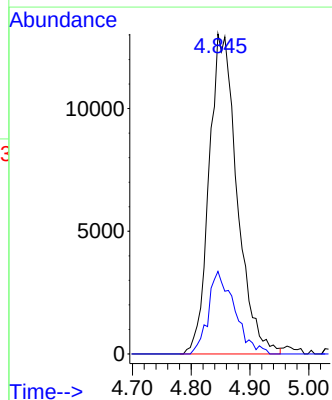
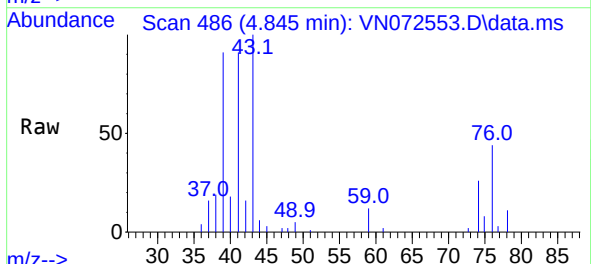
Manual Integrations
APPROVED

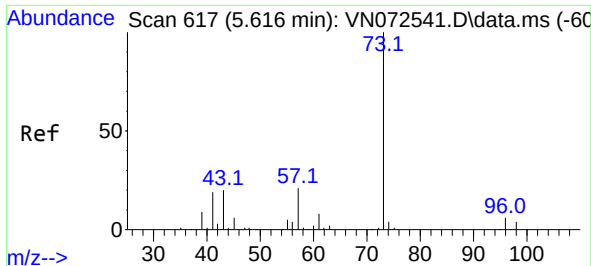
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022



#18
Methyl Acetate
Concen: 18.768 ug/l
RT: 4.845 min Scan# 486
Delta R.T. 0.000 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

Tgt Ion: 43 Resp: 43085
Ion Ratio Lower Upper
43 100
74 24.3 21.6 32.4





#19

Methyl tert-butyl Ether

Concen: 21.334 ug/l

RT: 5.610 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN072553.D

Acq: 19 May 2022 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

Tgt Ion: 73 Resp: 127604

Ion Ratio Lower Upper

73 100

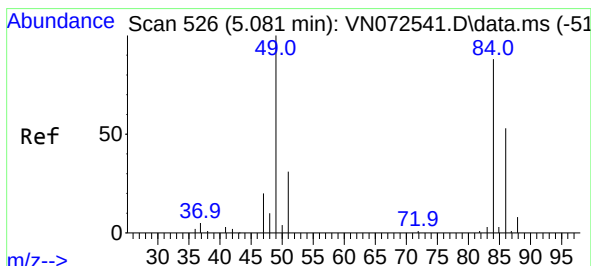
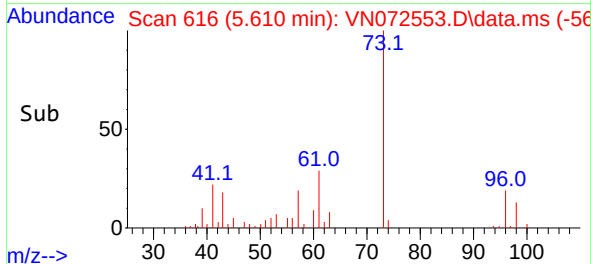
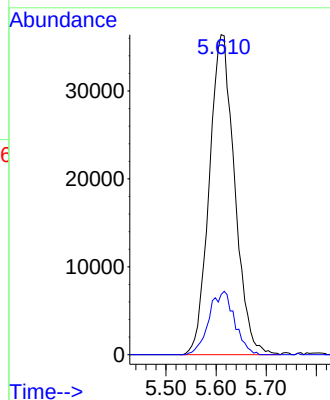
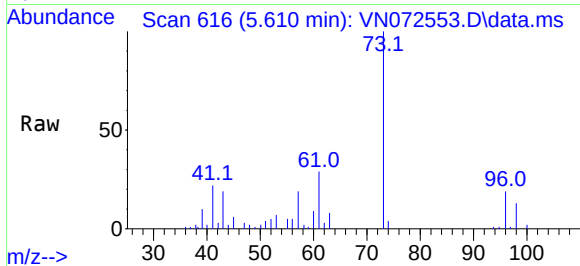
57 18.8 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/20/2022

Supervised By :Mahesh Dadoda 05/20/2022



#20

Methylene Chloride

Concen: 18.655 ug/l

RT: 5.092 min Scan# 528

Delta R.T. 0.011 min

Lab File: VN072553.D

Acq: 19 May 2022 14:25

Tgt Ion: 84 Resp: 37021

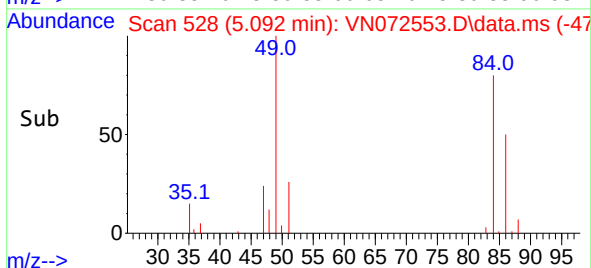
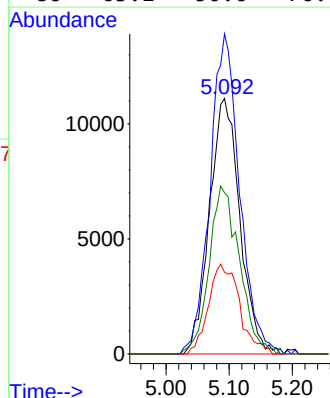
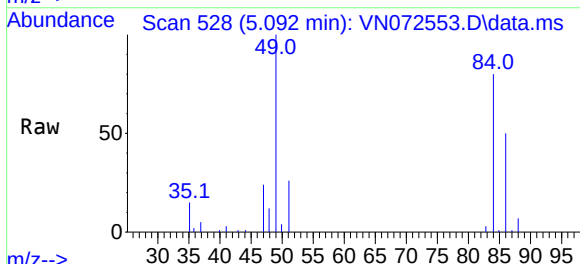
Ion Ratio Lower Upper

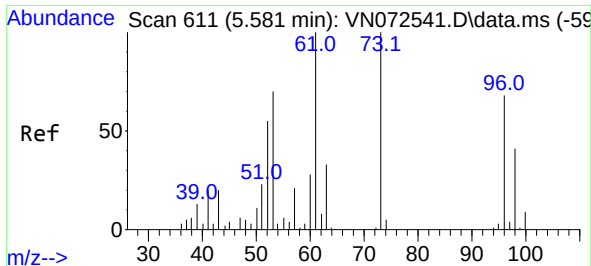
84 100

49 125.3 88.3 132.5

51 32.0 28.2 42.2

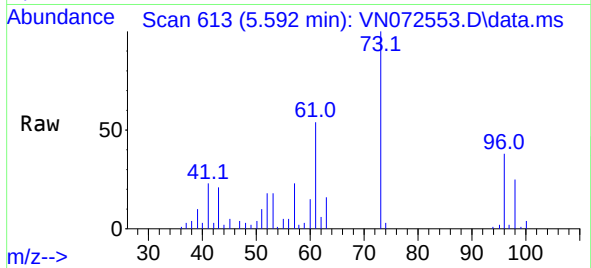
86 63.1 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 19.486 ug/l
RT: 5.592 min Scan# 611
Delta R.T. 0.011 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

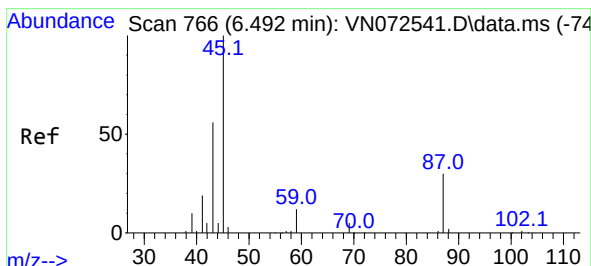
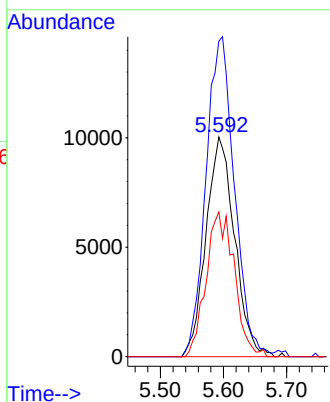
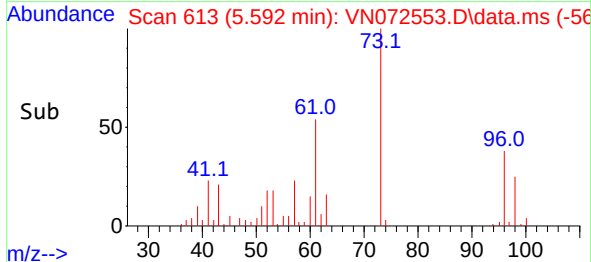
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



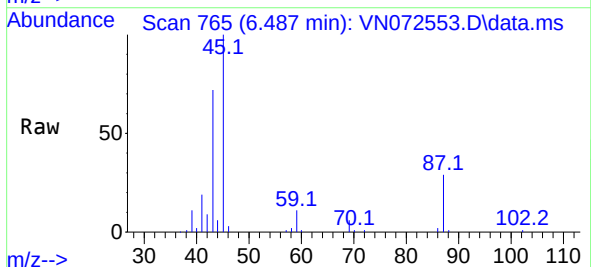
Tgt Ion: 96 Resp: 31628
Ion Ratio Lower Upper
96 100
61 143.6 105.8 158.8
98 65.9 50.3 75.5

Manual Integrations
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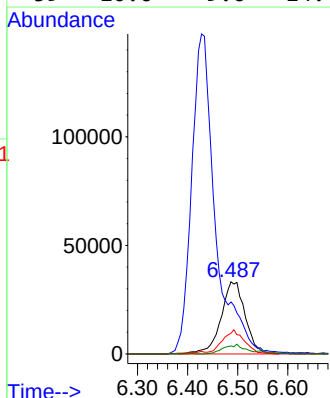
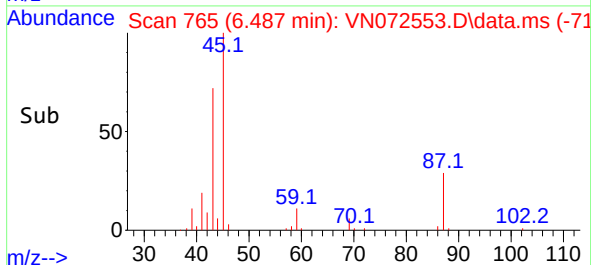
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022

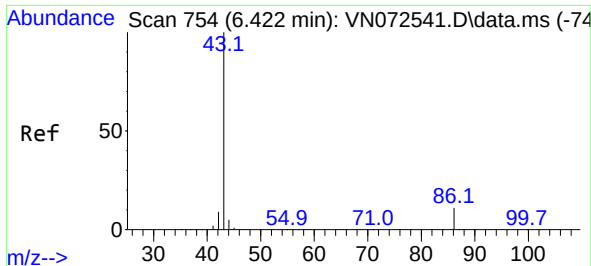


#22
Diisopropyl ether
Concen: 20.491 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.005 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25



Tgt Ion: 45 Resp: 111153
Ion Ratio Lower Upper
45 100
43 69.4 46.6 70.0
87 28.7 24.3 36.5
59 10.6 9.6 14.4





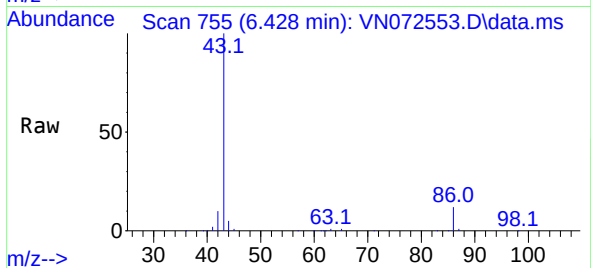
#23
 Vinyl Acetate
 Concen: 103.657 ug/l
 RT: 6.428 min Scan# 746
 Delta R.T. 0.006 min
 Lab File: VN072553.D
 Acq: 19 May 2022 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

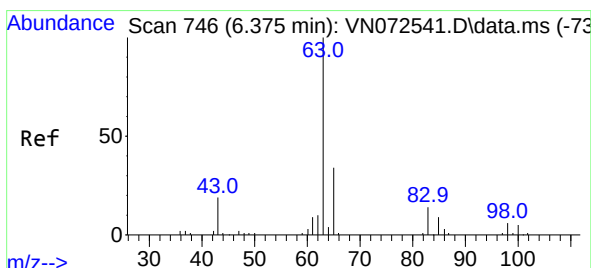
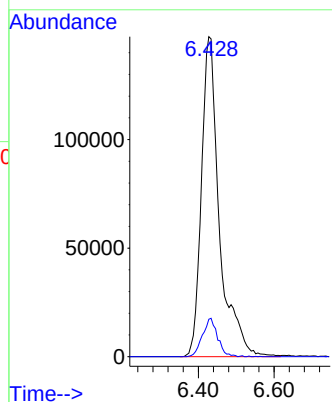
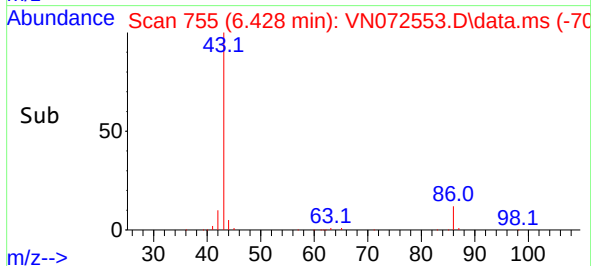


Tgt Ion: 43 Resp: 486160
 Ion Ratio Lower Upper
 43 100
 86 11.7 10.0 15.0

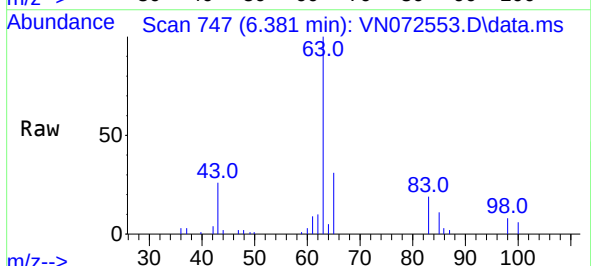
Manual Integrations

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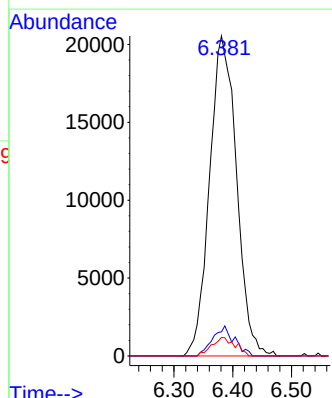
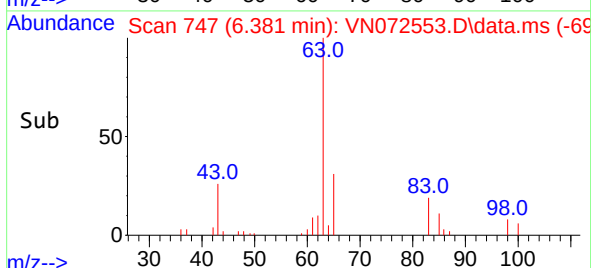
Reviewed By :John Carlone 05/20/2022
 Supervised By :Mahesh Dadoda 05/20/2022

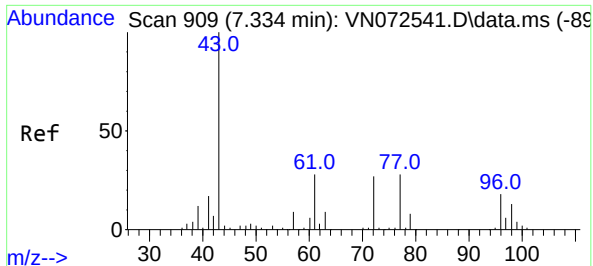


#24
 1,1-Dichloroethane
 Concen: 19.850 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. 0.006 min
 Lab File: VN072553.D
 Acq: 19 May 2022 14:25



Tgt Ion: 63 Resp: 65488
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.4
 100 5.8 2.3 6.8





#25

2-Butanone

Concen: 93.340 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.006 min

Lab File: VN072553.D

Acq: 19 May 2022 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

Tgt Ion: 43 Resp: 122680

Ion Ratio Lower Upper

43 100

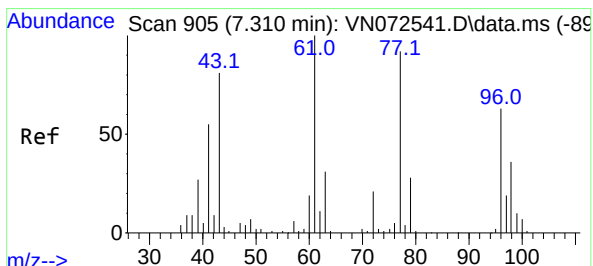
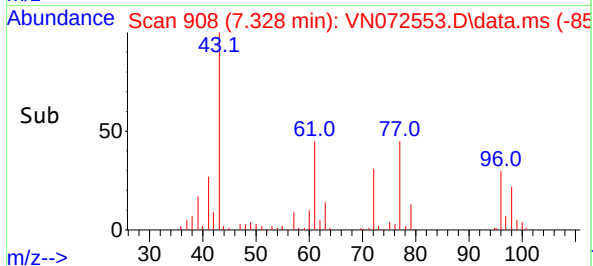
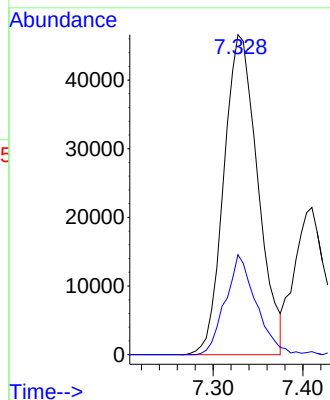
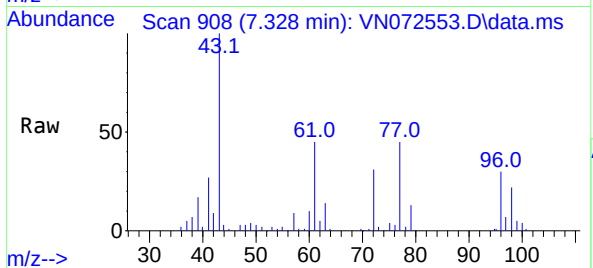
72 31.2 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/20/2022

Supervised By :Mahesh Dadoda 05/20/2022



#26

2,2-Dichloropropane

Concen: 20.424 ug/l

RT: 7.322 min Scan# 907

Delta R.T. 0.012 min

Lab File: VN072553.D

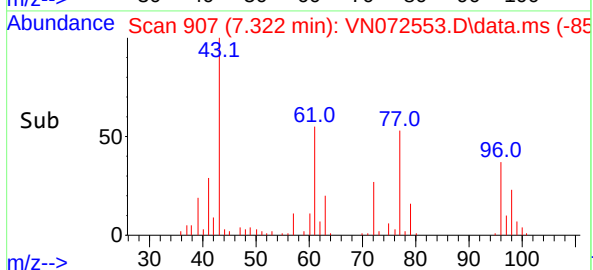
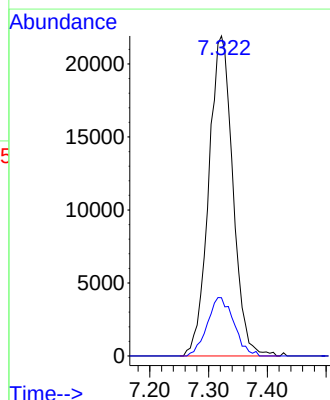
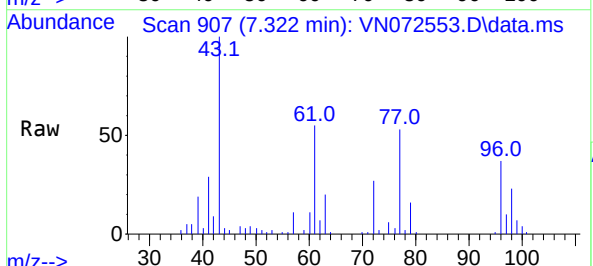
Acq: 19 May 2022 14:25

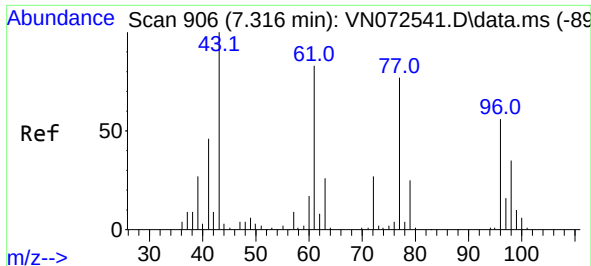
Tgt Ion: 77 Resp: 62507

Ion Ratio Lower Upper

77 100

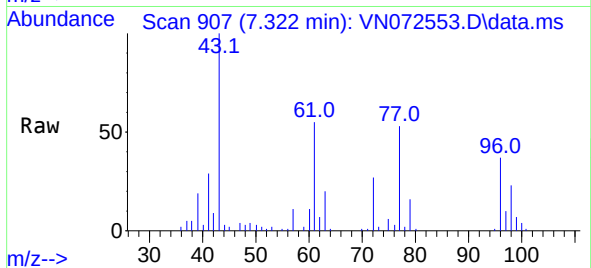
97 20.1 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 19.418 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VN072553.D
 Acq: 19 May 2022 14:25

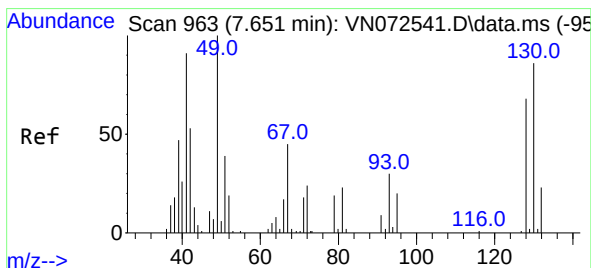
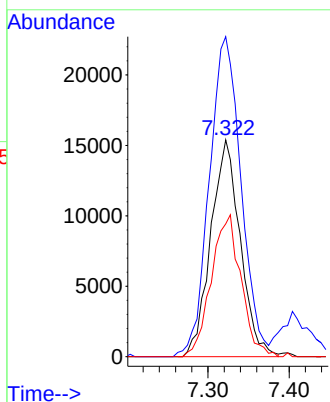
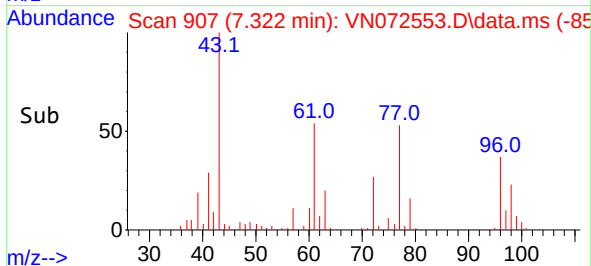
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBSD01



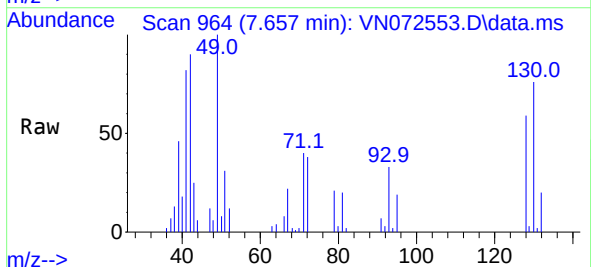
Tgt Ion: 96 Resp: 3881
 Ion Ratio Lower Upper
 96 100
 61 158.9 0.0 280.6
 98 66.0 0.0 128.4

Manual Integrations
 APPROVED

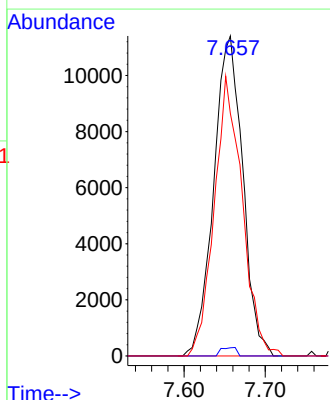
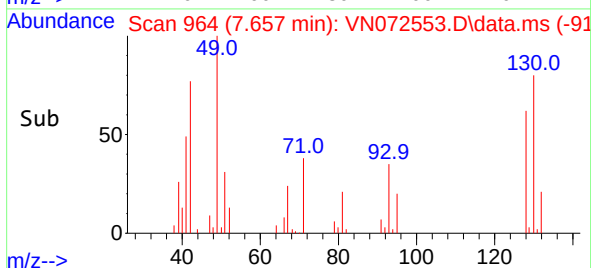
Reviewed By :John Carlone 05/20/2022
 Supervised By :Mahesh Dadoda 05/20/2022

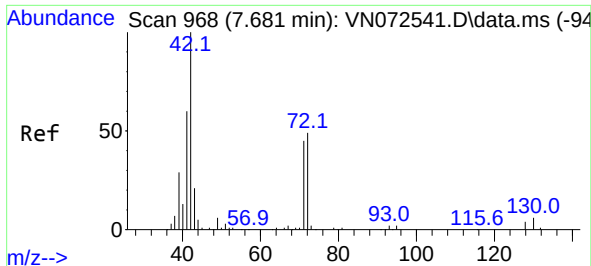


#28
 Bromochloromethane
 Concen: 21.021 ug/l
 RT: 7.657 min Scan# 964
 Delta R.T. 0.006 min
 Lab File: VN072553.D
 Acq: 19 May 2022 14:25



Tgt Ion: 49 Resp: 28349
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.6
 130 84.1 69.7 104.5





#29

Tetrahydrofuran

Concen: 99.926 ug/l

RT: 7.681 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN072553.D

Acq: 19 May 2022 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

Tgt Ion: 42 Resp: 79480

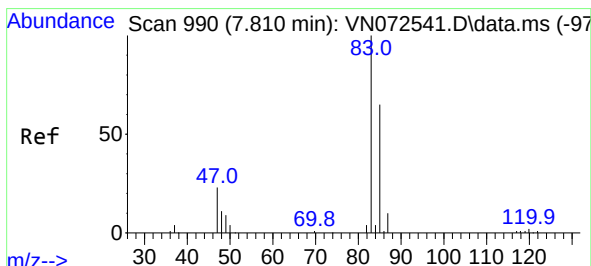
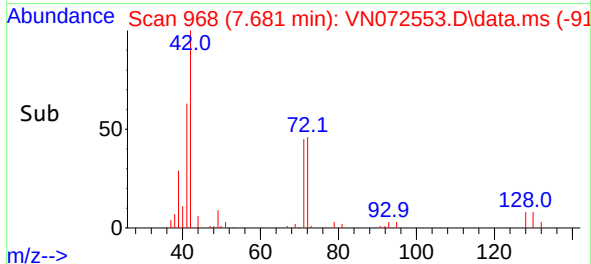
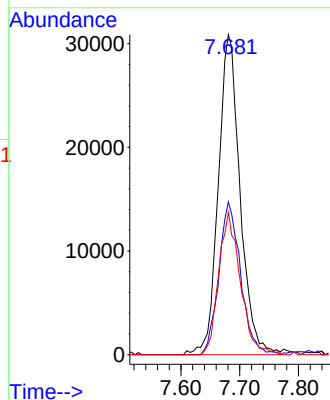
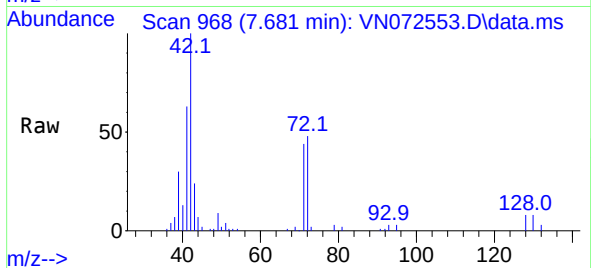
Ion	Ratio	Lower	Upper
42	100		
72	47.6	39.7	59.5
71	44.2	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/20/2022

Supervised By :Mahesh Dadoda 05/20/2022



#30

Chloroform

Concen: 19.797 ug/l

RT: 7.816 min Scan# 991

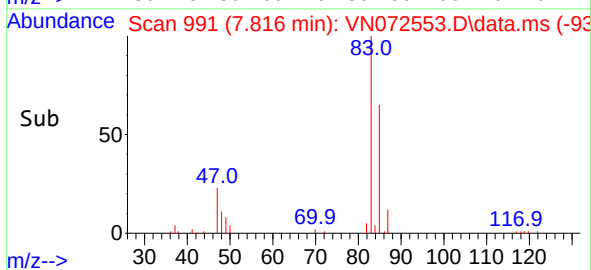
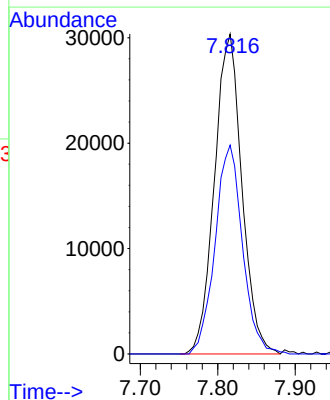
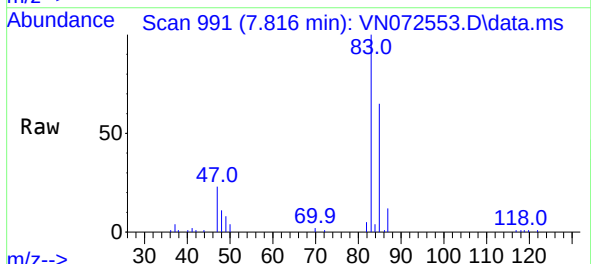
Delta R.T. 0.006 min

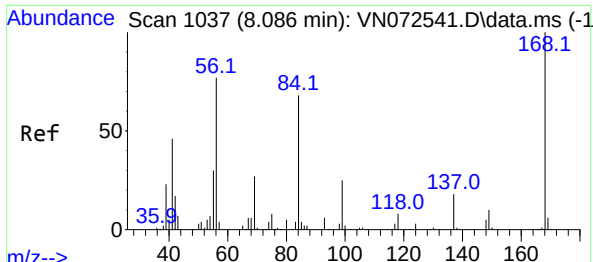
Lab File: VN072553.D

Acq: 19 May 2022 14:25

Tgt Ion: 83 Resp: 74748

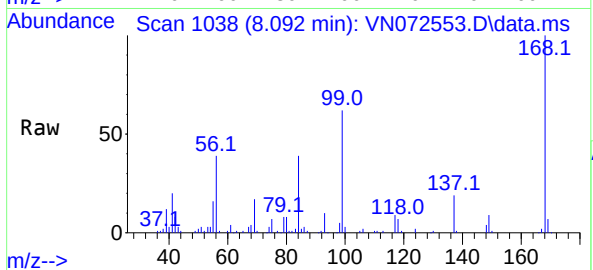
Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.8	77.8





#31
Cyclohexane
Concen: 18.728 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

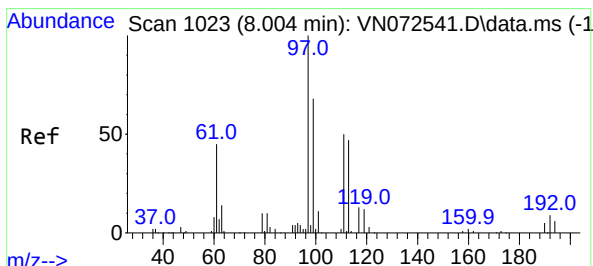
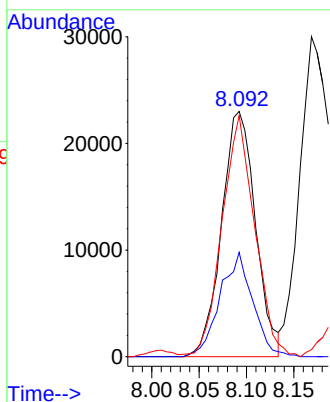
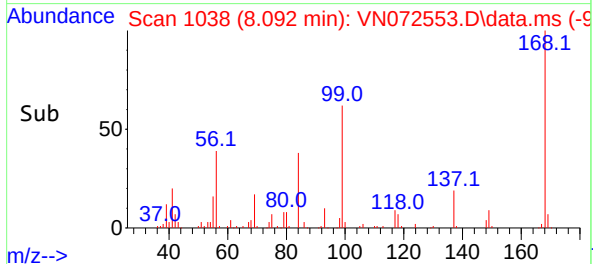
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



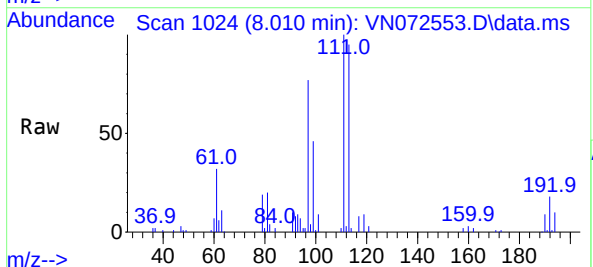
Tgt Ion: 56 Resp: 5740
Ion Ratio Lower Upper
56 100
69 42.5 27.8 41.8
84 97.5 76.9 115.3

Manual Integrations
APPROVED

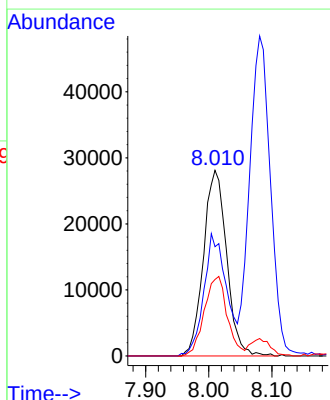
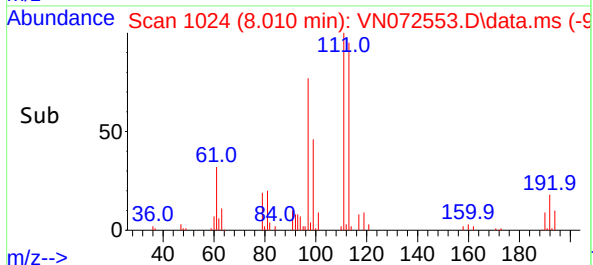
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022

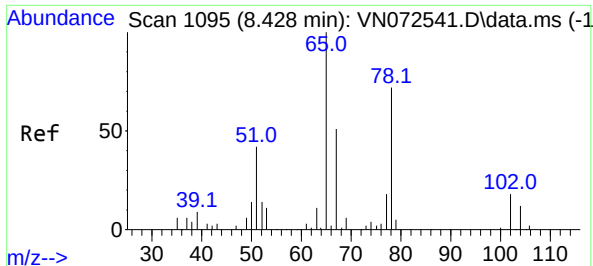


#32
1,1,1-Trichloroethane
Concen: 20.569 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.006 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25



Tgt Ion: 97 Resp: 71664
Ion Ratio Lower Upper
97 100
99 64.4 50.6 76.0
61 42.3 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 50.242 ug/l

RT: 8.433 min Scan# 1095

Delta R.T. 0.005 min

Lab File: VN072553.D

Acq: 19 May 2022 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

Tgt Ion: 65 Resp: 13854

Ion Ratio Lower Upper

65 100

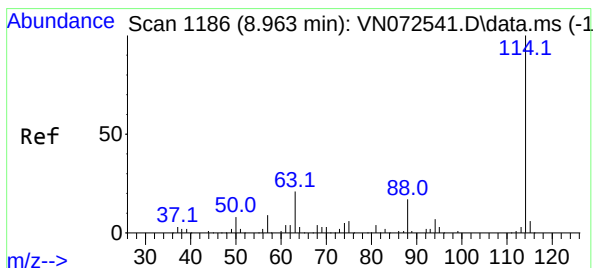
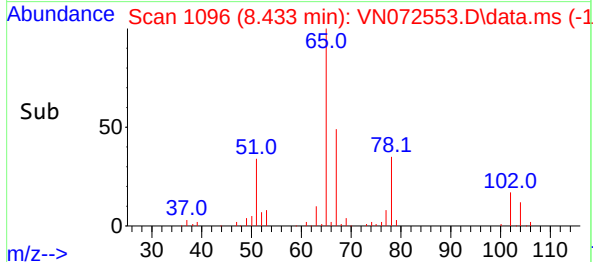
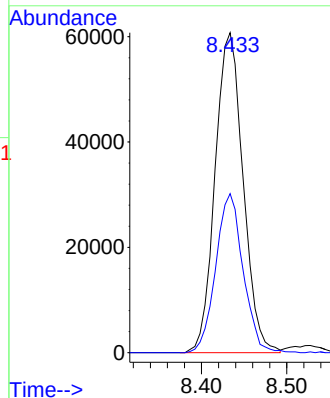
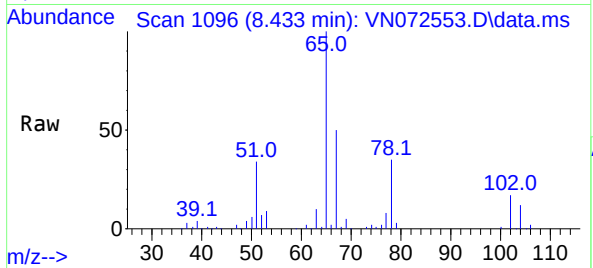
67 48.6 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/20/2022

Supervised By :Mahesh Dadoda 05/20/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072553.D

Acq: 19 May 2022 14:25

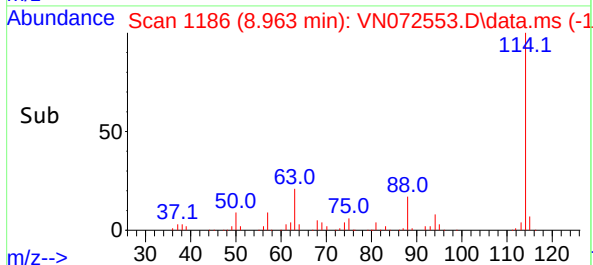
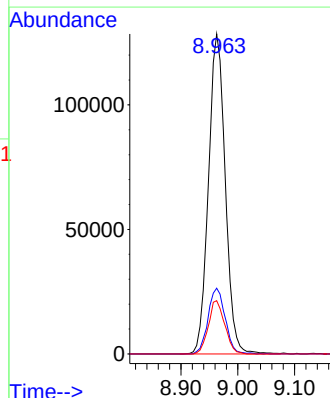
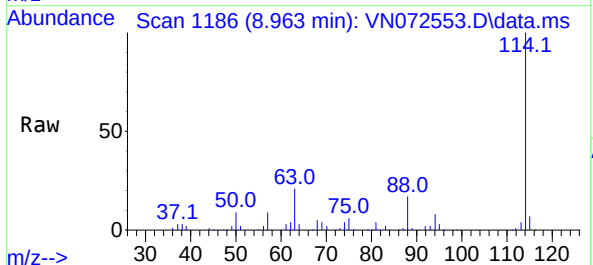
Tgt Ion:114 Resp: 263273

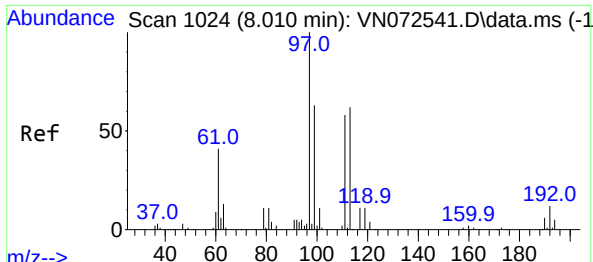
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

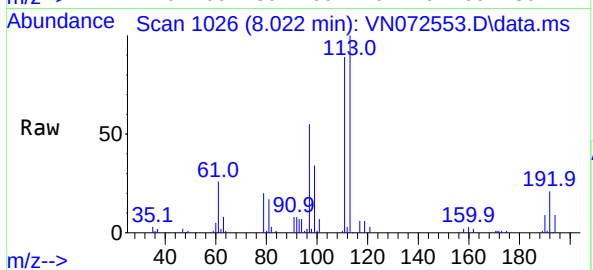
88 16.6 0.0 32.6





#35
Dibromofluoromethane
Concen: 52.759 ug/l
RT: 8.022 min Scan# 1060
Delta R.T. 0.012 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

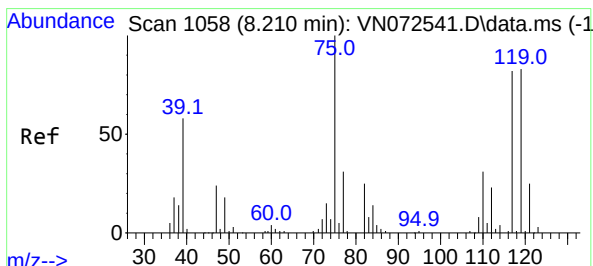
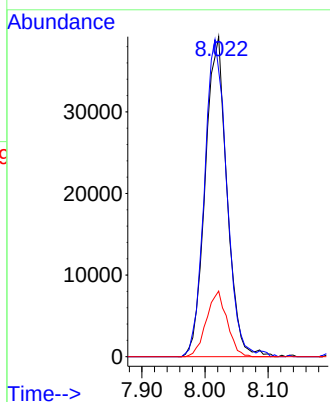
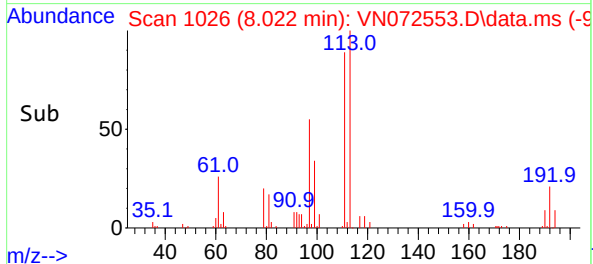
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



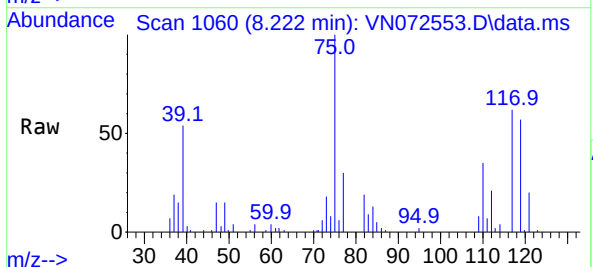
Tgt Ion: 113 Resp: 9372
Ion Ratio Lower Upper
113 100
111 101.0 81.4 122.0
192 19.5 17.0 25.6

Manual Integrations
APPROVED

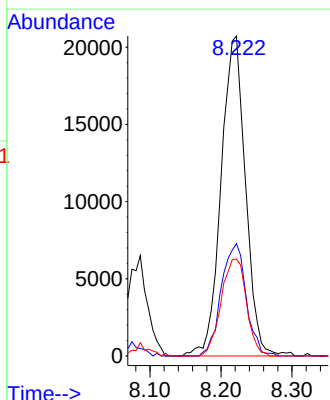
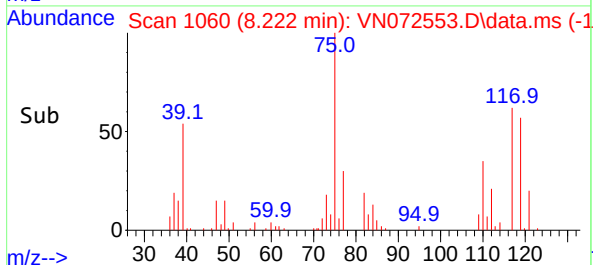
Reviewed By : John Carlone 05/20/2022
Supervised By : Mahesh Dadoda 05/20/2022

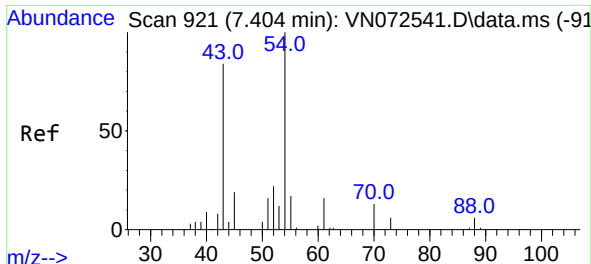


#36
1,1-Dichloropropene
Concen: 20.409 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.012 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25



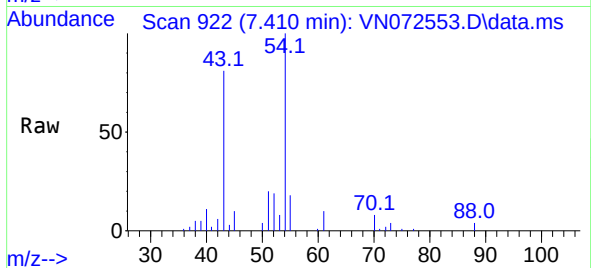
Tgt Ion: 75 Resp: 49356
Ion Ratio Lower Upper
75 100
110 36.0 18.3 54.8
77 31.4 25.1 37.7





#37
Ethyl Acetate
Concen: 20.775 ug/l
RT: 7.410 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

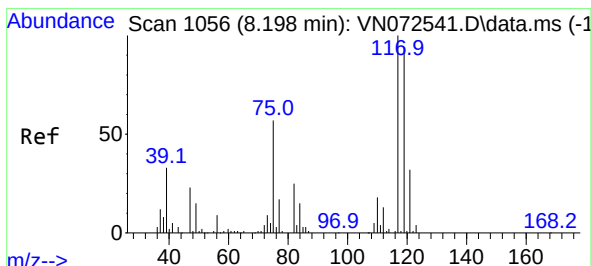
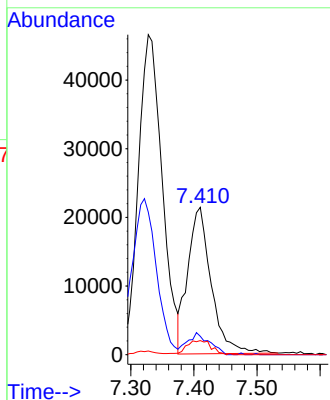
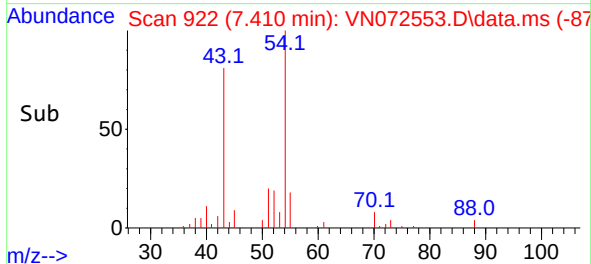
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



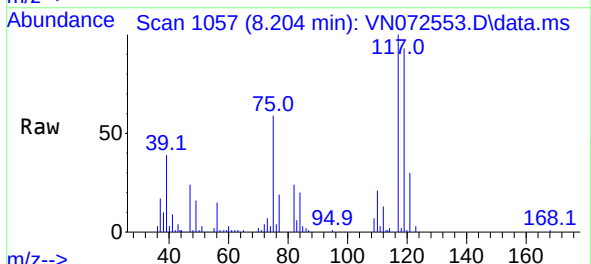
Tgt Ion: 43 Resp: 5521
Ion Ratio Lower Upper
43 100
61 13.9 11.8 17.6
70 10.3 9.3 13.9

Manual Integrations
APPROVED

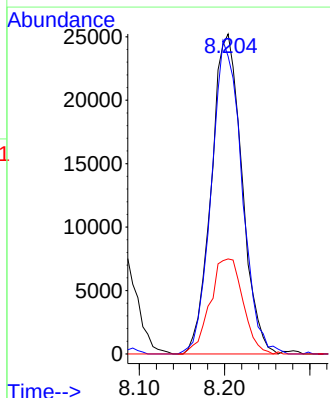
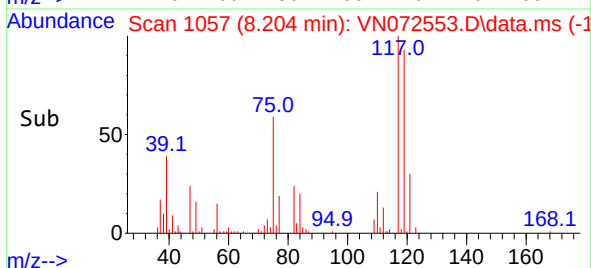
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022

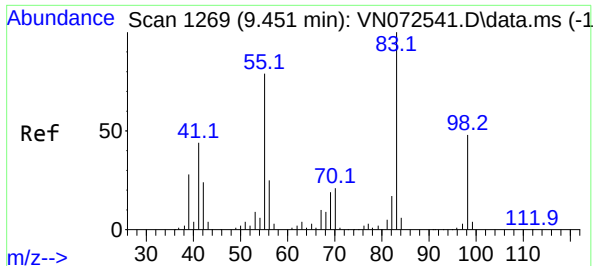


#38
Carbon Tetrachloride
Concen: 20.970 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25



Tgt Ion: 117 Resp: 62770
Ion Ratio Lower Upper
117 100
119 93.0 75.8 113.8
121 29.7 24.6 37.0





#39

Methylcyclohexane

Concen: 19.714 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN072553.D

Acq: 19 May 2022 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

Tgt Ion: 83 Resp: 5564

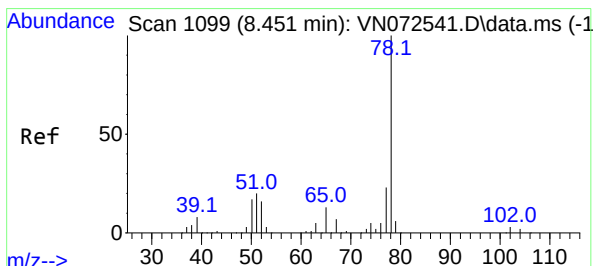
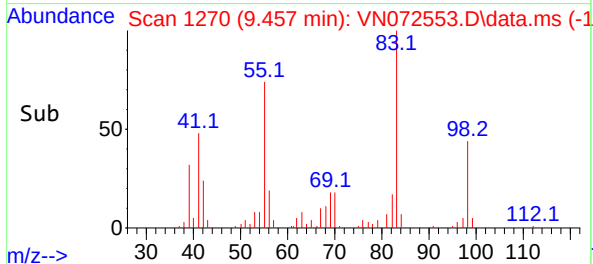
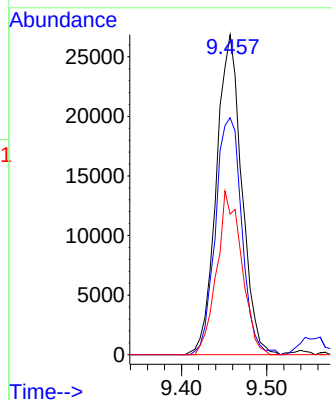
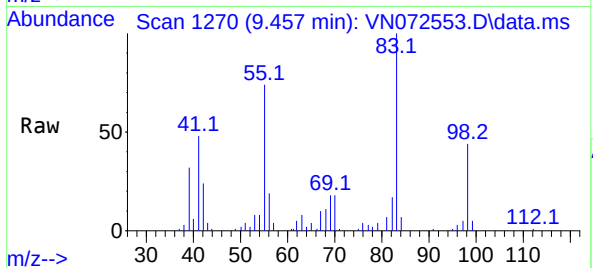
Ion	Ratio	Lower	Upper
83	100		
55	74.1	57.8	86.8
98	43.9	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/20/2022

Supervised By :Mahesh Dadoda 05/20/2022



#40

Benzene

Concen: 20.313 ug/l

RT: 8.457 min Scan# 1100

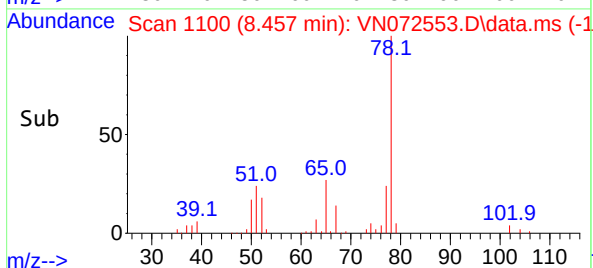
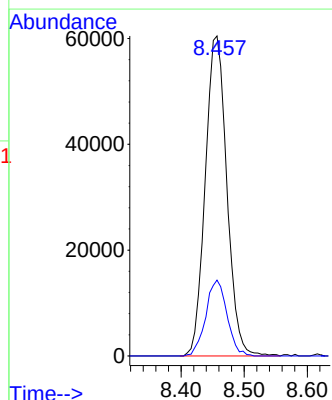
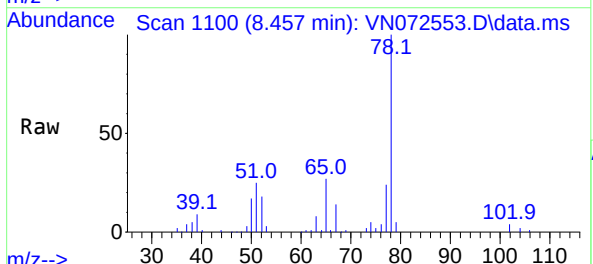
Delta R.T. 0.006 min

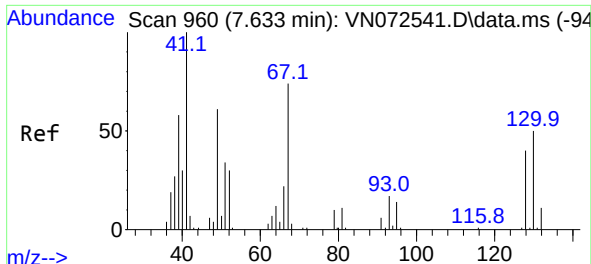
Lab File: VN072553.D

Acq: 19 May 2022 14:25

Tgt Ion: 78 Resp: 143539

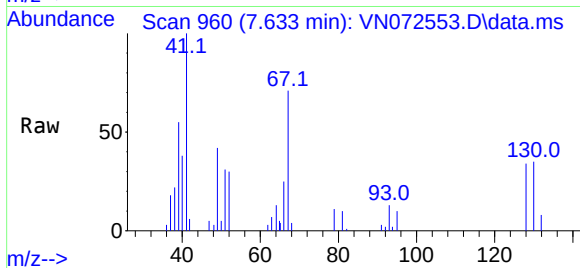
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.4	29.0





#41
Methacrylonitrile
Concen: 22.113 ug/l
RT: 7.633 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

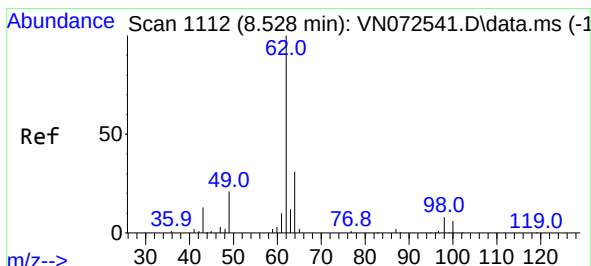
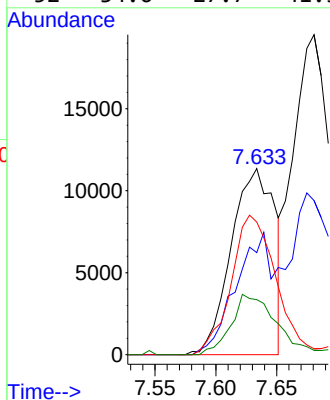
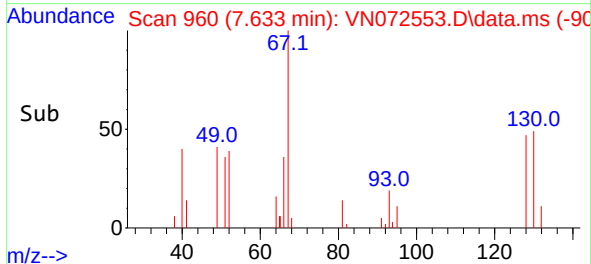
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



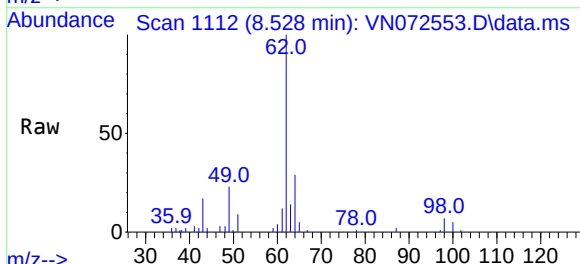
Tgt Ion: 41 Resp: 2819
Ion Ratio Lower Upper
41 100
39 64.7 48.6 73.0
67 78.0 73.4 110.2
52 34.6 27.7 41.5

Manual Integrations
APPROVED

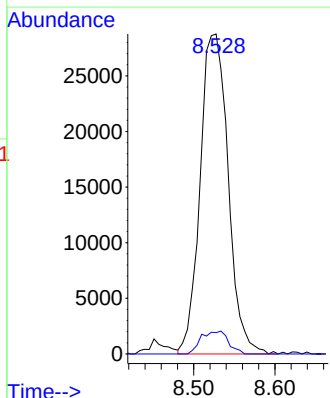
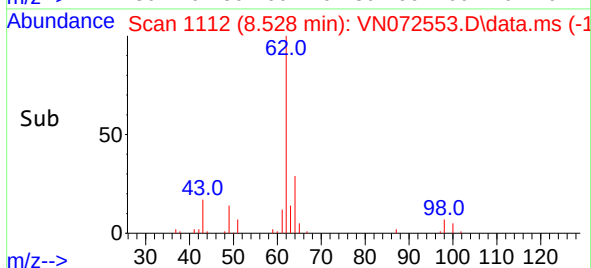
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022

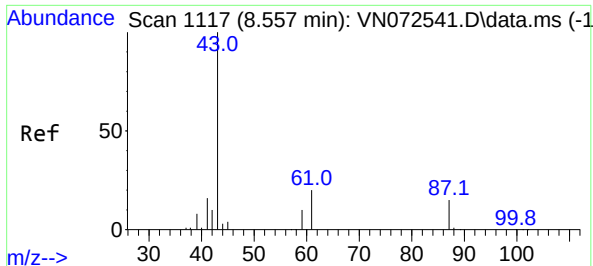


#42
1,2-Dichloroethane
Concen: 21.047 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25



Tgt Ion: 62 Resp: 69013
Ion Ratio Lower Upper
62 100
98 6.9 0.0 19.4





#43

Isopropyl Acetate

Concen: 19.783 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. -0.000 min

Lab File: VN072553.D

Acq: 19 May 2022 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

Tgt Ion: 43 Resp: 84540

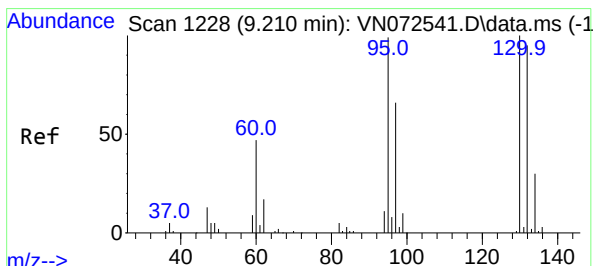
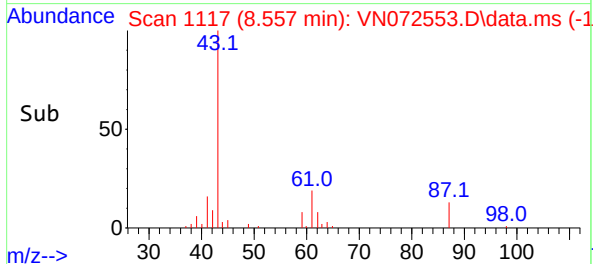
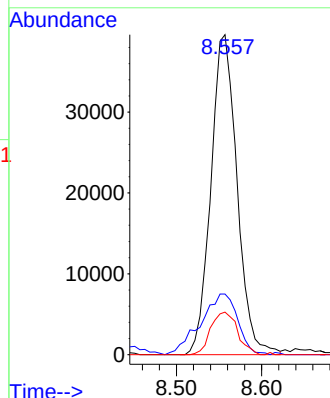
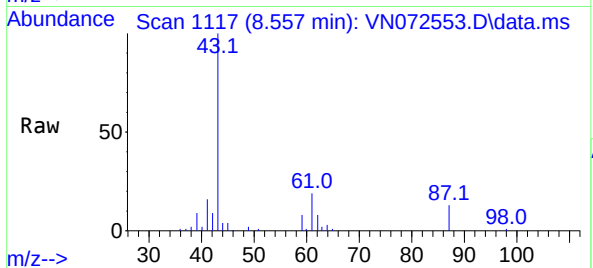
Ion	Ratio	Lower	Upper
43	100		
61	26.8	21.9	32.9
87	13.6	12.0	18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/20/2022

Supervised By :Mahesh Dadoda 05/20/2022



#44

Trichloroethene

Concen: 20.004 ug/l

RT: 9.210 min Scan# 1228

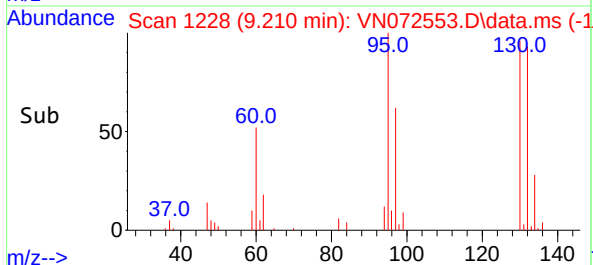
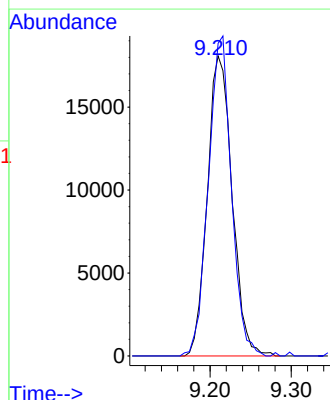
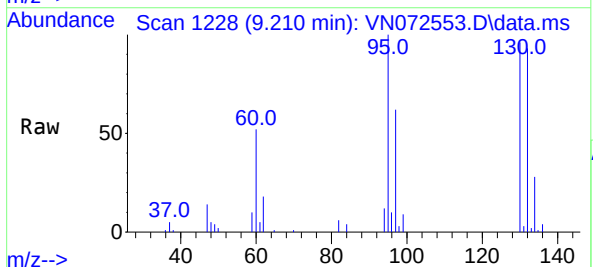
Delta R.T. -0.000 min

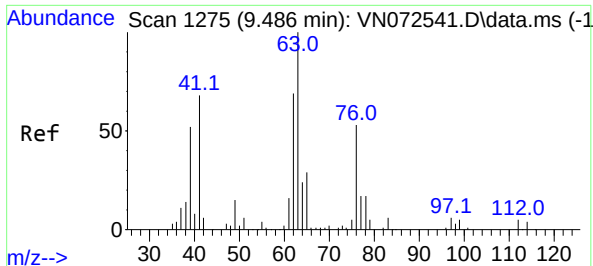
Lab File: VN072553.D

Acq: 19 May 2022 14:25

Tgt Ion:130 Resp: 38429

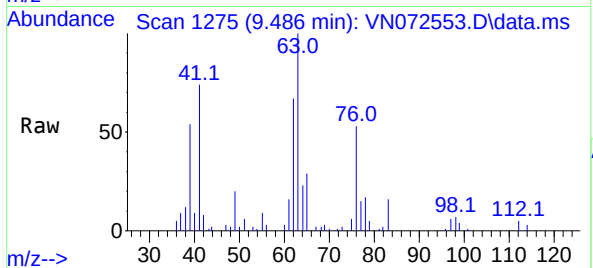
Ion	Ratio	Lower	Upper
130	100		
95	104.2	0.0	186.8





#45
1,2-Dichloropropane
Concen: 21.026 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

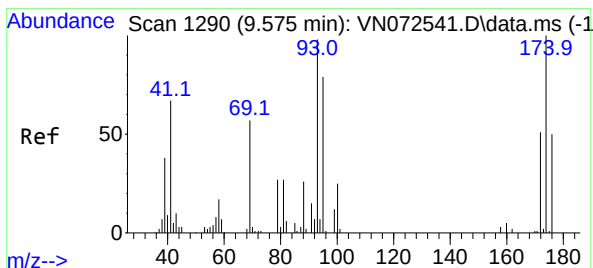
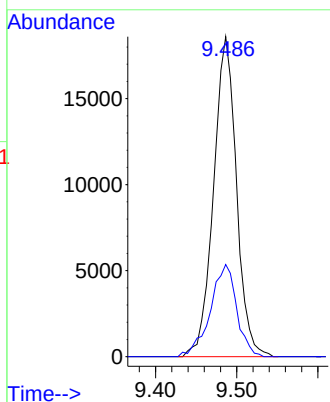
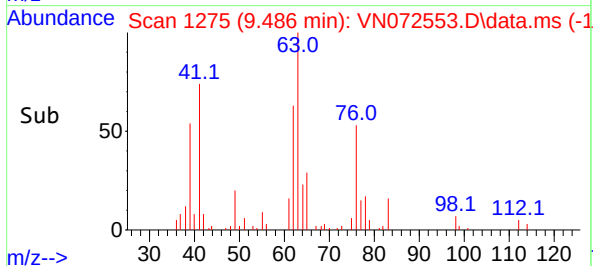
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



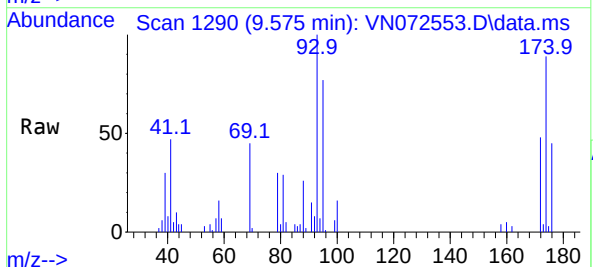
Tgt Ion: 63 Resp: 3652
Ion Ratio Lower Upper
63 100
65 28.8 24.9 37.3

Manual Integrations
APPROVED

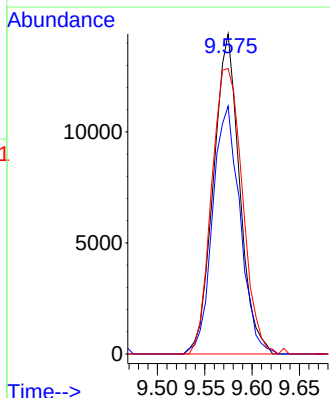
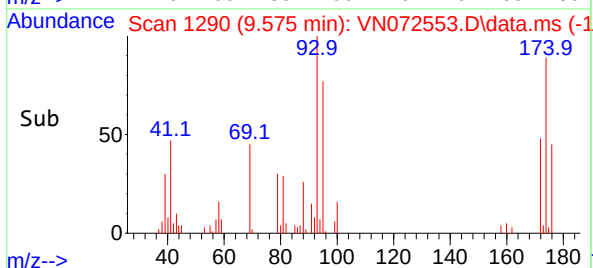
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022

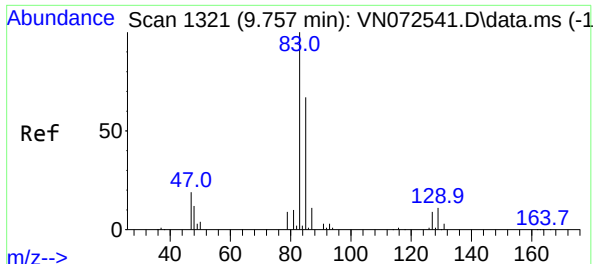


#46
Dibromomethane
Concen: 21.068 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25



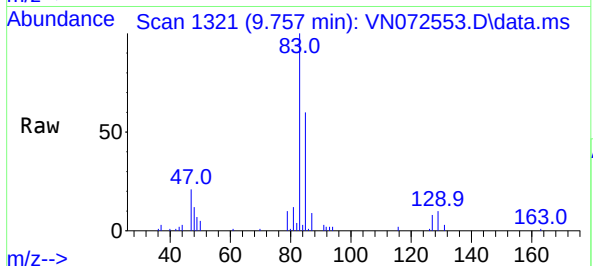
Tgt Ion: 93 Resp: 27666
Ion Ratio Lower Upper
93 100
95 81.4 66.9 100.3
174 104.8 86.6 130.0





#47
Bromodichloromethane
Concen: 21.939 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

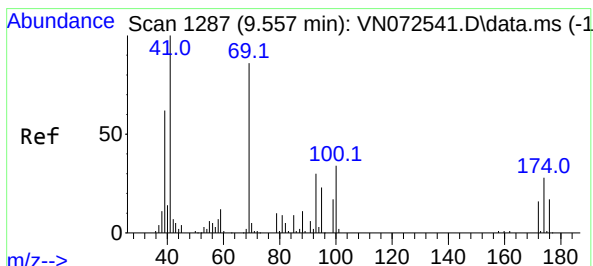
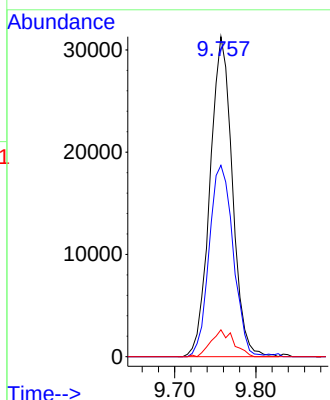
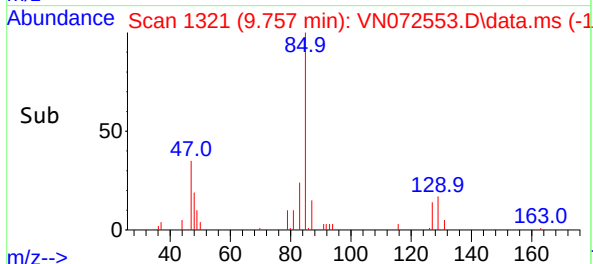
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



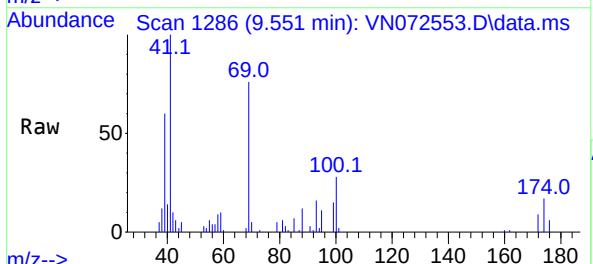
Tgt Ion: 83 Resp: 6004
Ion Ratio Lower Upper
83 100
85 59.8 50.5 75.7
127 8.4 6.8 10.2

Manual Integrations
APPROVED

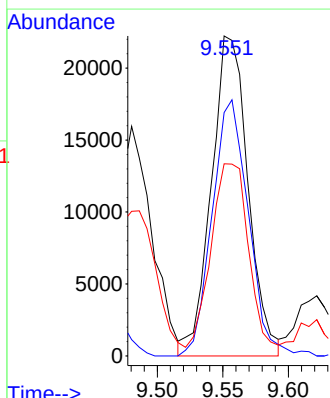
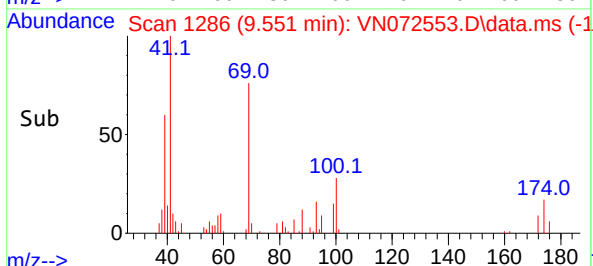
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022

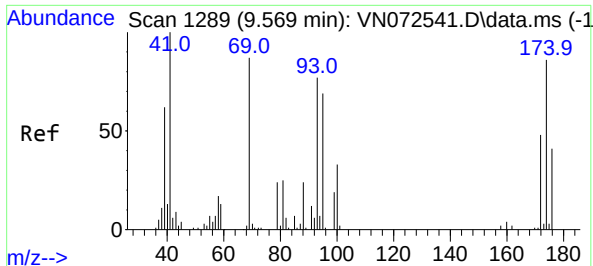


#48
Methyl methacrylate
Concen: 21.230 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25



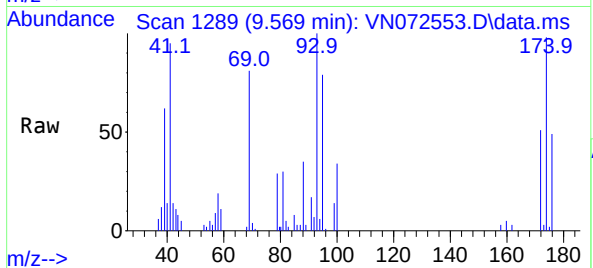
Tgt Ion: 41 Resp: 43200
Ion Ratio Lower Upper
41 100
69 79.5 74.7 112.1
39 62.9 45.6 68.4





#49
1,4-Dioxane
Concen: 505.621 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. -0.000 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

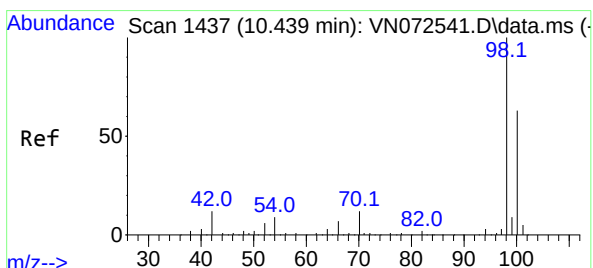
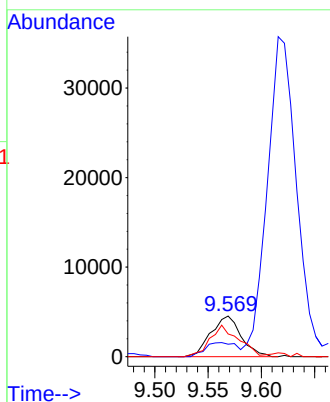
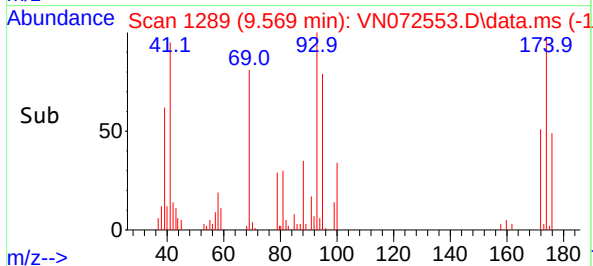
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



Tgt Ion: 88 Resp: 895
Ion Ratio Lower Upper
88 100
43 36.1 20.2 30.4
58 73.6 54.2 81.4

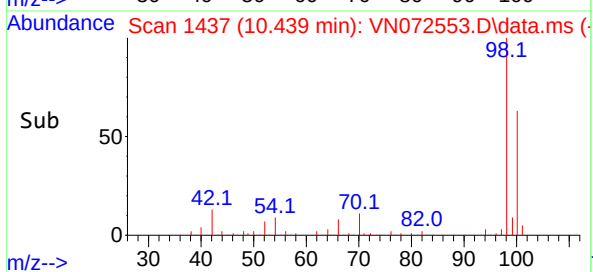
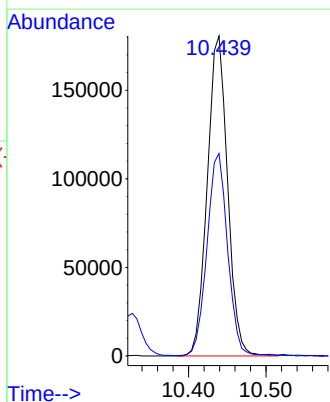
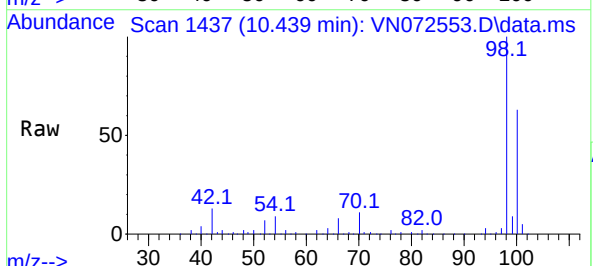
Manual Integrations
APPROVED

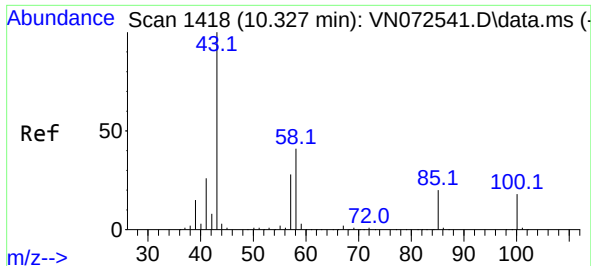
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022



#50
Toluene-d8
Concen: 48.941 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

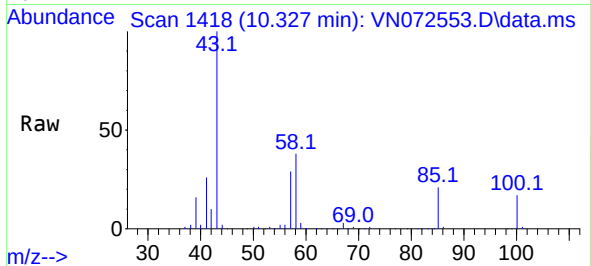
Tgt Ion: 98 Resp: 329083
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 91.332 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

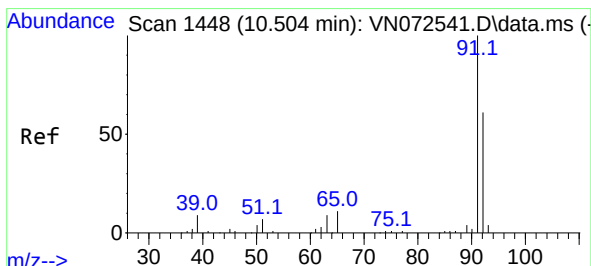
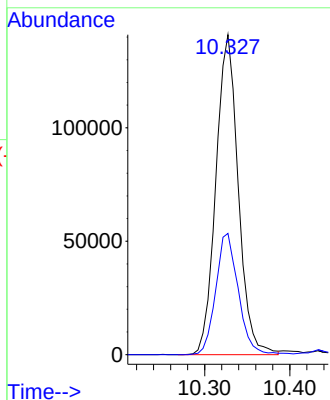
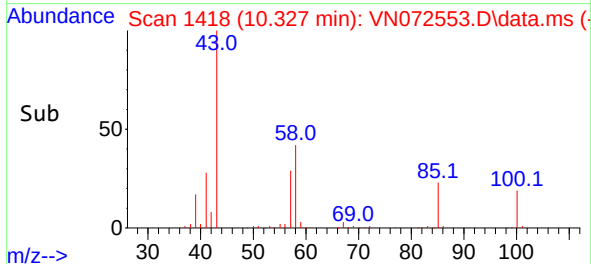
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



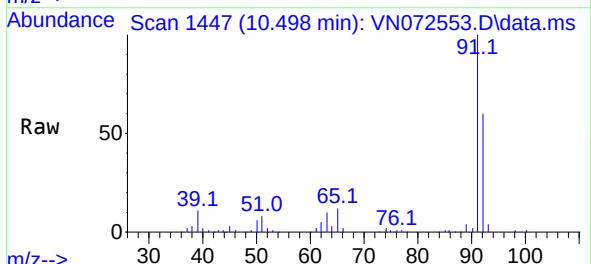
Tgt Ion: 43 Resp: 257554
Ion Ratio Lower Upper
43 100
58 38.3 34.1 51.1

Manual Integrations
APPROVED

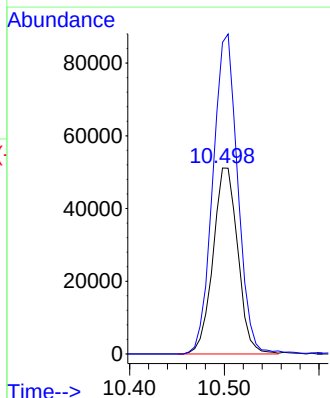
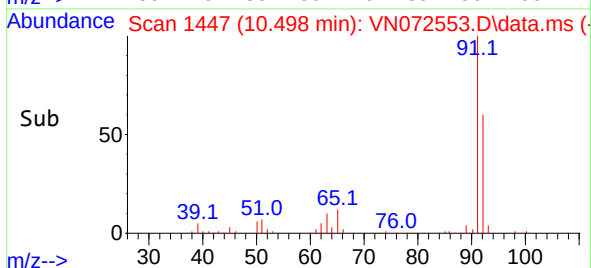
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022

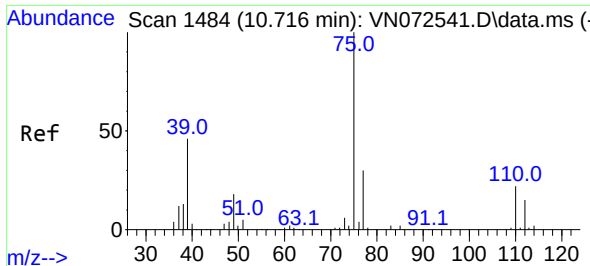


#52
Toluene
Concen: 20.303 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25



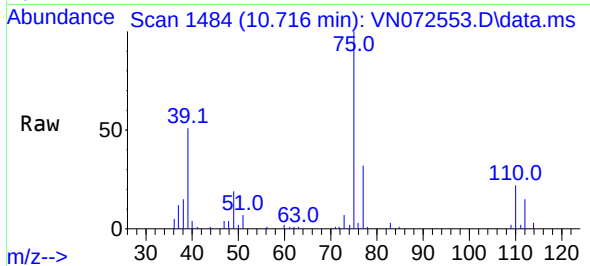
Tgt Ion: 92 Resp: 93023
Ion Ratio Lower Upper
92 100
91 172.7 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 20.335 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

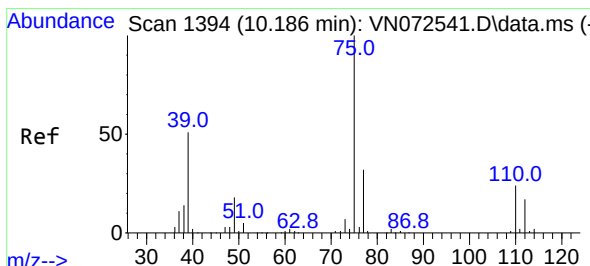
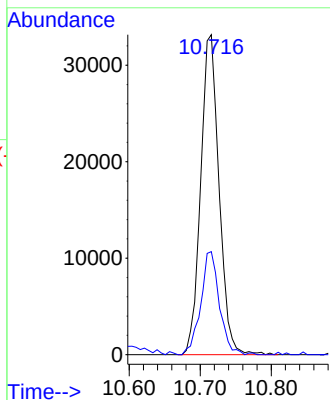
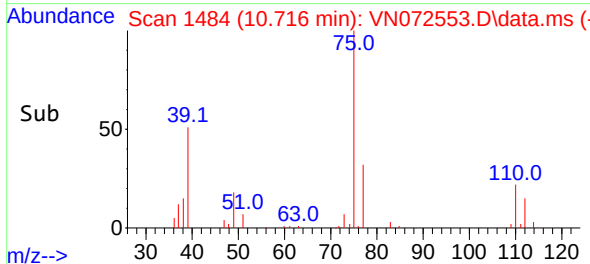
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



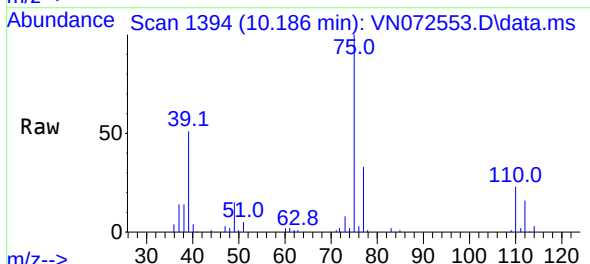
Tgt Ion: 75 Resp: 59758
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4

Manual Integrations
APPROVED

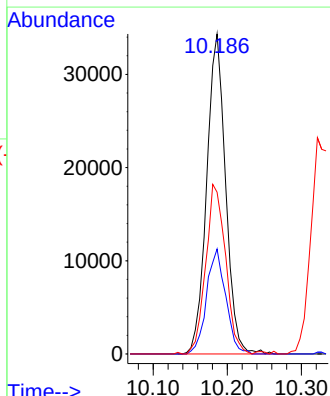
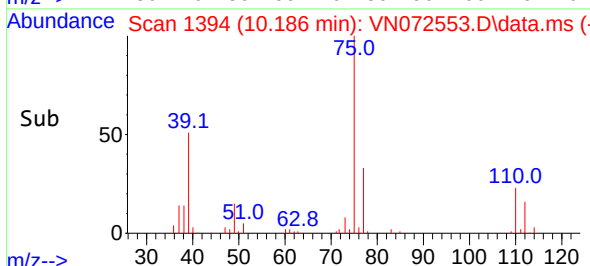
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022

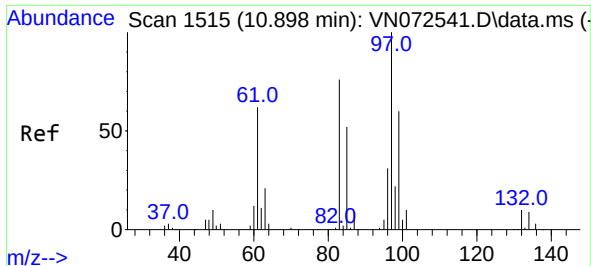


#54
cis-1,3-Dichloropropene
Concen: 20.988 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25



Tgt Ion: 75 Resp: 60891
Ion Ratio Lower Upper
75 100
77 32.8 25.2 37.8
39 50.5 35.7 53.5





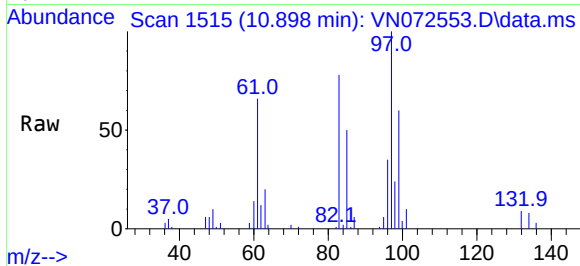
#55
1,1,2-Trichloroethane
Concen: 19.484 ug/l
RT: 10.898 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01



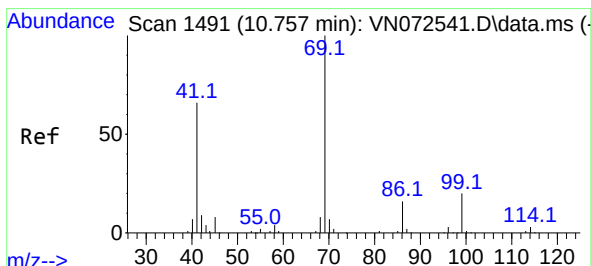
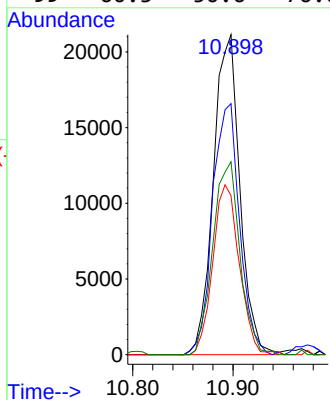
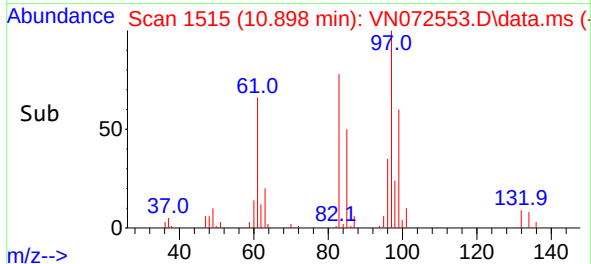
Tgt Ion: 97 Resp: 38790
Ion Ratio Lower Upper
97 100
83 78.5 66.2 99.4
85 49.7 43.9 65.9
99 60.3 50.6 76.0

Manual Integrations

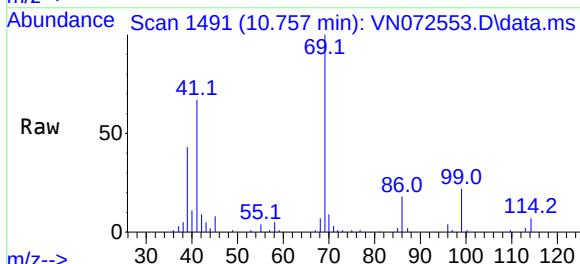
APPROVED

Reviewed By :John Carlone 05/20/2022

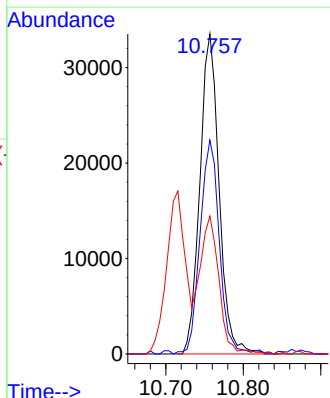
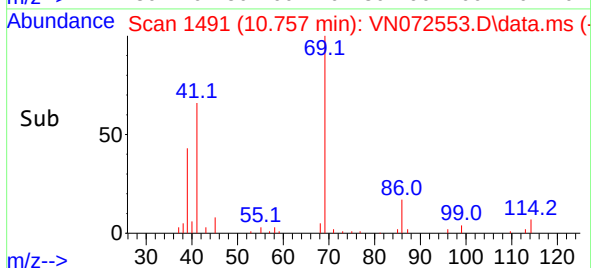
Supervised By :Mahesh Dadoda 05/20/2022

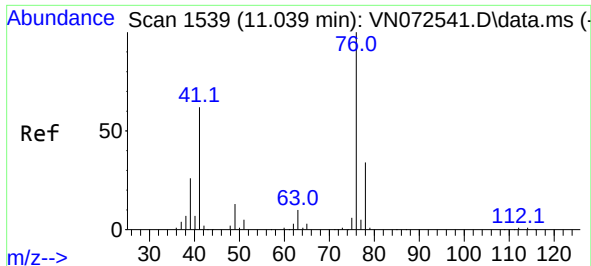


#56
Ethyl methacrylate
Concen: 19.404 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25



Tgt Ion: 69 Resp: 57857
Ion Ratio Lower Upper
69 100
41 66.6 47.8 71.6
39 43.3 27.3 40.9





#57

1,3-Dichloropropane

Concen: 19.566 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN072553.D

Acq: 19 May 2022 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

Tgt Ion: 76 Resp: 65689

Ion Ratio Lower Upper

76 100

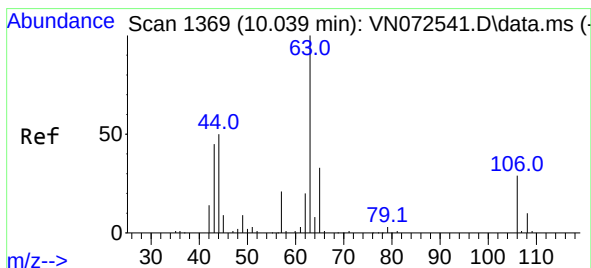
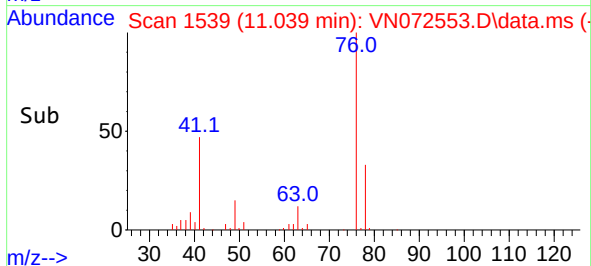
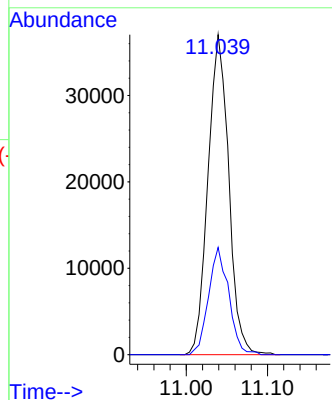
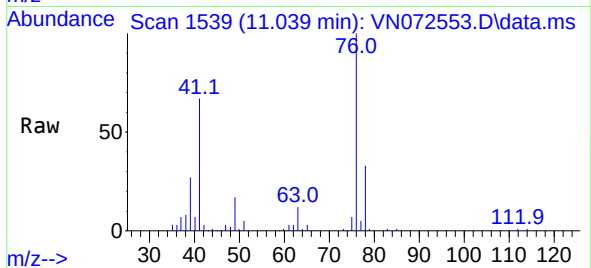
78 32.8 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/20/2022

Supervised By :Mahesh Dadoda 05/20/2022



#58

2-Chloroethyl Vinyl ether

Concen: 80.083 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN072553.D

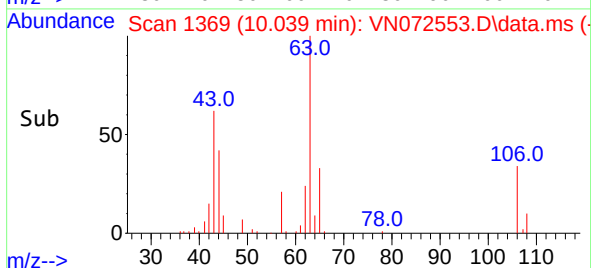
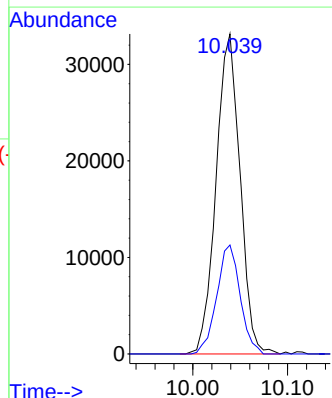
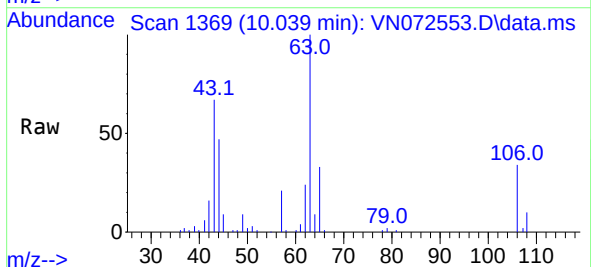
Acq: 19 May 2022 14:25

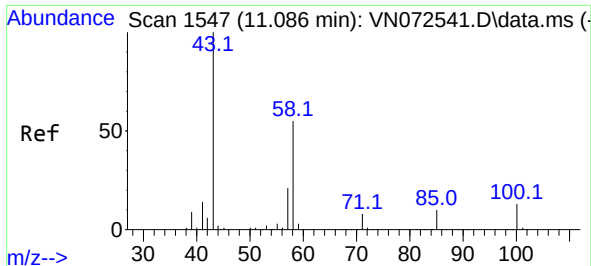
Tgt Ion: 63 Resp: 58297

Ion Ratio Lower Upper

63 100

106 33.3 24.6 36.8





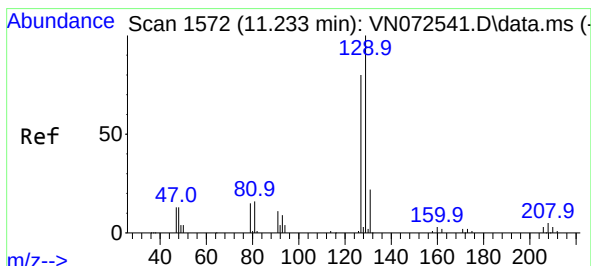
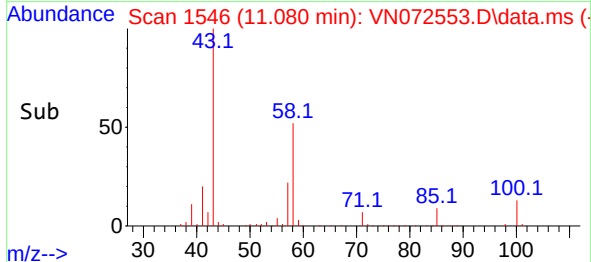
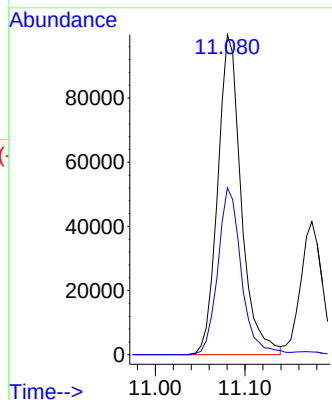
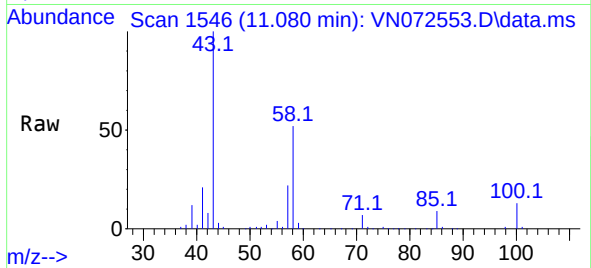
#59
2-Hexanone
Concen: 92.423 ug/l
RT: 11.080 min Scan# 1154
Delta R.T. -0.006 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

Tgt Ion: 43 Resp: 181154
Ion Ratio Lower Upper
43 100
58 52.2 29.7 89.1

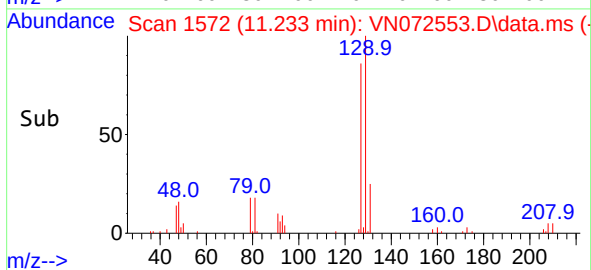
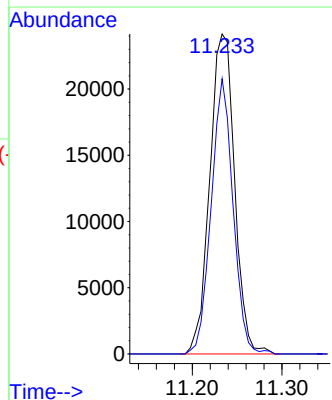
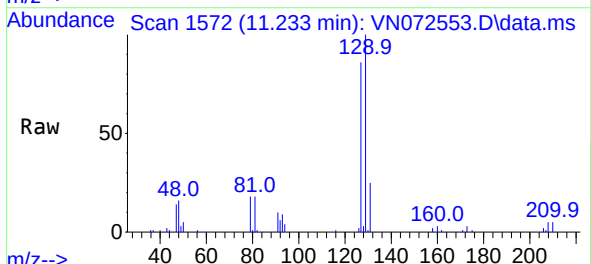
Manual Integrations
APPROVED

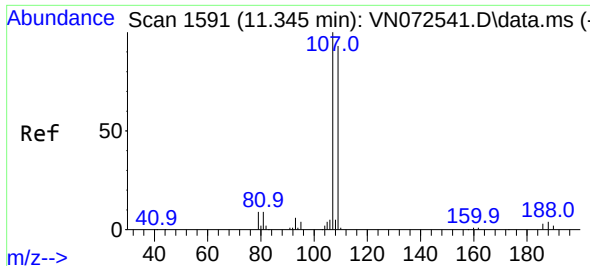
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022



#60
Dibromochloromethane
Concen: 20.423 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

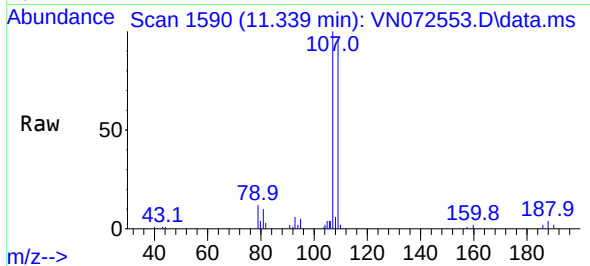
Tgt Ion:129 Resp: 46464
Ion Ratio Lower Upper
129 100
127 75.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.579 ug/l
RT: 11.339 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

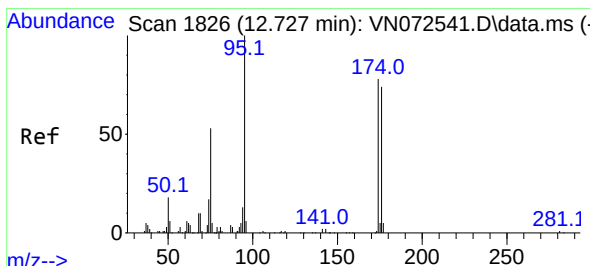
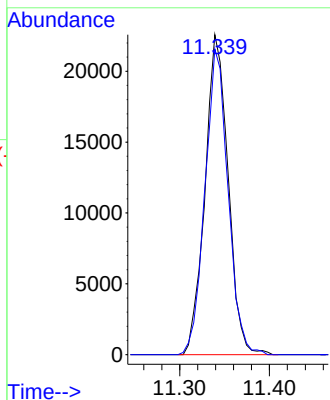
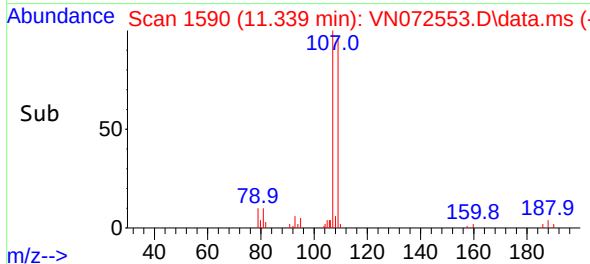
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



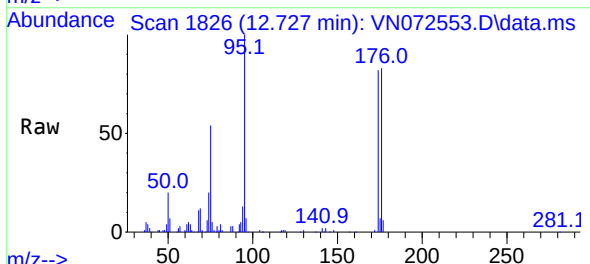
Tgt Ion:107 Resp: 40430
Ion Ratio Lower Upper
107 100
109 95.3 75.0 112.6

Manual Integrations
APPROVED

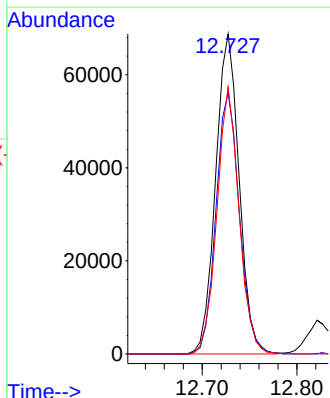
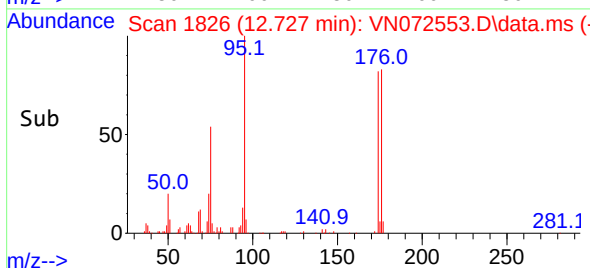
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022

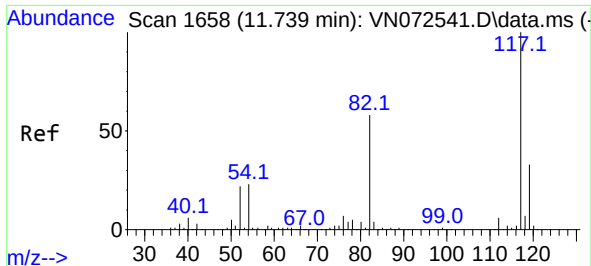


#62
4-Bromofluorobenzene
Concen: 46.349 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25



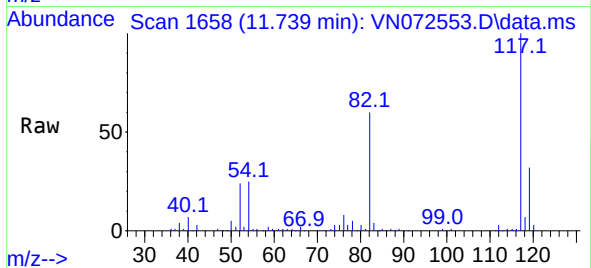
Tgt Ion: 95 Resp: 118384
Ion Ratio Lower Upper
95 100
174 81.4 0.0 167.6
176 78.6 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

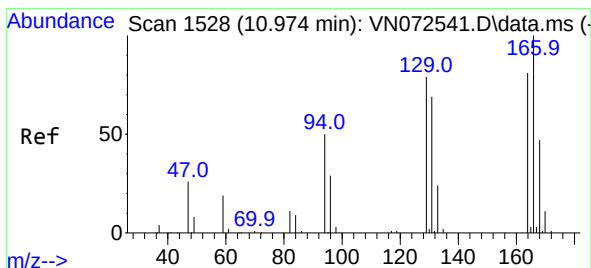
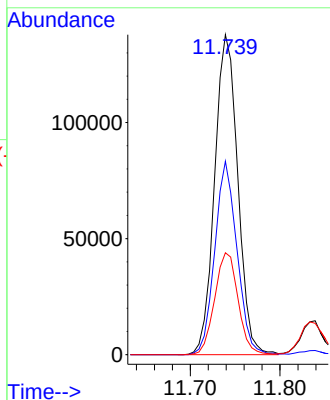
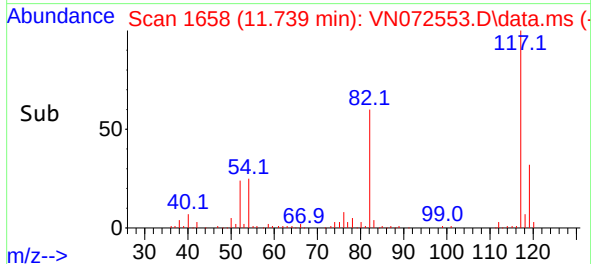
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



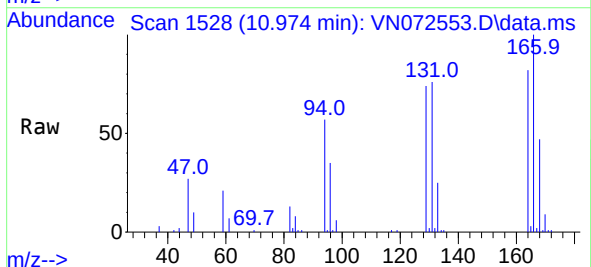
Tgt Ion:117 Resp: 246938
Ion Ratio Lower Upper
117 100
82 60.4 44.2 66.2
119 31.8 25.4 38.0

Manual Integrations
APPROVED

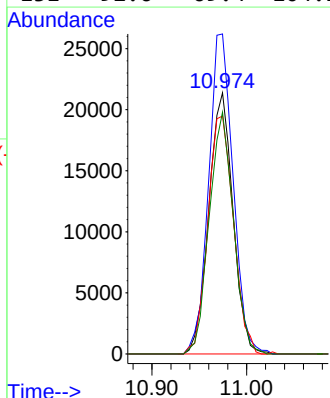
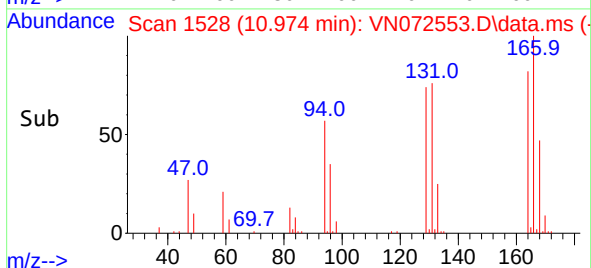
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022

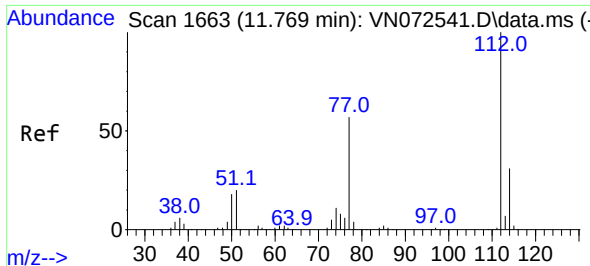


#64
Tetrachloroethene
Concen: 22.168 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25



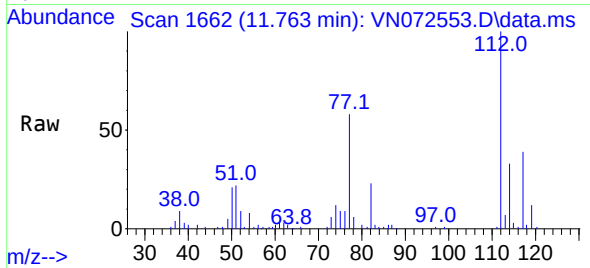
Tgt Ion:164 Resp: 37988
Ion Ratio Lower Upper
164 100
166 122.6 104.2 156.2
129 91.1 73.9 110.9
131 92.6 69.4 104.2





#65
Chlorobenzene
Concen: 20.340 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

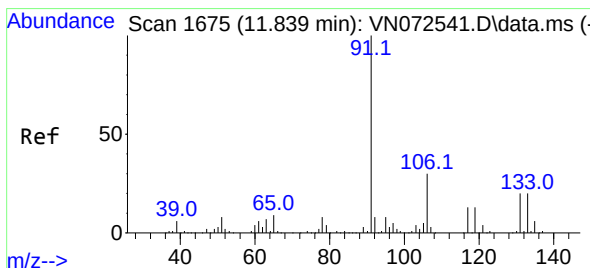
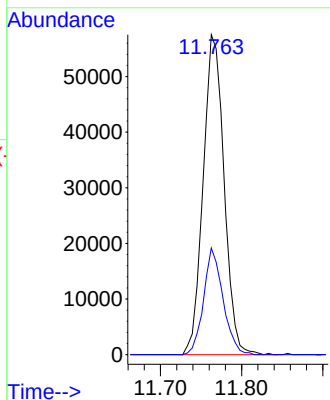
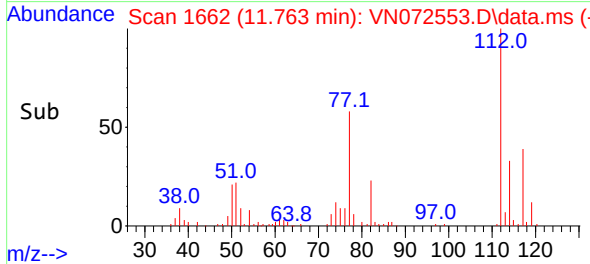
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



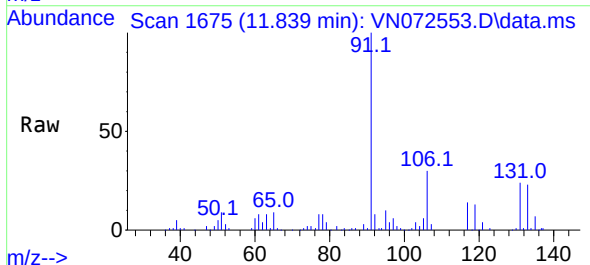
Tgt Ion:112 Resp: 10292
Ion Ratio Lower Upper
112 100
114 33.3 25.4 38.2

Manual Integrations
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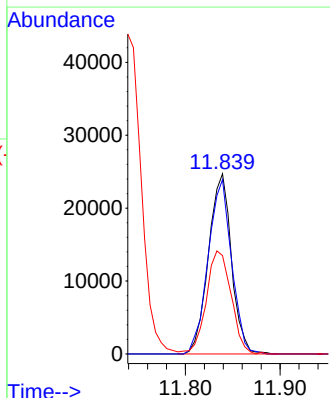
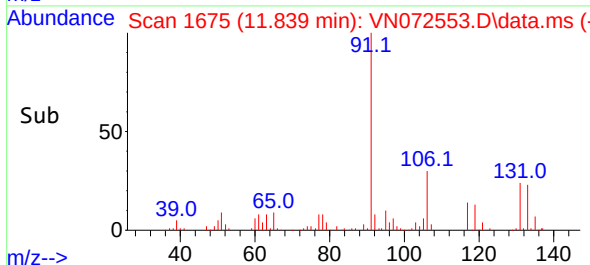
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022

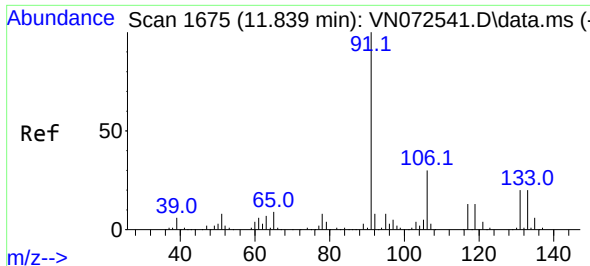


#66
1,1,1,2-Tetrachloroethane
Concen: 20.528 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25



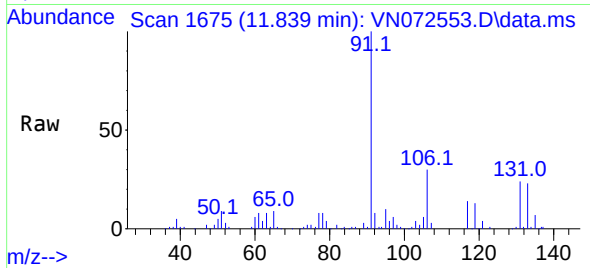
Tgt Ion:131 Resp: 41710
Ion Ratio Lower Upper
131 100
133 98.7 47.8 143.4
119 61.9 33.4 100.2





#67
Ethyl Benzene
Concen: 20.286 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

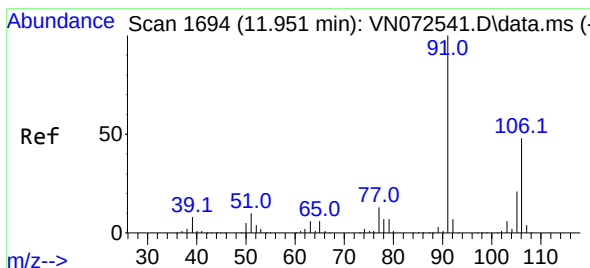
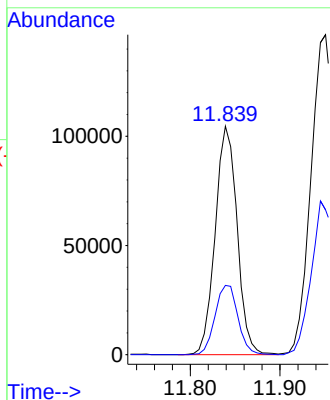
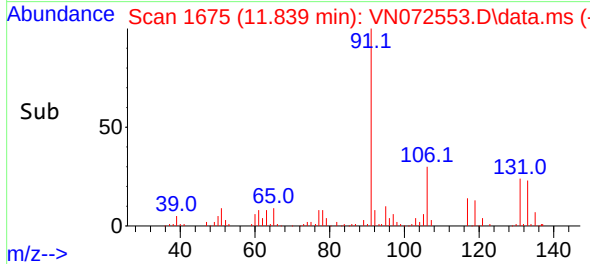
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



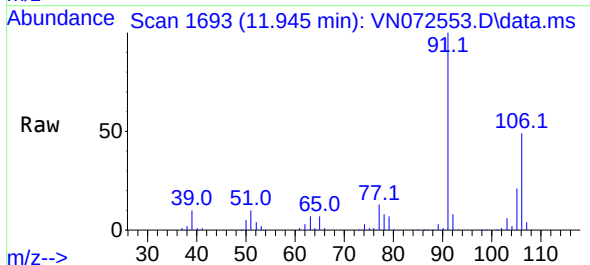
Tgt Ion: 91 Resp: 17768
Ion Ratio Lower Upper
91 100
106 30.3 24.9 37.3

Manual Integrations
APPROVED

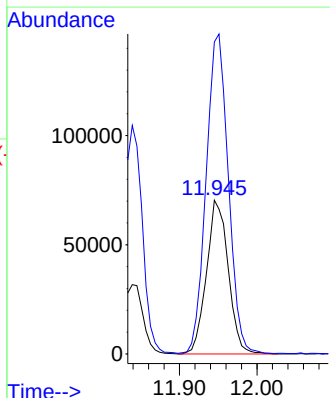
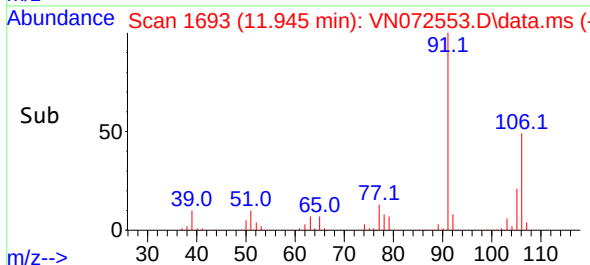
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022

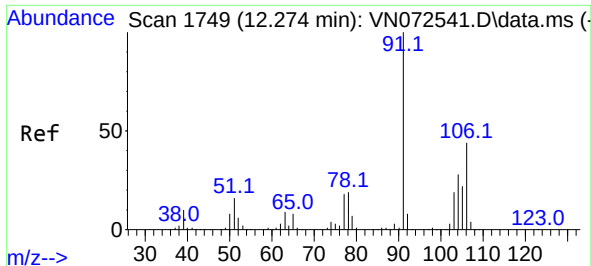


#68
m/p-Xylenes
Concen: 40.715 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25



Tgt Ion:106 Resp: 137292
Ion Ratio Lower Upper
106 100
91 212.0 158.9 238.3





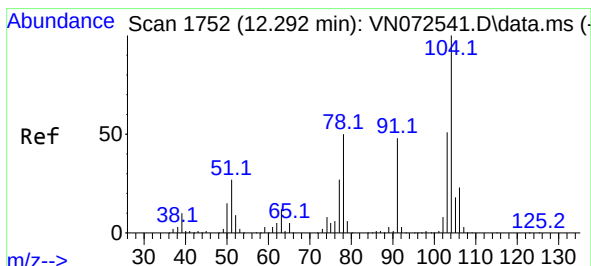
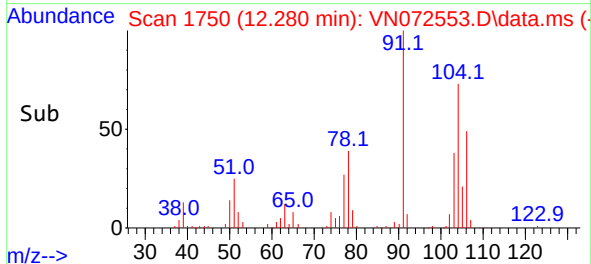
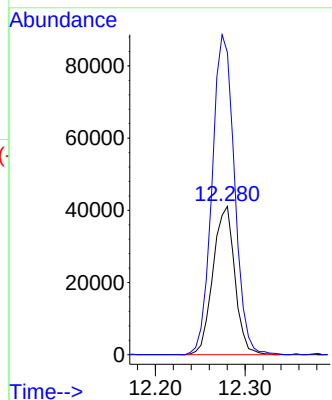
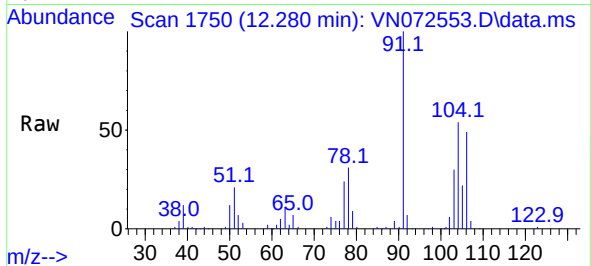
#69
o-Xylene
Concen: 20.223 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

Tgt Ion:106 Resp: 69468
Ion Ratio Lower Upper
106 100
91 221.9 106.0 318.0

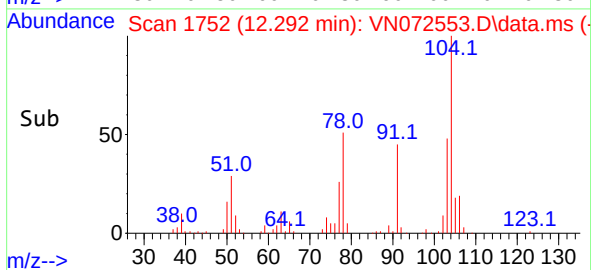
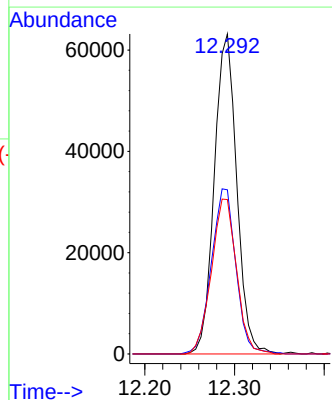
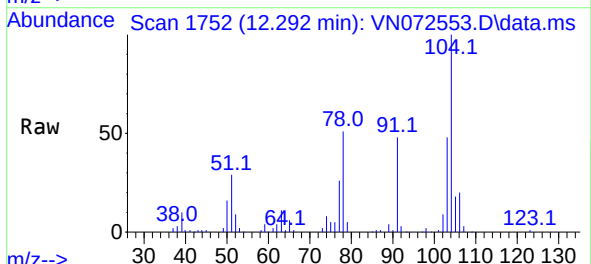
Manual Integrations
APPROVED

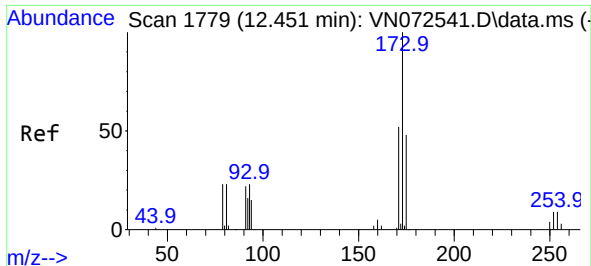
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022



#70
Styrene
Concen: 20.756 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

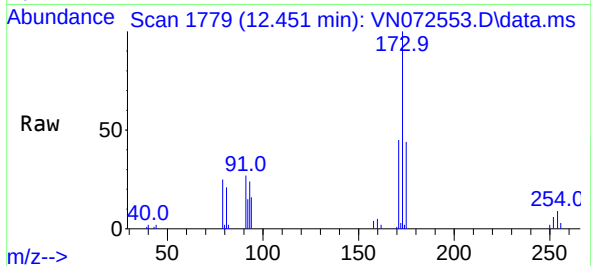
Tgt Ion:104 Resp: 109776
Ion Ratio Lower Upper
104 100
78 56.4 39.5 59.3
103 54.2 44.0 66.0





#71
Bromoform
Concen: 22.090 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

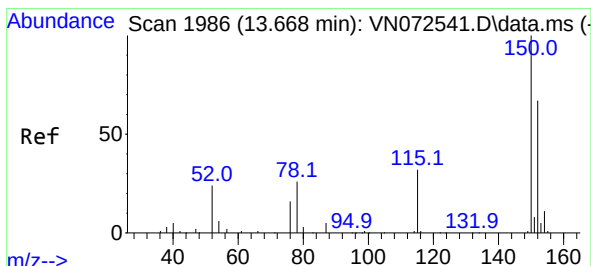
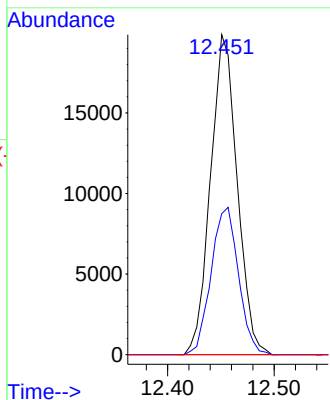
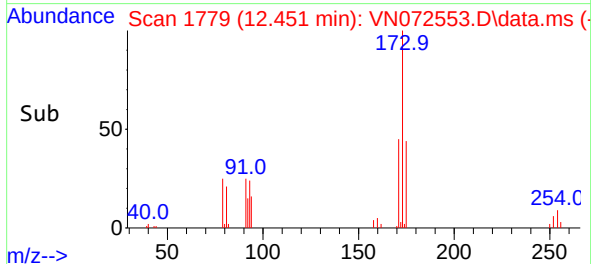
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



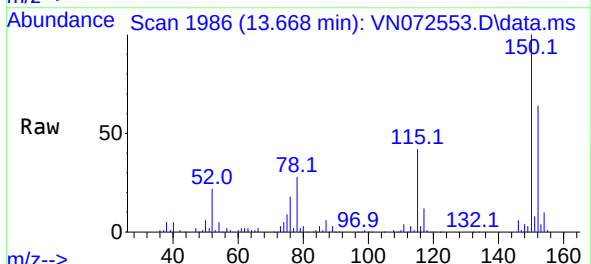
Tgt Ion:173 Resp: 34540
Ion Ratio Lower Upper
173 100
175 47.2 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

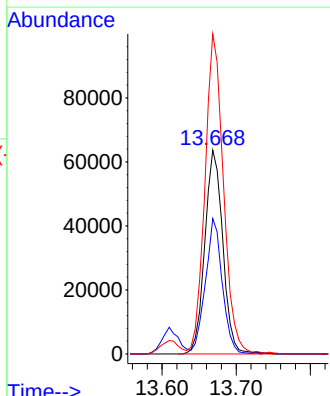
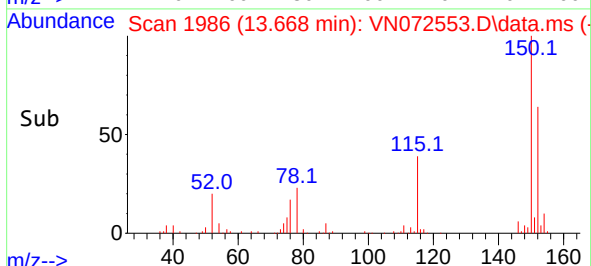
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022

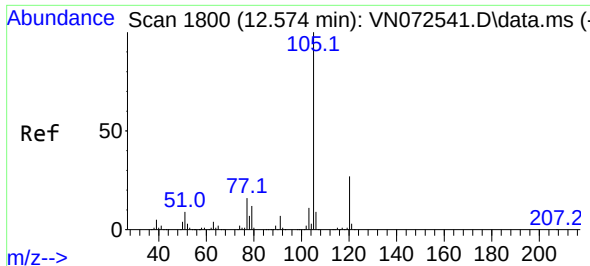


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25



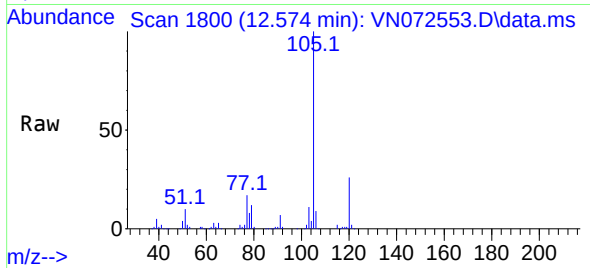
Tgt Ion:152 Resp: 107393
Ion Ratio Lower Upper
152 100
115 62.3 28.9 86.7
150 160.7 0.0 356.2





#73
Isopropylbenzene
Concen: 20.317 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

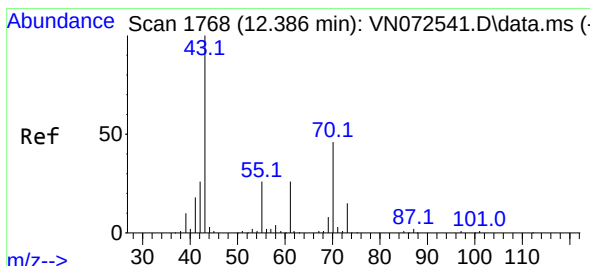
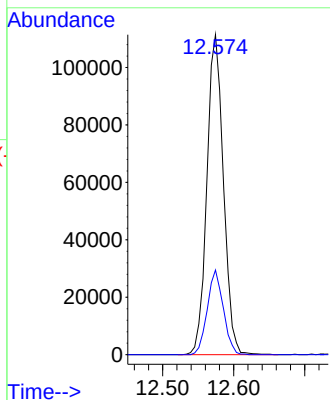
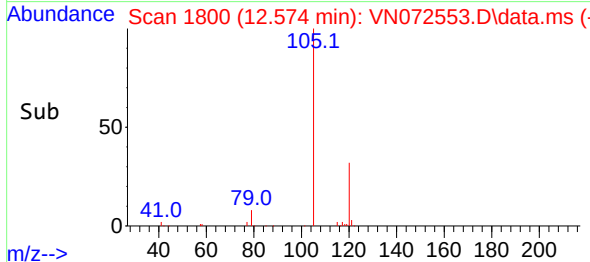
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



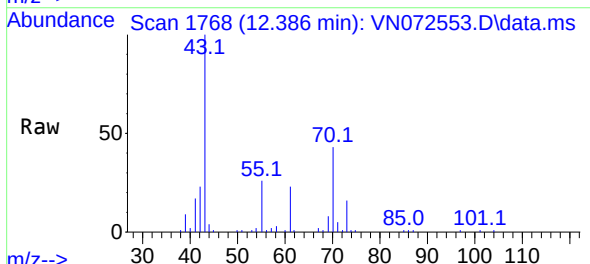
Tgt Ion:105 Resp: 180394
Ion Ratio Lower Upper
105 100
120 25.6 13.5 40.4

Manual Integrations
APPROVED

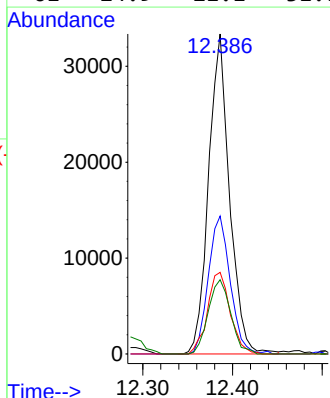
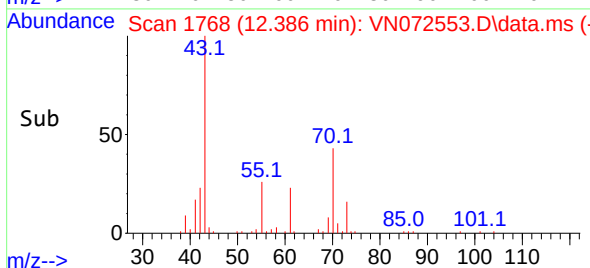
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022

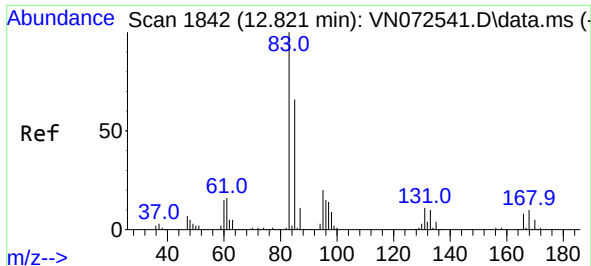


#74
N-ethyl acetate
Concen: 18.276 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25



Tgt Ion: 43 Resp: 54052
Ion Ratio Lower Upper
43 100
70 45.2 39.0 58.4
55 27.7 21.1 31.7
61 24.9 21.1 31.7





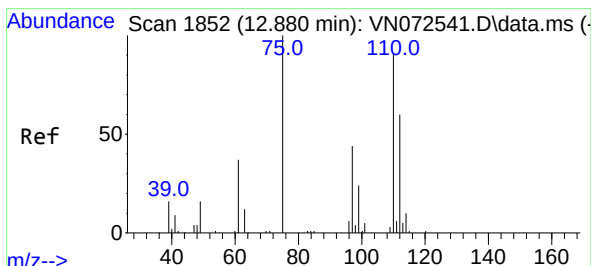
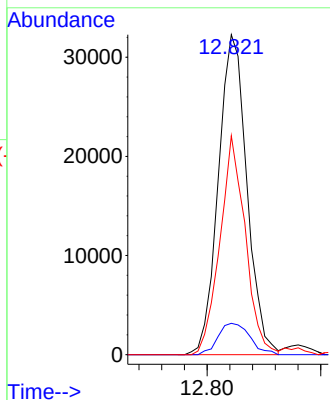
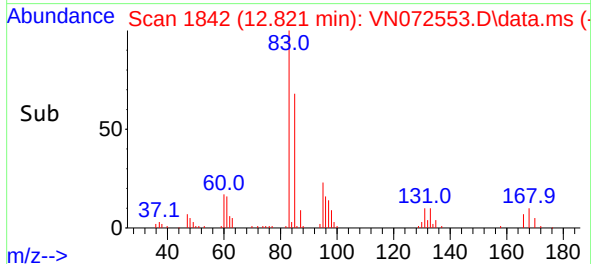
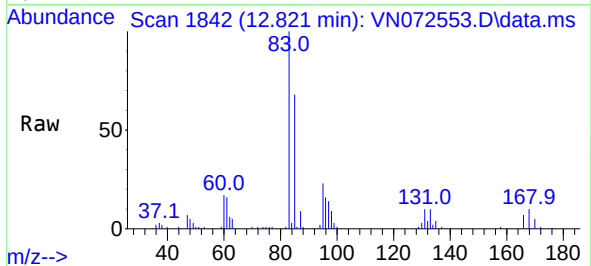
#75
1,1,2,2-Tetrachloroethane
Concen: 20.919 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

Tgt Ion: 83 Resp: 56260
Ion Ratio Lower Upper
83 100
131 11.0 5.3 15.9
85 61.0 32.3 96.9

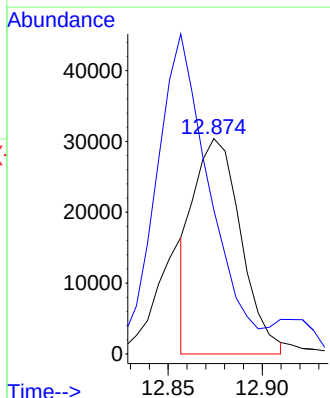
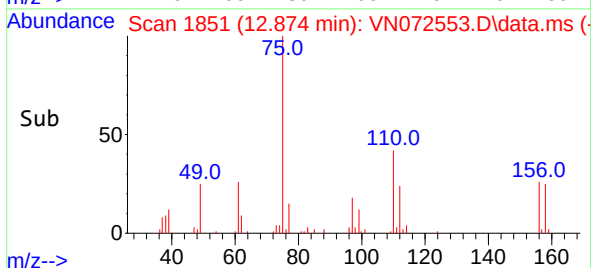
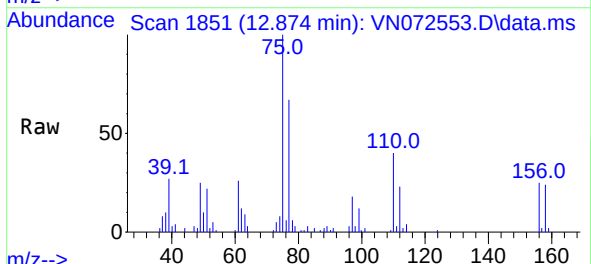
Manual Integrations
APPROVED

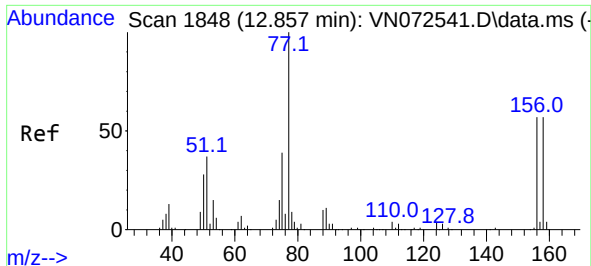
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022



#76
1,2,3-Trichloropropane
Concen: 16.370 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

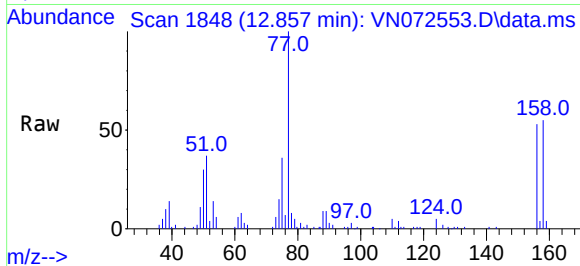
Tgt Ion: 75 Resp: 53108
Ion Ratio Lower Upper
75 100
77 168.2 98.5 295.5





#77
Bromobenzene
Concen: 19.112 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

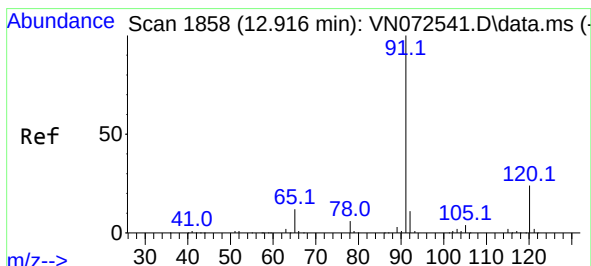
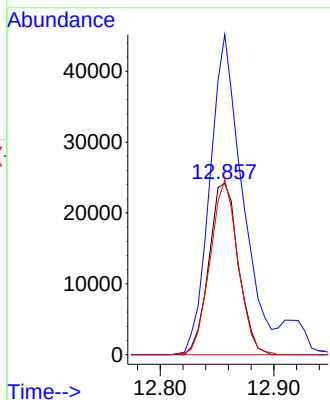
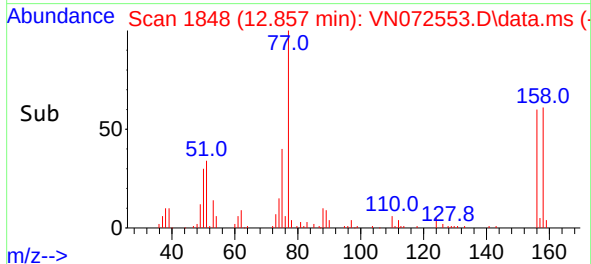
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



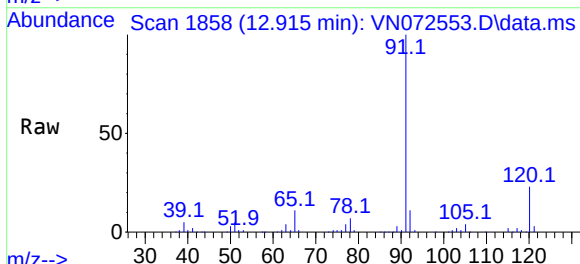
Tgt Ion:156 Resp: 43468
Ion Ratio Lower Upper
156 100
77 205.5 100.5 301.5
158 96.6 48.9 146.6

Manual Integrations
APPROVED

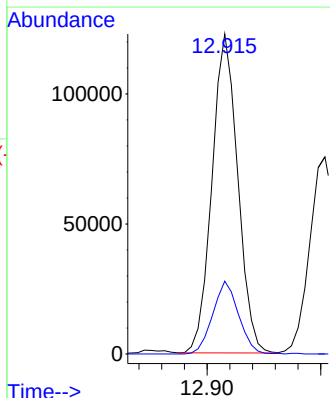
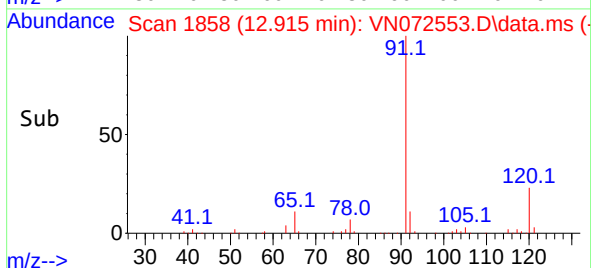
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022

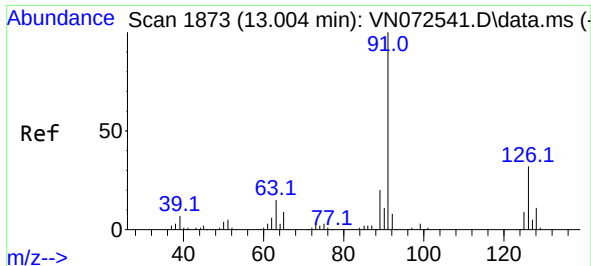


#78
n-propylbenzene
Concen: 19.907 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25



Tgt Ion: 91 Resp: 193314
Ion Ratio Lower Upper
91 100
120 22.9 11.9 35.5





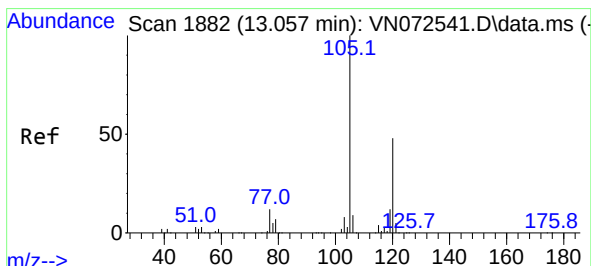
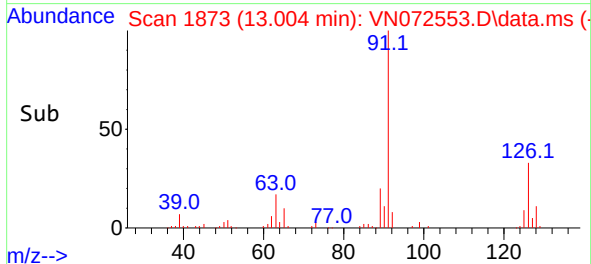
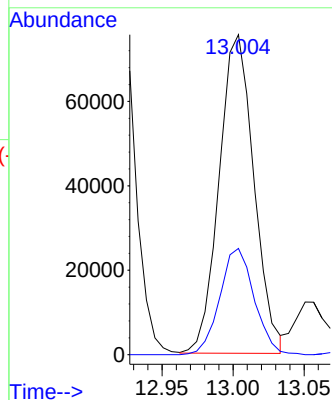
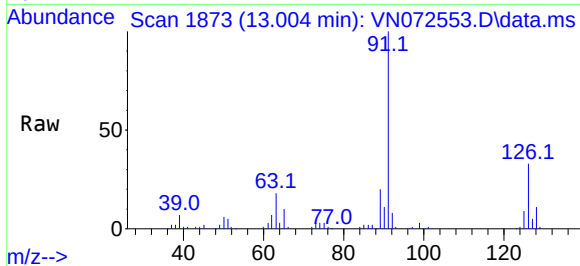
#79
2-Chlorotoluene
Concen: 19.778 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

Tgt Ion: 91 Resp: 128663
Ion Ratio Lower Upper
91 100
126 33.0 17.3 51.9

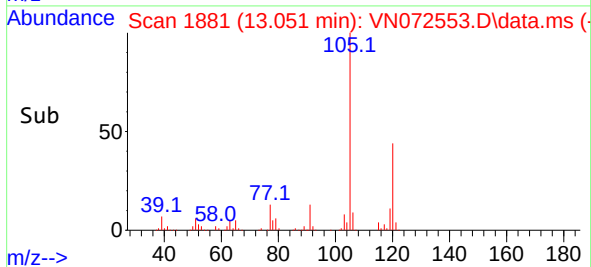
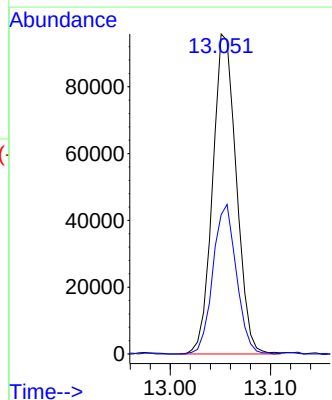
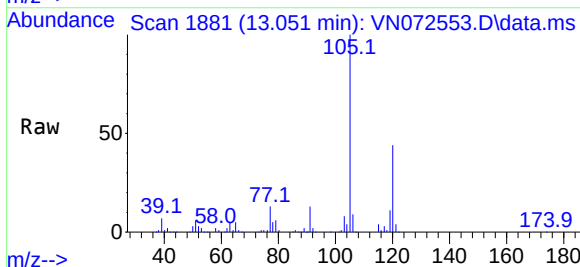
Manual Integrations
APPROVED

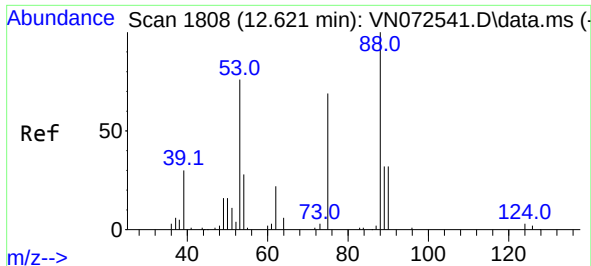
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.444 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.006 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

Tgt Ion:105 Resp: 157420
Ion Ratio Lower Upper
105 100
120 46.2 24.9 74.7





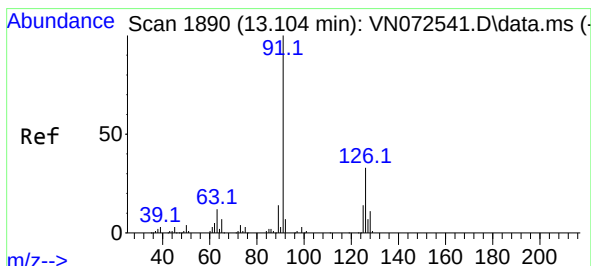
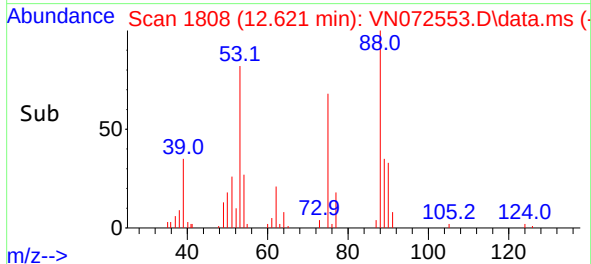
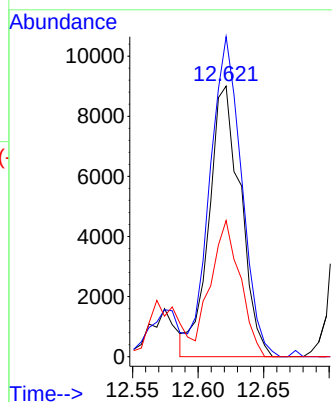
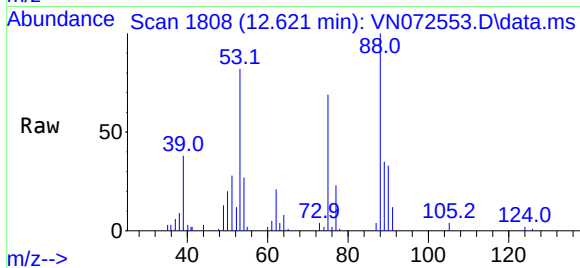
#81
trans-1,4-Dichloro-2-butene
Concen: 19.409 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

Tgt Ion: 75 Resp: 15104
Ion Ratio Lower Upper
75 100
53 117.3 78.0 117.0
89 46.4 37.2 55.8

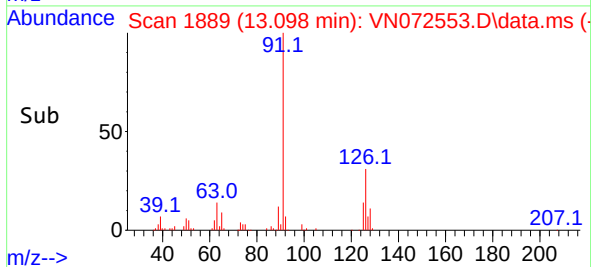
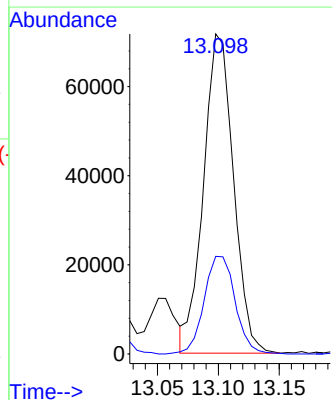
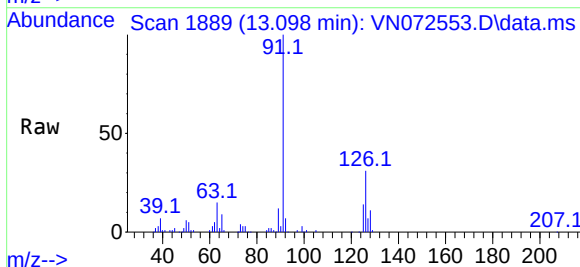
Manual Integrations
APPROVED

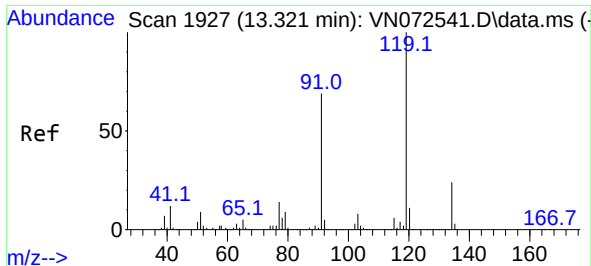
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022



#82
4-Chlorotoluene
Concen: 20.237 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

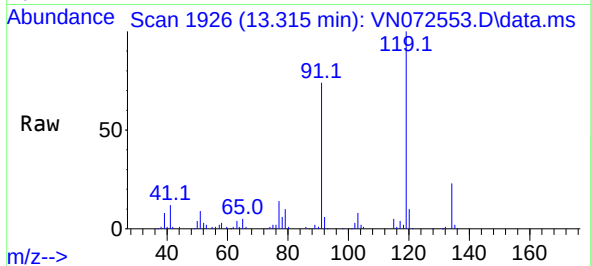
Tgt Ion: 91 Resp: 122632
Ion Ratio Lower Upper
91 100
126 31.7 17.2 51.6





#83
tert-Butylbenzene
Concen: 21.140 ug/l
RT: 13.315 min Scan# 1926
Delta R.T. -0.006 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

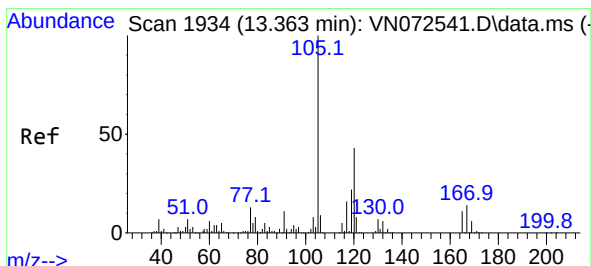
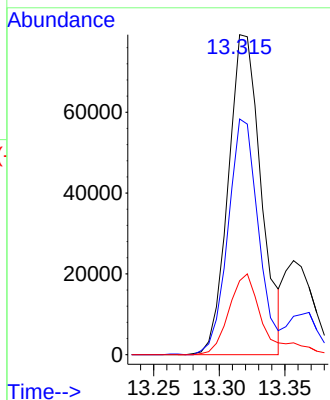
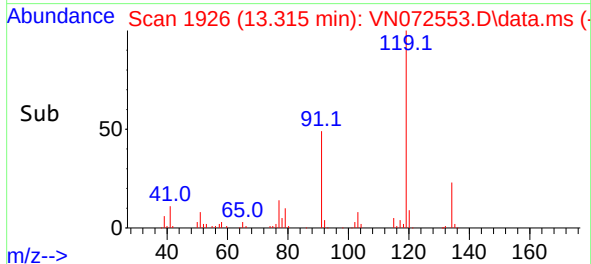
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



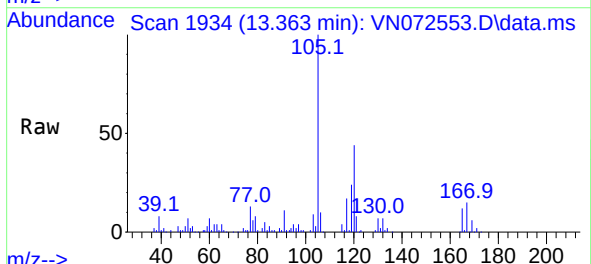
Tgt Ion:119 Resp: 138260
Ion Ratio Lower Upper
119 100
91 68.1 31.6 94.8
134 26.3 13.7 41.1

Manual Integrations
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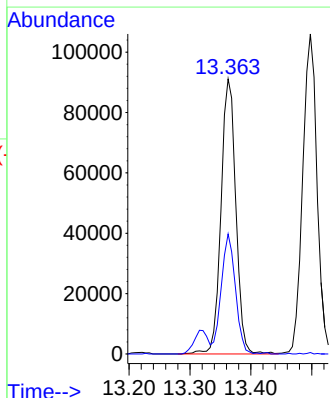
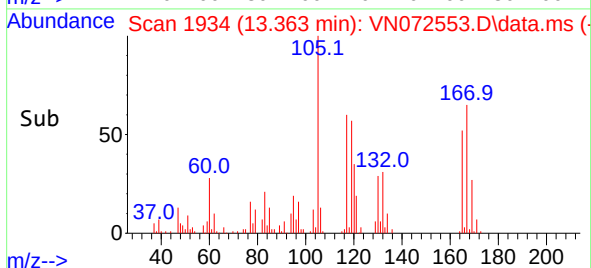
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022

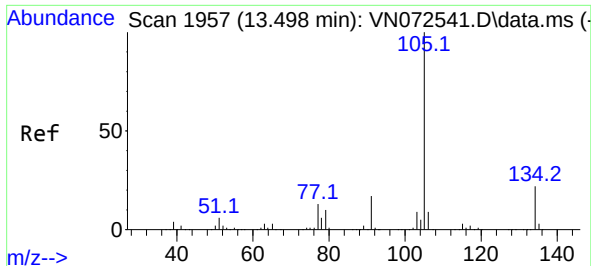


#84
1,2,4-Trimethylbenzene
Concen: 20.873 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25



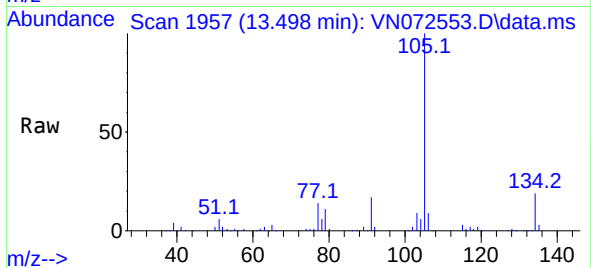
Tgt Ion:105 Resp: 154175
Ion Ratio Lower Upper
105 100
120 41.4 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 20.250 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072553.D
 Acq: 19 May 2022 14:25

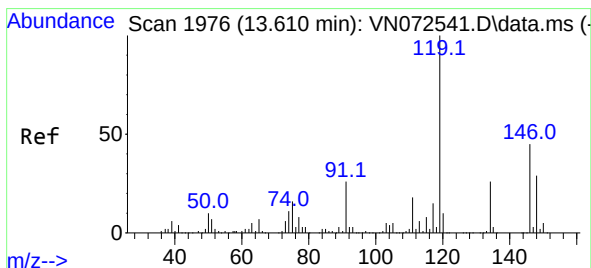
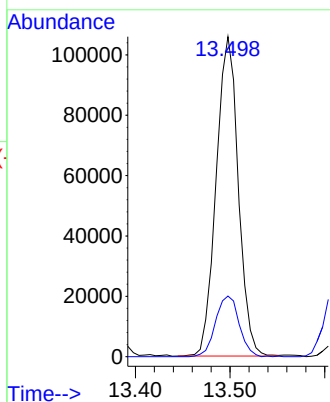
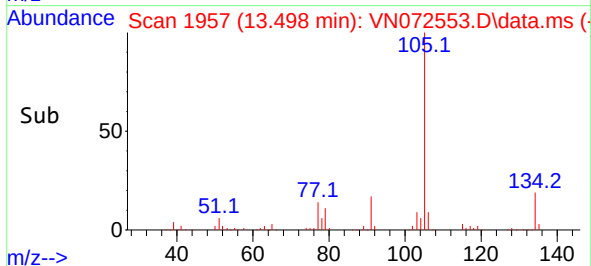
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBSD01



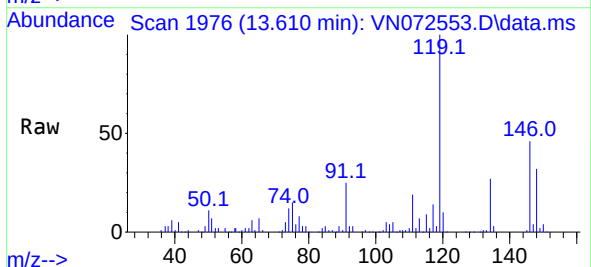
Tgt Ion:105 Resp: 17199
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1

Manual Integrations
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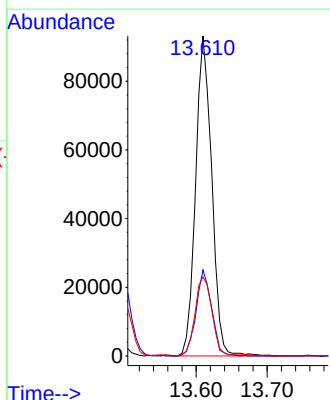
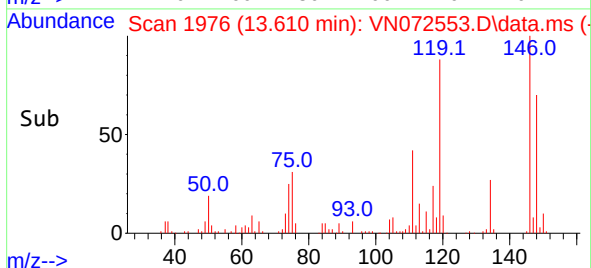
Reviewed By :John Carbone 05/20/2022
 Supervised By :Mahesh Dadoda 05/20/2022

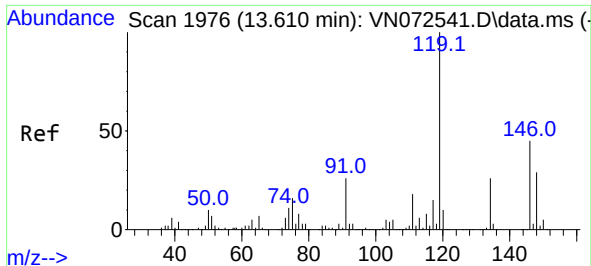


#86
 p-Isopropyltoluene
 Concen: 21.114 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072553.D
 Acq: 19 May 2022 14:25



Tgt Ion:119 Resp: 147475
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.3 39.8
 91 25.7 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 20.003 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN072553.D

Acq: 19 May 2022 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

Tgt Ion:146 Resp: 74510

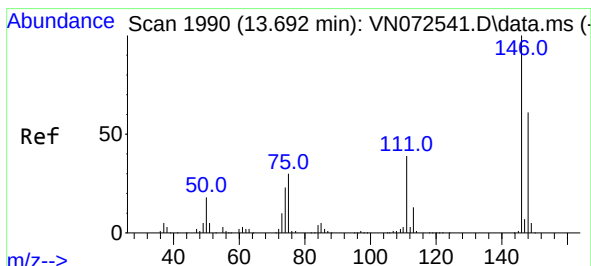
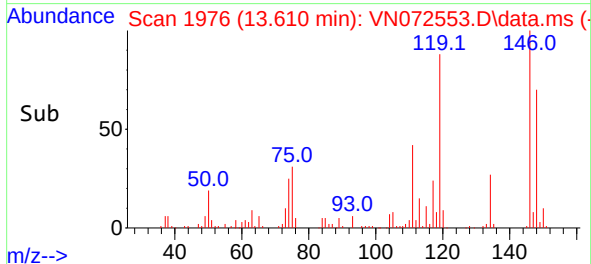
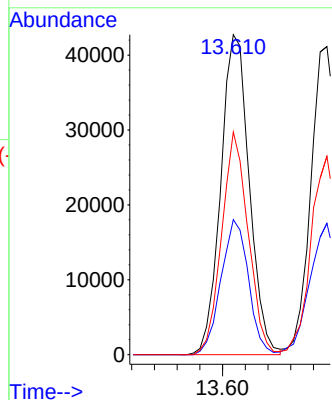
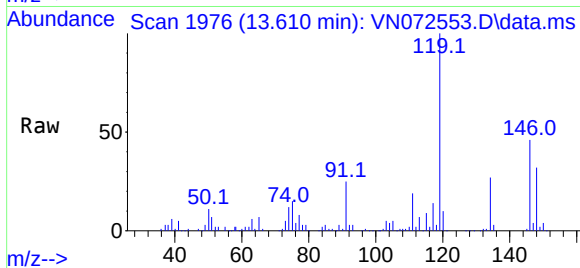
Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.0	60.0
148	64.8	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/20/2022

Supervised By :Mahesh Dadoda 05/20/2022



#88

1,4-Dichlorobenzene

Concen: 19.504 ug/l

RT: 13.692 min Scan# 1990

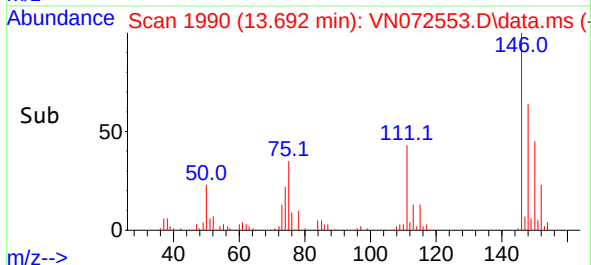
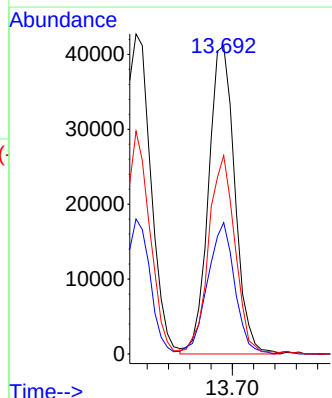
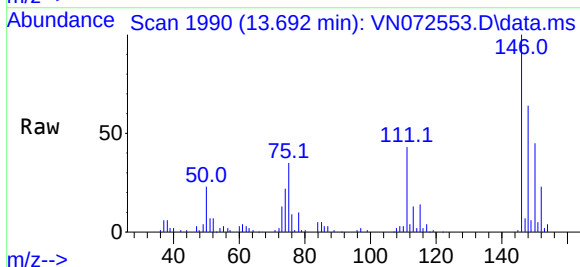
Delta R.T. -0.000 min

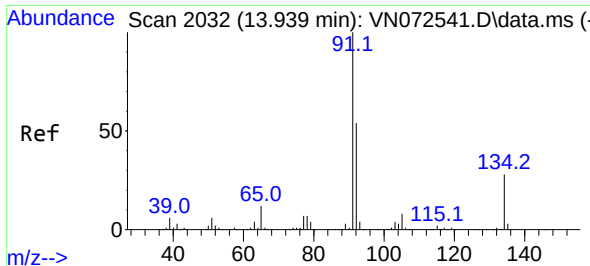
Lab File: VN072553.D

Acq: 19 May 2022 14:25

Tgt Ion:146 Resp: 70671

Ion	Ratio	Lower	Upper
146	100		
111	44.1	19.1	57.1
148	65.0	31.4	94.3





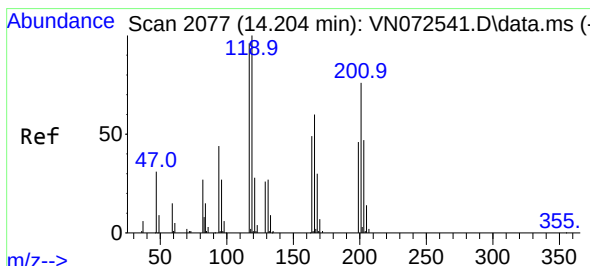
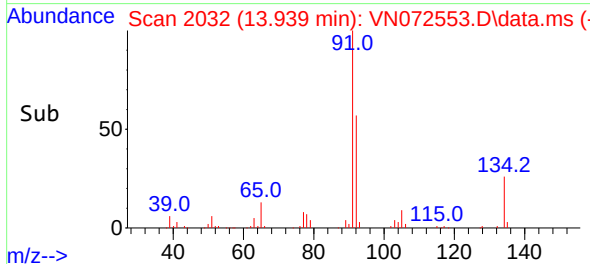
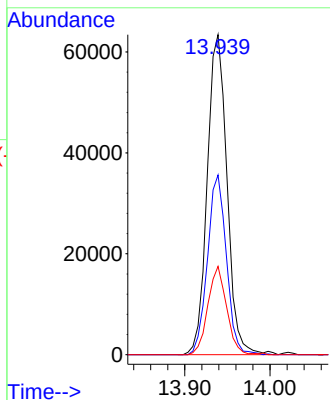
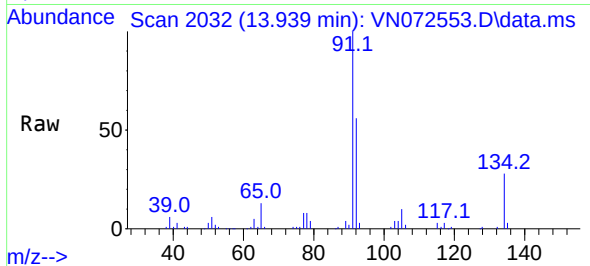
#89
n-Butylbenzene
Concen: 19.355 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

Tgt Ion: 91 Resp: 102335
Ion Ratio Lower Upper
91 100
92 53.7 26.9 80.7
134 26.3 13.6 40.8

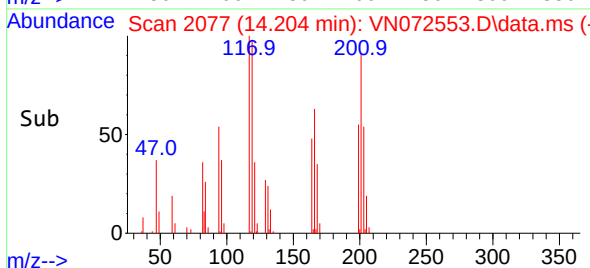
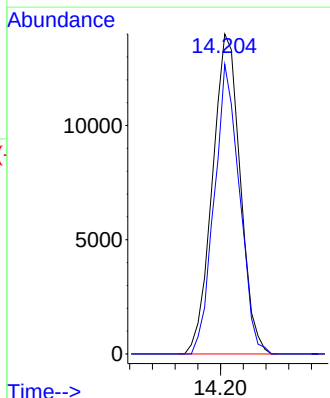
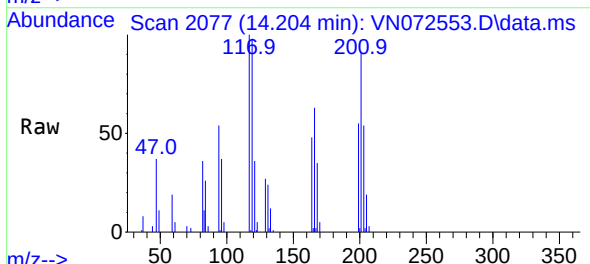
Manual Integrations
APPROVED

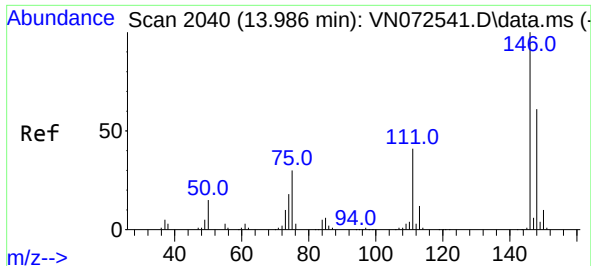
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022



#90
Hexachloroethane
Concen: 19.045 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

Tgt Ion:117 Resp: 23799
Ion Ratio Lower Upper
117 100
201 82.3 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 19.491 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VN072553.D

Acq: 19 May 2022 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

Tgt Ion:146 Resp: 7282

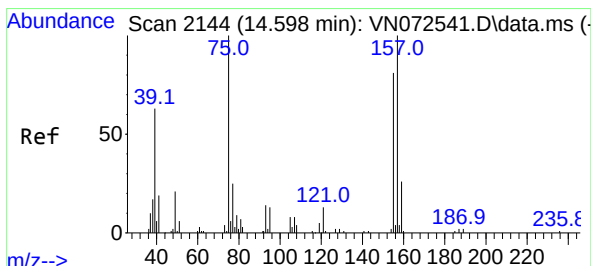
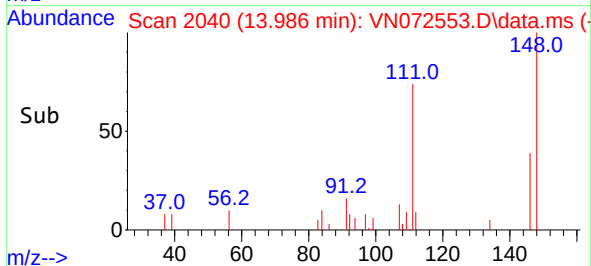
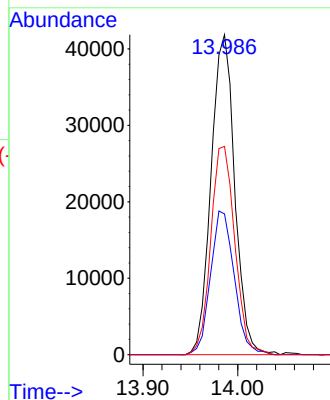
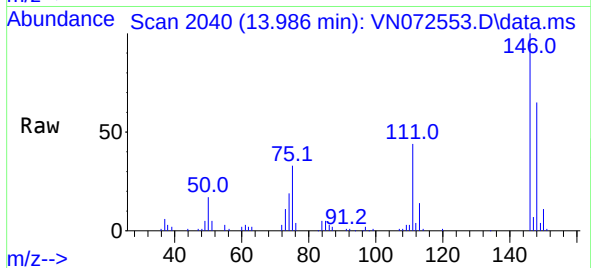
Ion	Ratio	Lower	Upper
146	100		
111	45.1	20.9	62.8
148	66.1	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/20/2022

Supervised By :Mahesh Dadoda 05/20/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.353 ug/l

RT: 14.598 min Scan# 2144

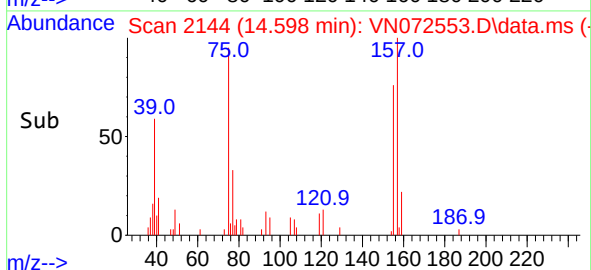
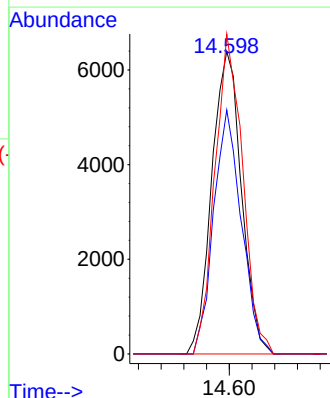
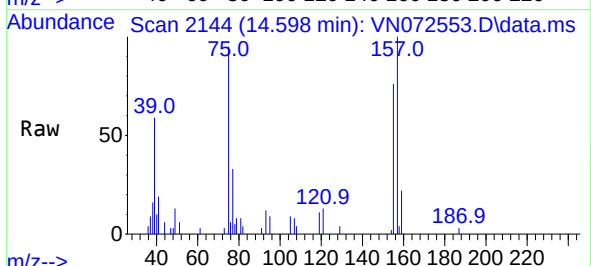
Delta R.T. -0.000 min

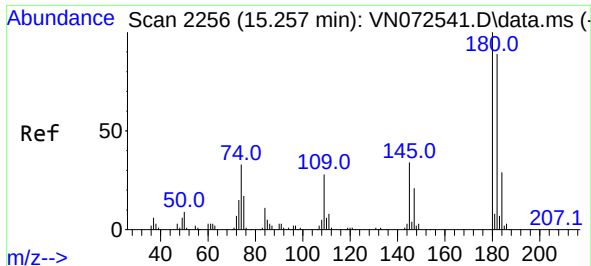
Lab File: VN072553.D

Acq: 19 May 2022 14:25

Tgt Ion: 75 Resp: 11582

Ion	Ratio	Lower	Upper
75	100		
155	75.6	44.9	134.5
157	98.7	59.0	176.8





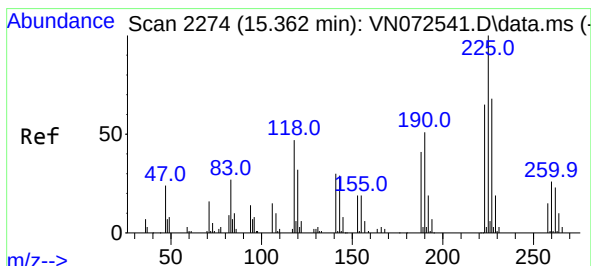
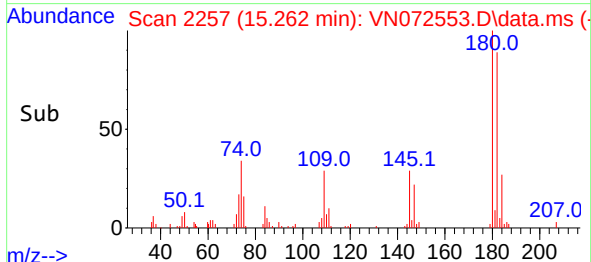
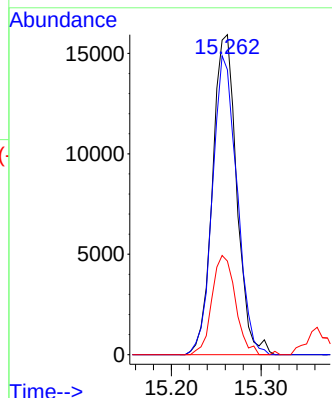
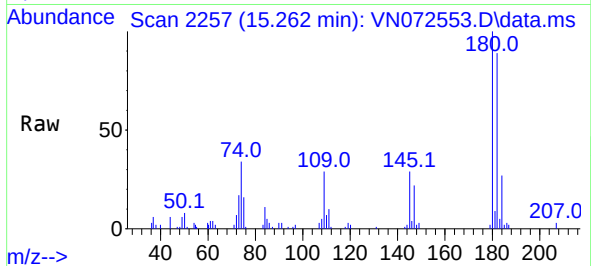
#93
1,2,4-Trichlorobenzene
Concen: 18.252 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

Tgt Ion:180 Resp: 29798
Ion Ratio Lower Upper
180 100
182 94.5 47.5 142.5
145 30.1 14.5 43.5

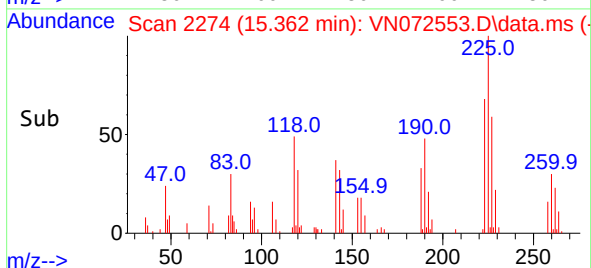
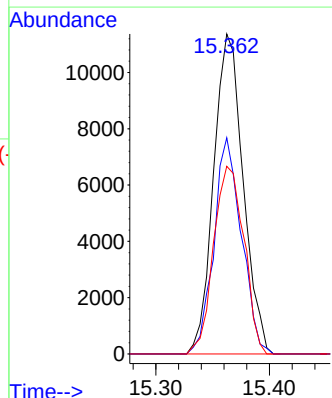
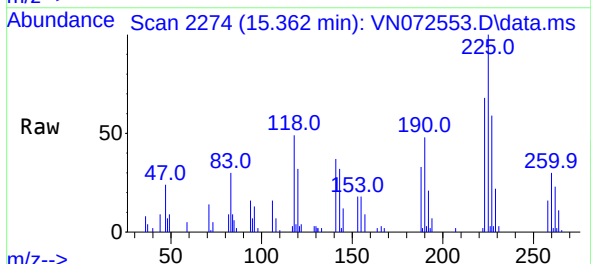
Manual Integrations
APPROVED

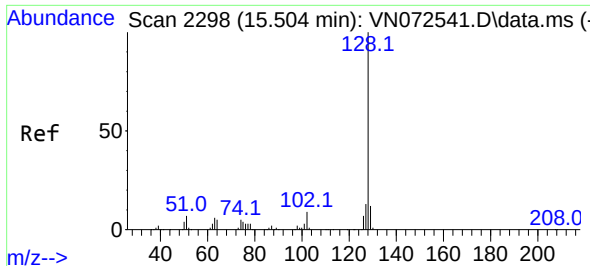
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022



#94
Hexachlorobutadiene
Concen: 20.038 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

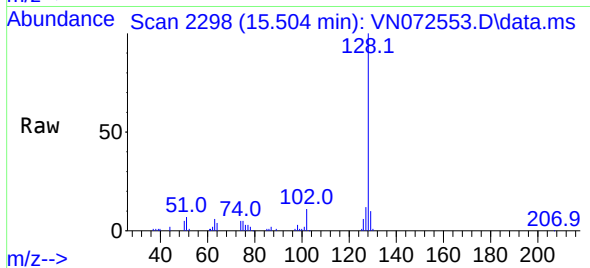
Tgt Ion:225 Resp: 20546
Ion Ratio Lower Upper
225 100
223 63.0 32.4 97.2
227 60.3 31.8 95.4





#95
Naphthalene
Concen: 17.341 ug/l
RT: 15.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25

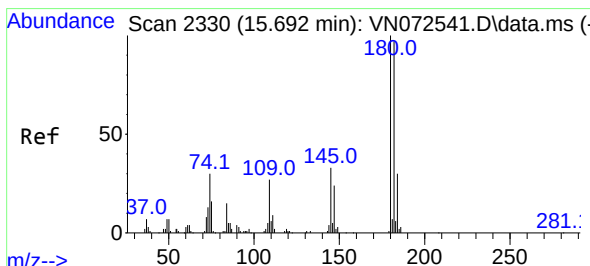
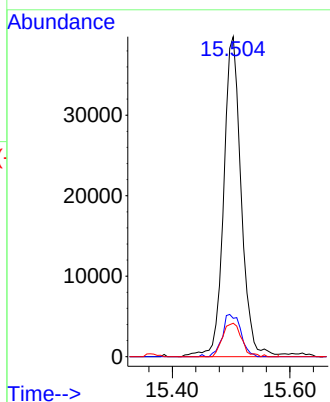
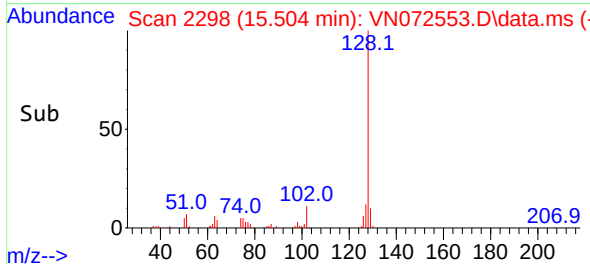
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01



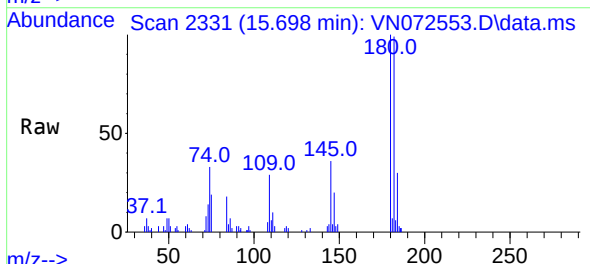
Tgt Ion:128 Resp: 82040
Ion Ratio Lower Upper
128 100
127 13.9 10.3 15.5
129 11.4 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.563 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN072553.D
Acq: 19 May 2022 14:25



Tgt Ion:180 Resp: 31259
Ion Ratio Lower Upper
180 100
182 95.9 47.8 143.3
145 34.4 15.5 46.5

