

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051322\
 Data File : VN072474.D
 Acq On : 13 May 2022 14:00
 Operator : JC\MD
 Sample : VN0513MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/16/2022
 Supervised By : Mahesh Dadoda 05/16/2022

Quant Time: May 13 14:44:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	186627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	281568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	259429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	113895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	137001	47.927	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.860%		
35) Dibromofluoromethane	8.022	113	94679	50.542	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.080%		
50) Toluene-d8	10.439	98	338333	47.423	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.840%		
62) 4-Bromofluorobenzene	12.727	95	121122	51.120	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	41034	17.630	ug/l	92
3) Chloromethane	2.299	50	34988	15.146	ug/l	98
4) Vinyl Chloride	2.440	62	30604	15.442	ug/l	99
5) Bromomethane	2.816	94	24495	20.759	ug/l	96
6) Chloroethane	2.993	64	20751	19.088	ug/l	98
7) Trichlorofluoromethane	3.357	101	69143	18.824	ug/l	87
8) Diethyl Ether	3.822	74	22760	17.176	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.204	101	34934	17.429	ug/l	96
10) Methyl Iodide	4.416	142	42955	16.167	ug/l #	83
11) Tert butyl alcohol	5.369	59	41168	88.078	ug/l	99
12) 1,1-Dichloroethene	4.181	96	30062	16.007	ug/l	95
13) Acrolein	4.034	56	29900	65.383	ug/l	99
14) Allyl chloride	4.840	41	56130	16.053	ug/l	90
15) Acrylonitrile	5.545	53	105398	82.984	ug/l	99
16) Acetone	4.287	43	98340	86.868	ug/l	91
17) Carbon Disulfide	4.522	76	74289	15.253	ug/l	96
18) Methyl Acetate	4.857	43	57267	17.181	ug/l	98
19) Methyl tert-butyl Ether	5.610	73	126933	18.703	ug/l	95
20) Methylene Chloride	5.092	84	39744	17.122	ug/l	95
21) trans-1,2-Dichloroethene	5.598	96	34014	17.311	ug/l	99
22) Diisopropyl ether	6.492	45	119258	16.785	ug/l	97
23) Vinyl Acetate	6.428	43	509846	85.758	ug/l	96
24) 1,1-Dichloroethane	6.386	63	69254	17.272	ug/l	98
25) 2-Butanone	7.328	43	146093	81.768	ug/l	92
26) 2,2-Dichloropropane	7.316	77	63958	18.982	ug/l	96
27) cis-1,2-Dichloroethene	7.316	96	41226	17.453	ug/l	93
28) Bromochloromethane	7.657	49	27963	16.425	ug/l	97
29) Tetrahydrofuran	7.681	42	92517	79.675	ug/l	95
30) Chloroform	7.816	83	75755	18.572	ug/l	98
31) Cyclohexane	8.092	56	57468	15.172	ug/l	97
32) 1,1,1-Trichloroethane	8.010	97	71775	19.184	ug/l	98
36) 1,1-Dichloropropene	8.222	75	50209	18.661	ug/l	98
37) Ethyl Acetate	7.404	43	57629	17.852	ug/l	96
38) Carbon Tetrachloride	8.198	117	63225	20.996	ug/l	99
39) Methylcyclohexane	9.457	83	59024	19.520	ug/l	93
40) Benzene	8.457	78	147904	18.402	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	30917	19.342	ug/l #	89
42) 1,2-Dichloroethane	8.522	62	69359	21.470	ug/l	93
43) Isopropyl Acetate	8.557	43	96273	19.416	ug/l	96
44) Trichloroethene	9.216	130	39591	19.404	ug/l	98
45) 1,2-Dichloropropane	9.486	63	39125	19.061	ug/l	98
46) Dibromomethane	9.569	93	29243	20.461	ug/l	93
47) Bromodichloromethane	9.757	83	59951	20.575	ug/l	99
48) Methyl methacrylate	9.557	41	42544	18.391	ug/l	88
49) 1,4-Dioxane	9.563	88	16489	417.843	ug/l #	92
51) 4-Methyl-2-Pentanone	10.327	43	292325	94.945	ug/l	95
52) Toluene	10.498	92	97283	19.629	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	63124	21.284	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	64614	20.420	ug/l #	87
55) 1,1,2-Trichloroethane	10.892	97	39373	19.070	ug/l	97
56) Ethyl methacrylate	10.757	69	61241	20.696	ug/l #	87
57) 1,3-Dichloropropane	11.039	76	68366	19.446	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	89385	121.334	ug/l	98
59) 2-Hexanone	11.080	43	206274	95.548	ug/l	92
60) Dibromochloromethane	11.233	129	47034	21.445	ug/l	99
61) 1,2-Dibromoethane	11.339	107	41721	20.277	ug/l	97
64) Tetrachloroethene	10.974	164	36457	19.523	ug/l	98
65) Chlorobenzene	11.769	112	105478	19.900	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	44045	20.761	ug/l	95
67) Ethyl Benzene	11.839	91	184264	20.149	ug/l	98
68) m/p-Xylenes	11.951	106	140317	40.455	ug/l	89
69) o-Xylene	12.274	106	70854	20.791	ug/l	96
70) Styrene	12.292	104	110559	21.206	ug/l	95
71) Bromoform	12.457	173	34272	21.900	ug/l #	100
73) Isopropylbenzene	12.574	105	184294	19.532	ug/l	98
74) N-amyl acetate	12.386	43	61679	18.494	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.821	83	58600	17.107	ug/l	97
76) 1,2,3-Trichloropropane	12.874	75	47903m	16.126	ug/l	
77) Bromobenzene	12.857	156	43258	19.163	ug/l	94
78) n-propylbenzene	12.915	91	200707	19.879	ug/l	97
79) 2-Chlorotoluene	13.004	91	131965	19.896	ug/l	96
80) 1,3,5-Trimethylbenzene	13.057	105	157676	20.404	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.621	75	16159	18.147	ug/l #	82
82) 4-Chlorotoluene	13.104	91	121742	19.368	ug/l	96
83) tert-Butylbenzene	13.321	119	138193	20.428	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	152397	20.273	ug/l	96
85) sec-Butylbenzene	13.498	105	181523	20.120	ug/l	99
86) p-Isopropyltoluene	13.610	119	149019	21.204	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	77609	19.935	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	73991	19.104	ug/l	97
89) n-Butylbenzene	13.939	91	106855	19.891	ug/l	97
90) Hexachloroethane	14.204	117	27044	19.257	ug/l	94
91) 1,2-Dichlorobenzene	13.986	146	75195	19.339	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	12813	21.511	ug/l	82
93) 1,2,4-Trichlorobenzene	15.257	180	30948	21.012	ug/l	97
94) Hexachlorobutadiene	15.368	225	20835	21.365	ug/l	98
95) Naphthalene	15.504	128	86644	18.082	ug/l	98
96) 1,2,3-Trichlorobenzene	15.692	180	32197	21.813	ug/l	96

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Sample : VN0513MBSD01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0513MBSD01

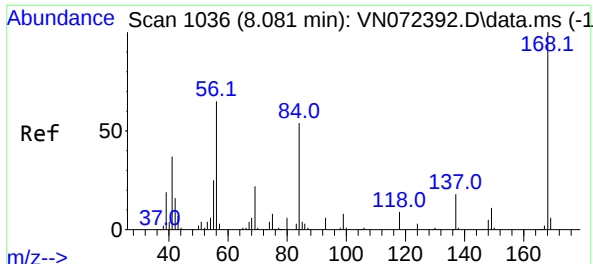
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

Quant Time: May 13 14:44:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
Quant Title : SW846 8260
QLast Update : Tue May 10 15:43:28 2022
Response via : Initial Calibration

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



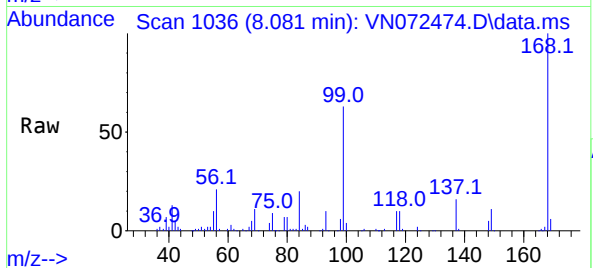
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN0513MBS01



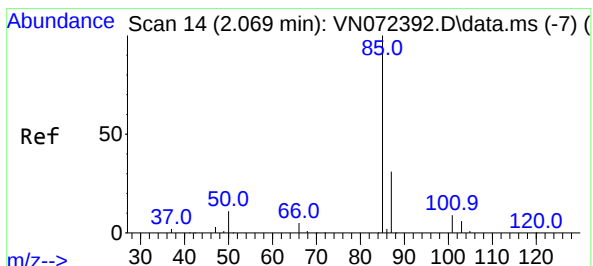
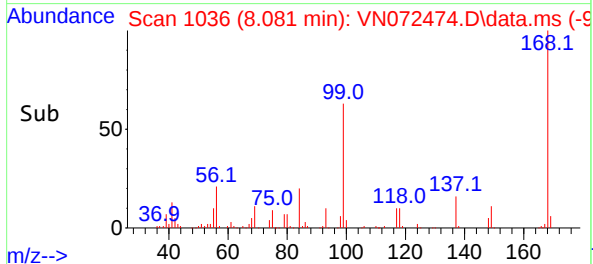
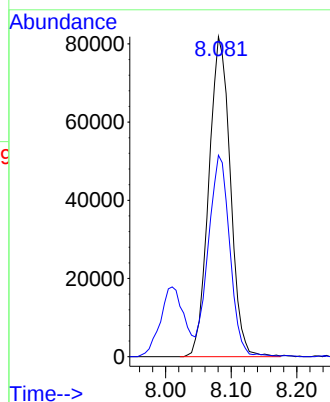
Tgt Ion:168 Resp: 18662
Ion Ratio Lower Upper
168 100
99 62.7 42.3 63.5

Manual Integrations

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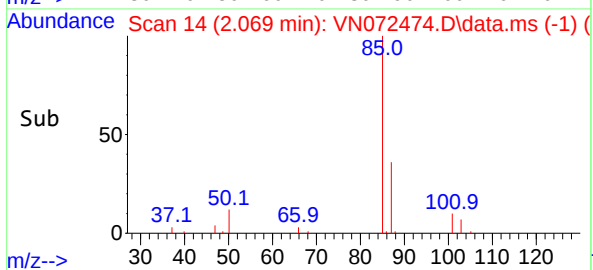
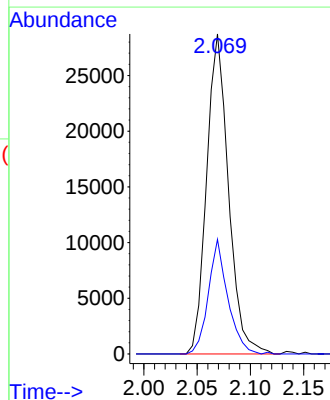
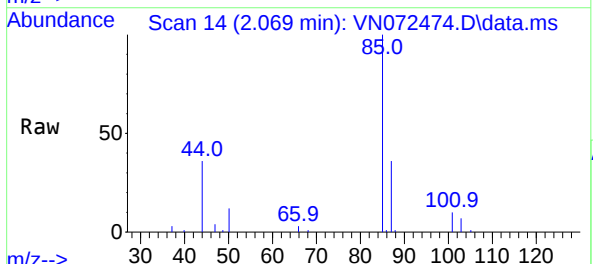
Reviewed By :John Carlone 05/16/2022

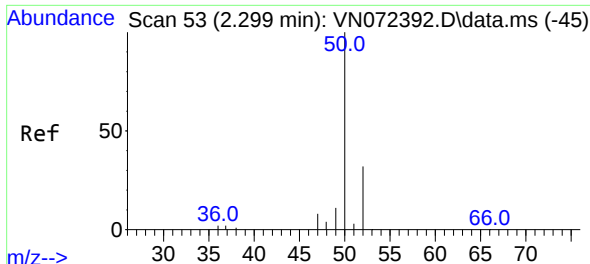
Supervised By :Mahesh Dadoda 05/16/2022



#2
Dichlorodifluoromethane
Concen: 17.630 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

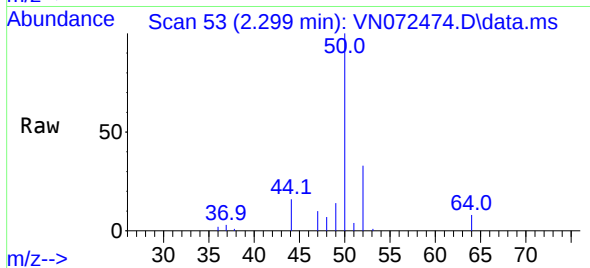
Tgt Ion: 85 Resp: 41034
Ion Ratio Lower Upper
85 100
87 35.8 15.7 47.1





#3
Chloromethane
Concen: 15.146 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

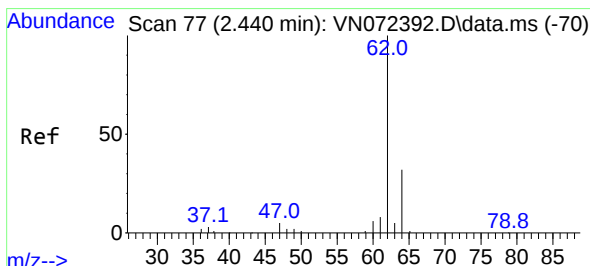
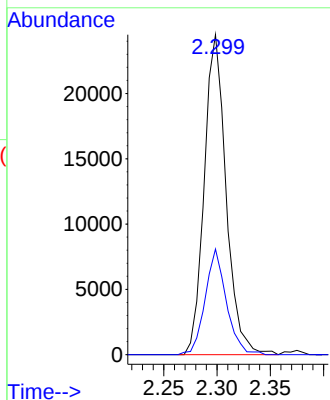
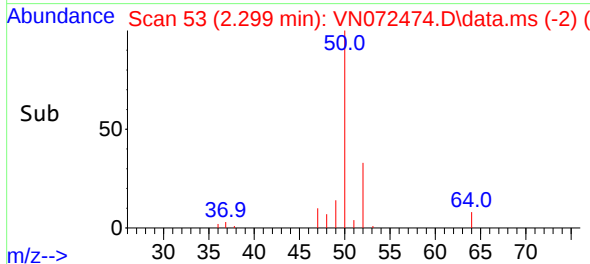
Instrument :
MSVOA_N
ClientSampleId :
VN0513MBS01



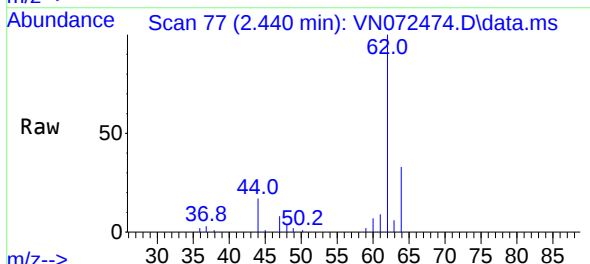
Tgt Ion: 50 Resp: 3498
Ion Ratio Lower Upper
50 100
52 33.0 25.7 38.5

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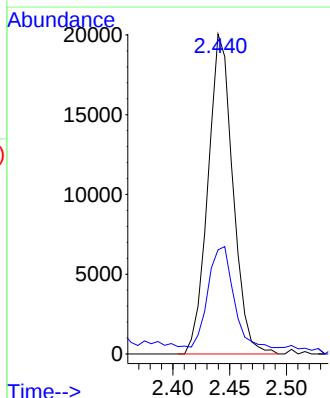
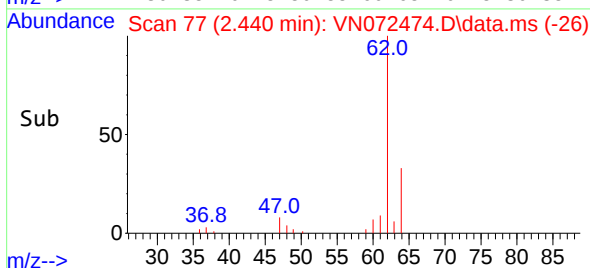
Reviewed By :John Carlone 05/16/2022
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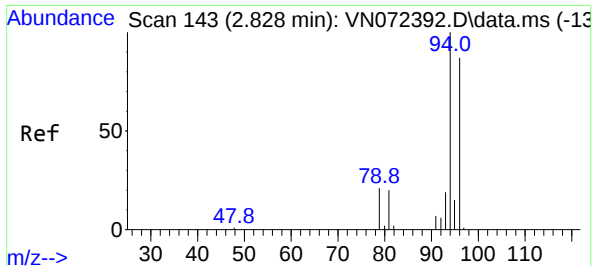


#4
Vinyl Chloride
Concen: 15.442 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00



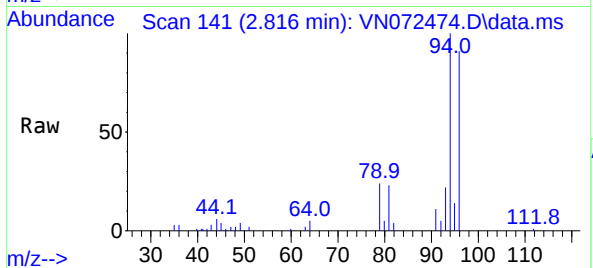
Tgt Ion: 62 Resp: 30604
Ion Ratio Lower Upper
62 100
64 30.5 25.0 37.4





#5
Bromomethane
Concen: 20.759 ug/l
RT: 2.816 min Scan# 143
Delta R.T. -0.012 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

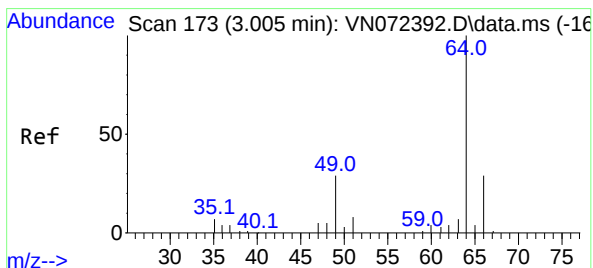
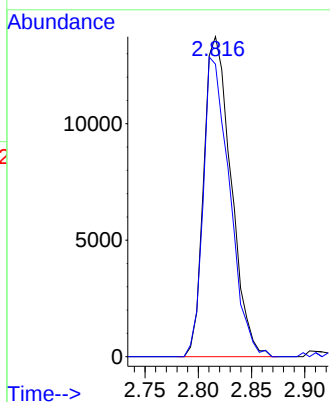
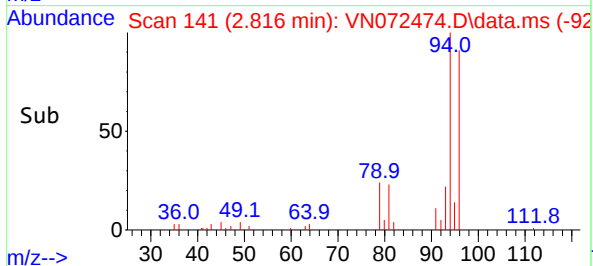
Instrument :
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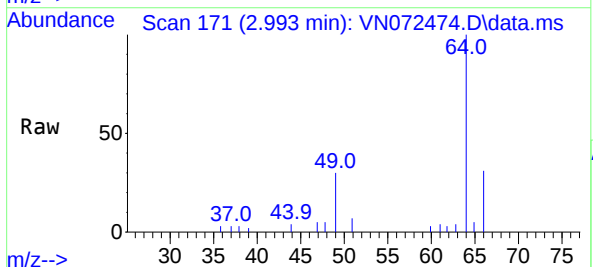
Tgt Ion: 94 Resp: 2449
Ion Ratio Lower Upper
94 100
96 91.4 76.0 114.0

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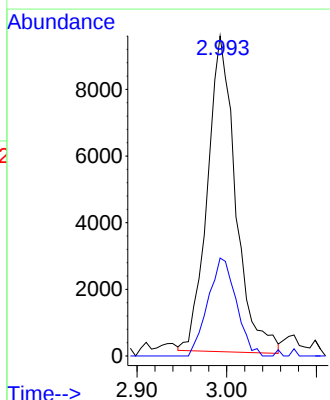
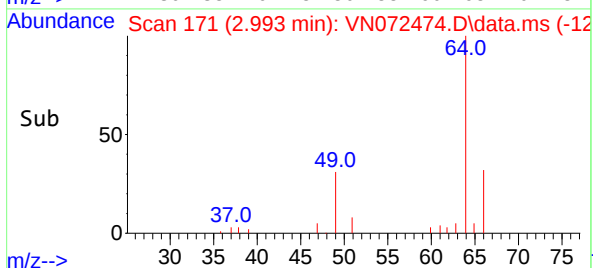
Reviewed By :John Carlone 05/16/2022
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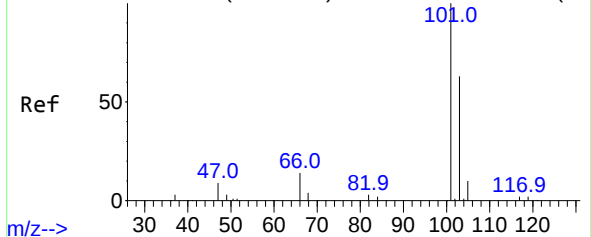
#6
Chloroethane
Concen: 19.088 ug/l
RT: 2.993 min Scan# 171
Delta R.T. -0.012 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00



Tgt Ion: 64 Resp: 20751
Ion Ratio Lower Upper
64 100
66 31.5 26.2 39.4



Abundance Scan 235 (3.369 min): VN072392.D\data.ms (-22



#7

Trichlorofluoromethane

Concen: 18.824 ug/l

RT: 3.357 min Scan# 21

Delta R.T. -0.012 min

Lab File: VN072474.D

Acq: 13 May 2022 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN0513MBS01

Tgt Ion:101 Resp: 6914

Ion Ratio Lower Upper

101 100

103 54.1 51.5 77.3

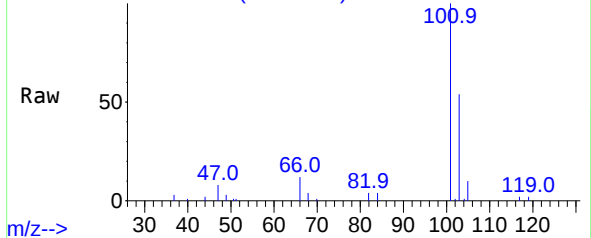
Manual Integrations

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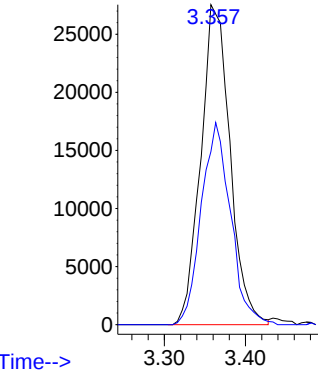
Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022

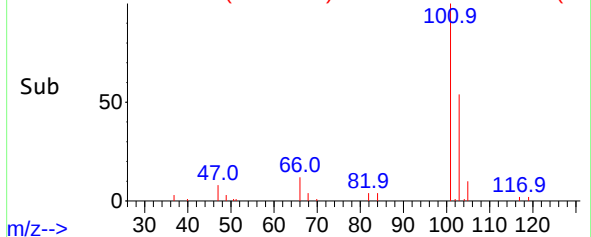
Abundance Scan 233 (3.357 min): VN072474.D\data.ms



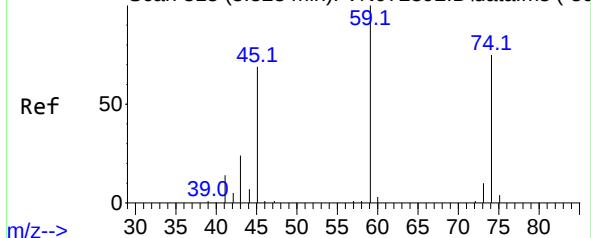
Abundance



Abundance Scan 233 (3.357 min): VN072474.D\data.ms (-18



Abundance Scan 313 (3.828 min): VN072392.D\data.ms (-30



#8

Diethyl Ether

Concen: 17.176 ug/l

RT: 3.822 min Scan# 312

Delta R.T. -0.006 min

Lab File: VN072474.D

Acq: 13 May 2022 14:00

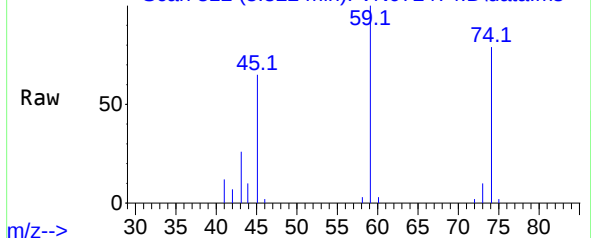
Tgt Ion: 74 Resp: 22760

Ion Ratio Lower Upper

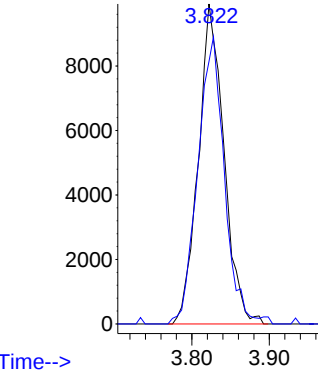
74 100

45 93.4 42.9 128.5

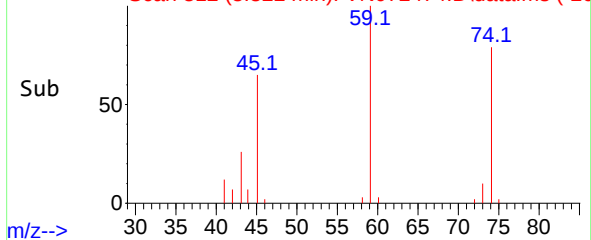
Abundance Scan 312 (3.822 min): VN072474.D\data.ms

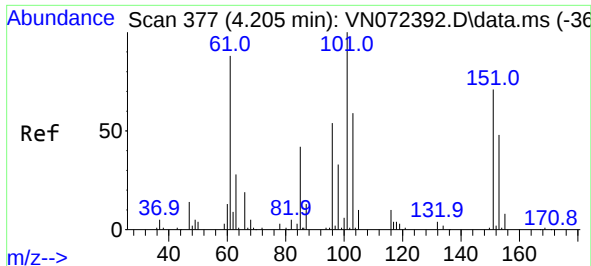


Abundance



Abundance Scan 312 (3.822 min): VN072474.D\data.ms (-26





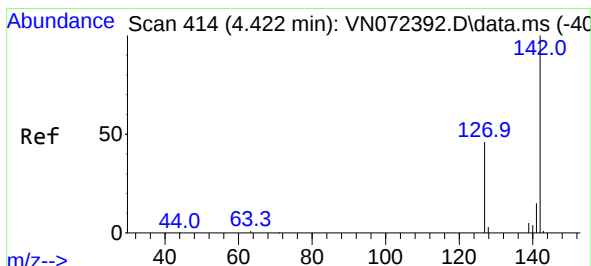
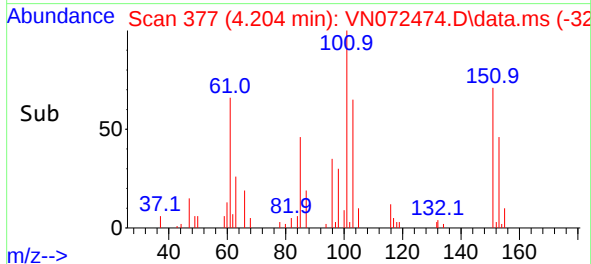
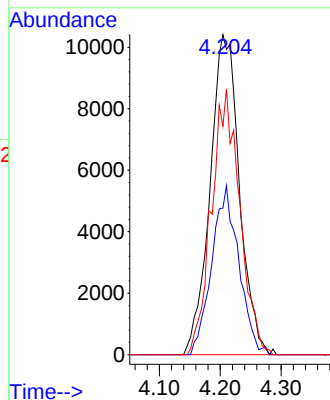
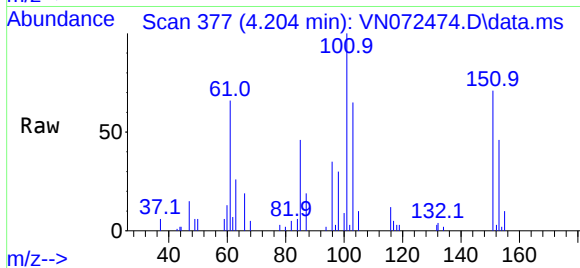
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.429 ug/l
RT: 4.204 min Scan# 31
Delta R.T. -0.001 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0513MBSD01

Tgt Ion:101 Resp: 34934
Ion Ratio Lower Upper
101 100
85 48.5 34.7 52.1
151 80.0 63.0 94.4

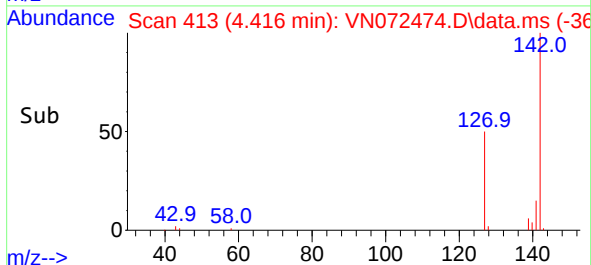
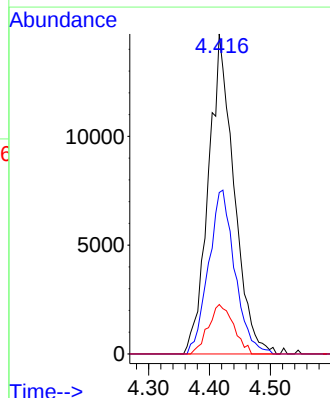
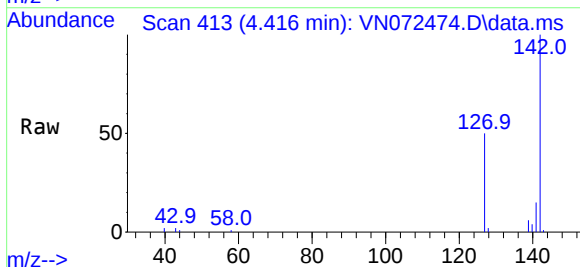
Manual Integrations
APPROVED

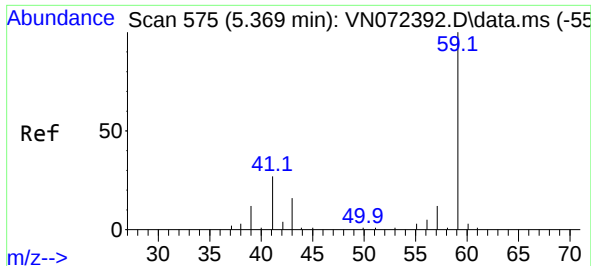
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#10
Methyl Iodide
Concen: 16.167 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

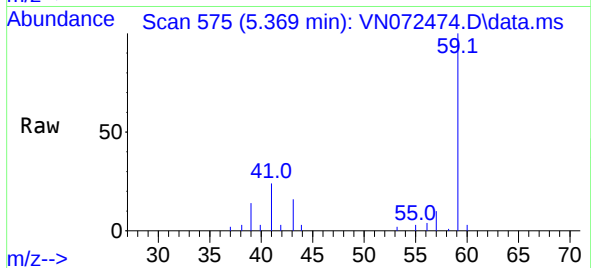
Tgt Ion:142 Resp: 42955
Ion Ratio Lower Upper
142 100
127 52.7 31.3 46.9#
141 15.3 11.2 16.8





#11
Tert butyl alcohol
Concen: 88.078 ug/l
RT: 5.369 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

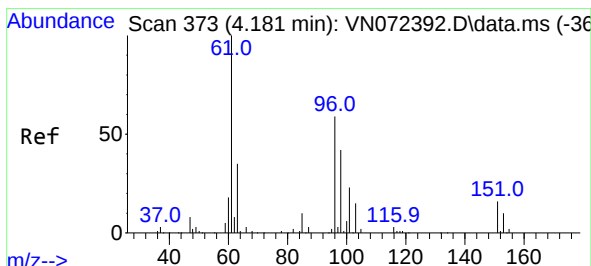
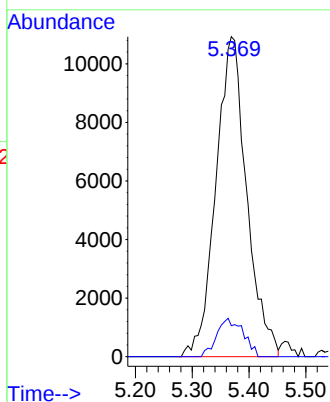
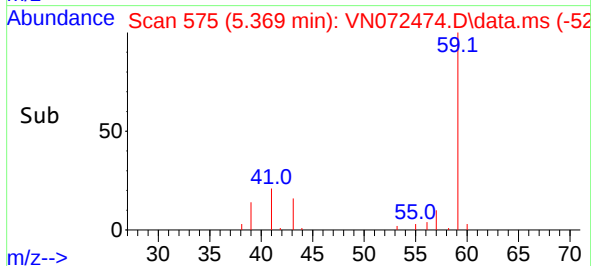
Instrument :
MSVOA_N
ClientSampleId :
VN0513MBS01



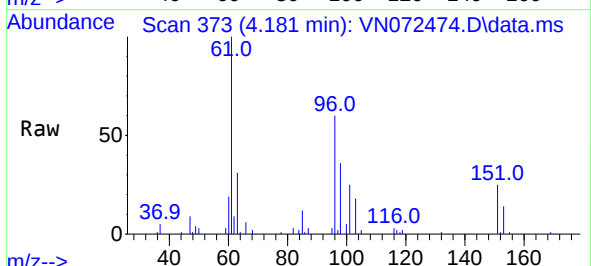
Tgt Ion: 59 Resp: 41168
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

Manual Integrations
APPROVED

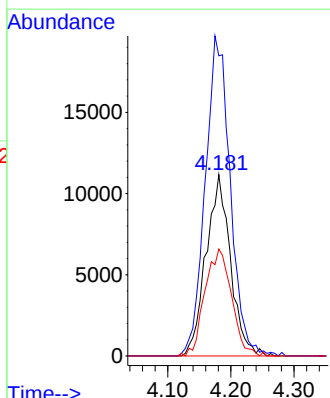
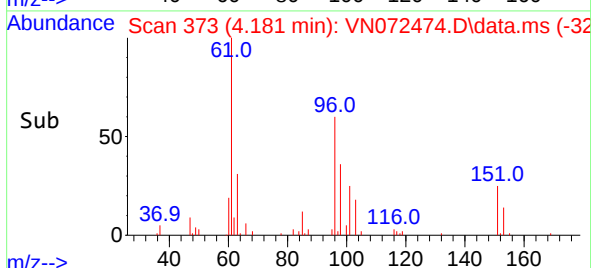
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

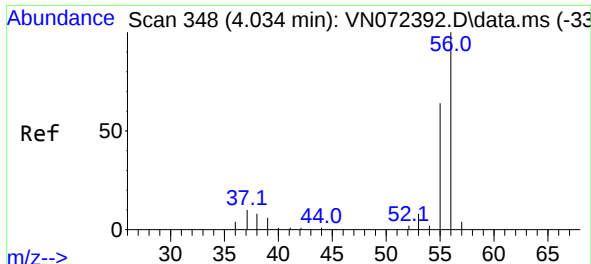


#12
1,1-Dichloroethene
Concen: 16.007 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00



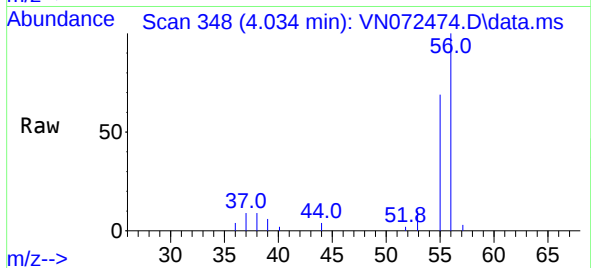
Tgt Ion: 96 Resp: 30062
Ion Ratio Lower Upper
96 100
61 165.6 127.6 191.4
98 59.0 51.2 76.8





#13
Acrolein
Concen: 65.383 ug/l
RT: 4.034 min Scan# 348
Delta R.T. -0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

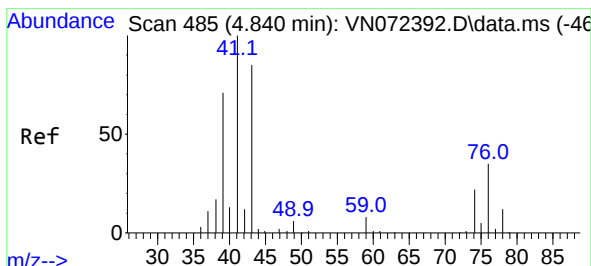
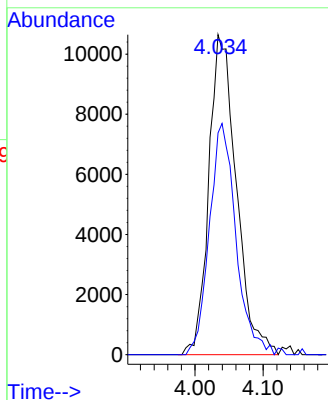
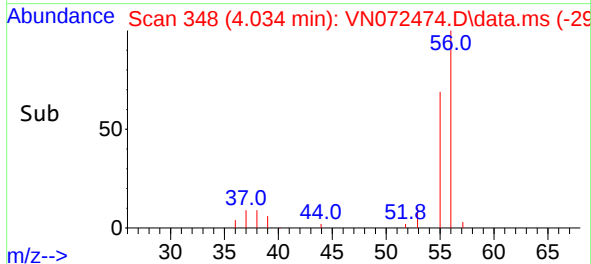
Instrument :
MSVOA_N
ClientSampleId :
VN0513MBS01



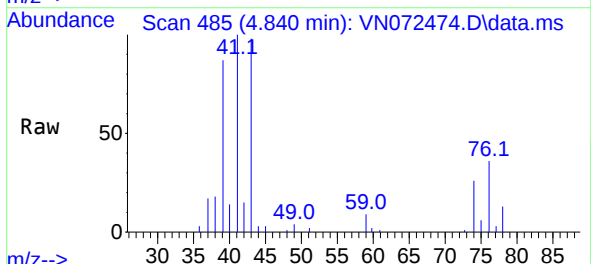
Tgt Ion: 56 Resp: 29900
Ion Ratio Lower Upper
56 100
55 69.7 54.8 82.2

Manual Integrations
APPROVED

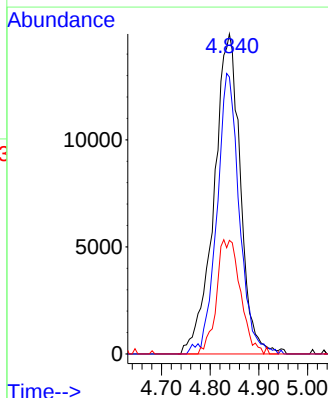
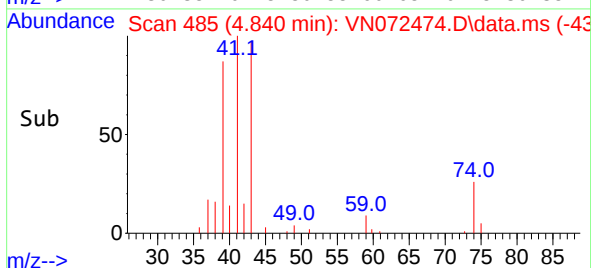
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

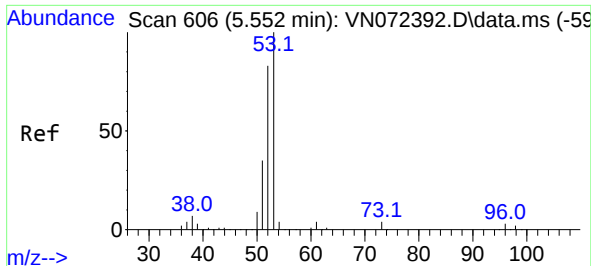


#14
Allyl chloride
Concen: 16.053 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00



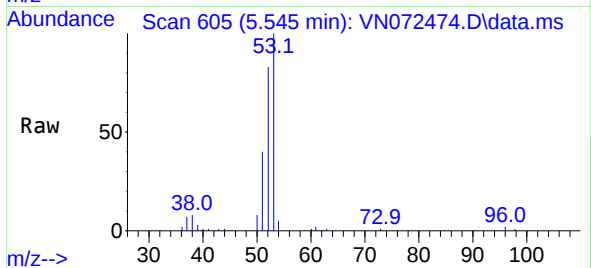
Tgt Ion: 41 Resp: 56130
Ion Ratio Lower Upper
41 100
39 75.1 53.2 79.8
76 32.5 29.9 44.9





#15
Acrylonitrile
Concen: 82.984 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.007 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

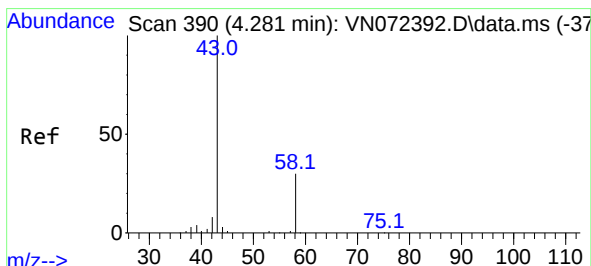
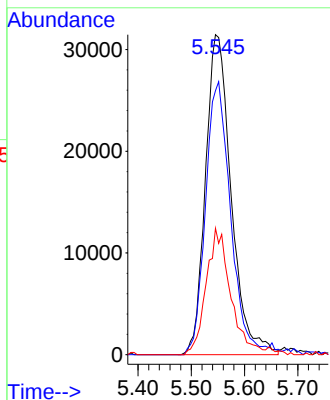
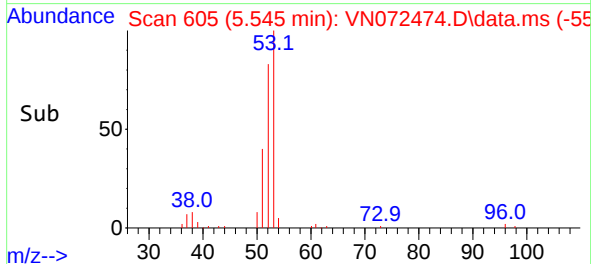
Instrument :
MSVOA_N
ClientSampleId :
VN0513MBS01



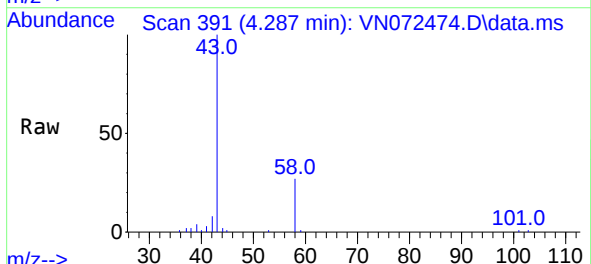
Tgt Ion: 53 Resp: 105398
Ion Ratio Lower Upper
53 100
52 82.7 66.4 99.6
51 37.5 28.5 42.7

Manual Integrations
APPROVED

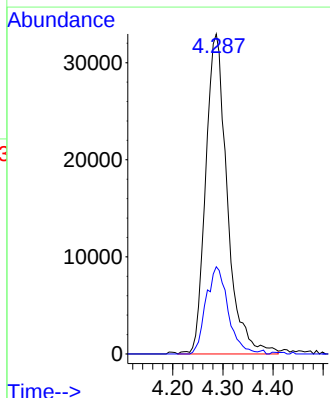
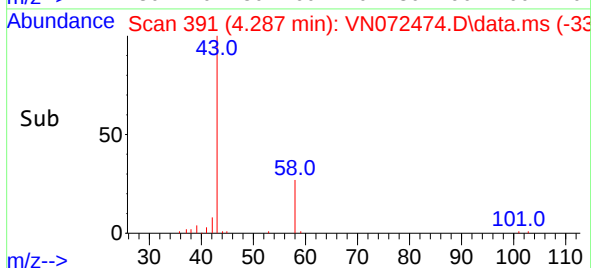
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

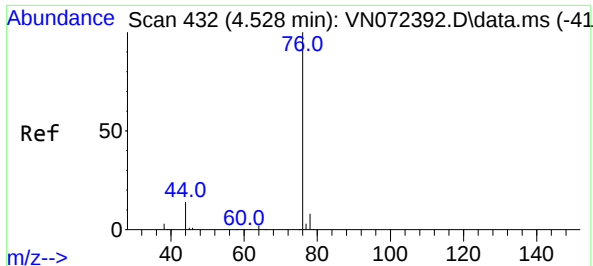


#16
Acetone
Concen: 86.868 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00



Tgt Ion: 43 Resp: 98340
Ion Ratio Lower Upper
43 100
58 27.2 26.0 39.0





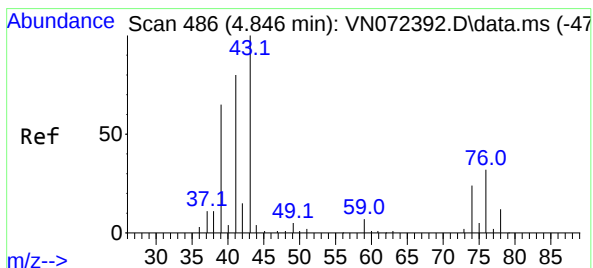
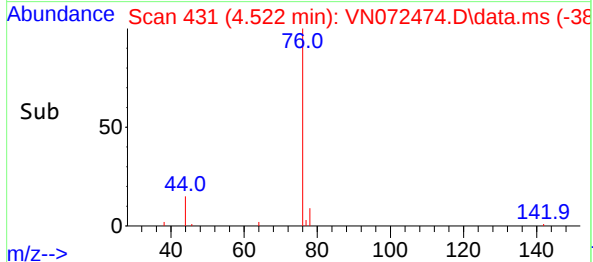
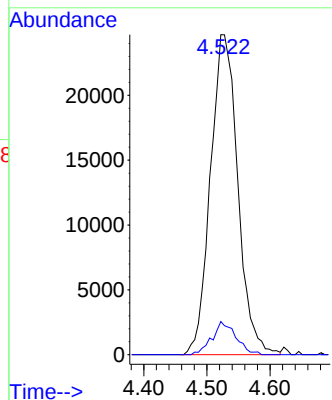
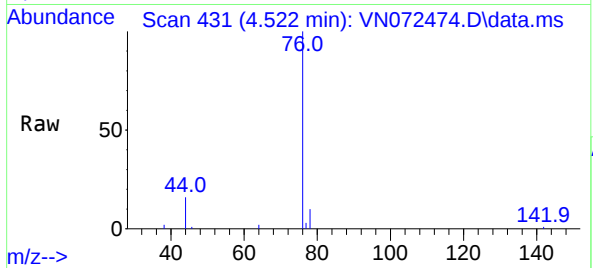
#17
Carbon Disulfide
Concen: 15.253 ug/l
RT: 4.522 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0513MBSD01

Tgt Ion: 76 Resp: 74289
Ion Ratio Lower Upper
76 100
78 10.4 7.2 10.8

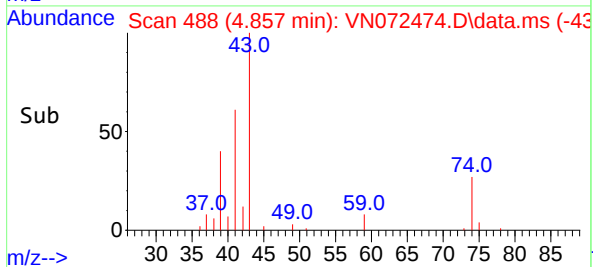
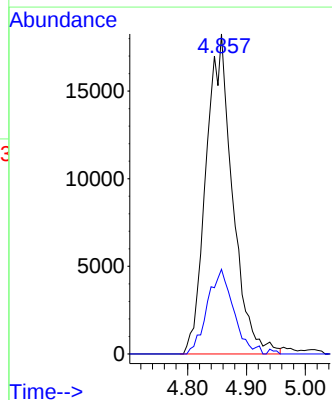
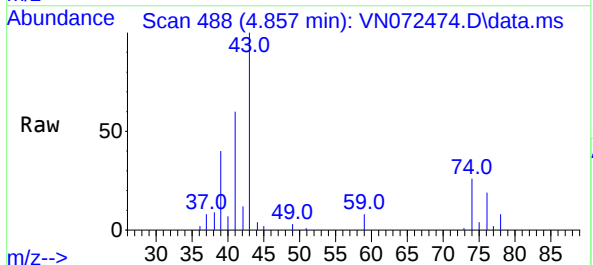
Manual Integrations
APPROVED

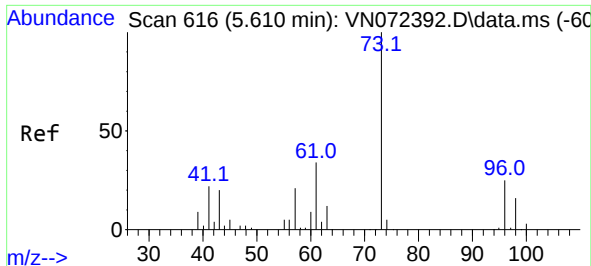
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#18
Methyl Acetate
Concen: 17.181 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.011 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

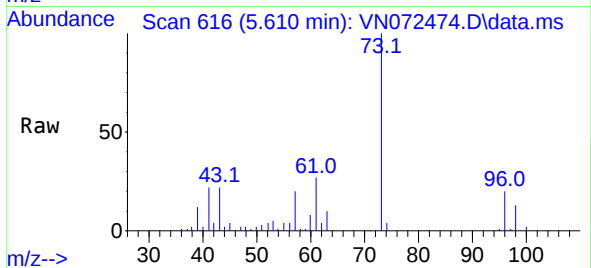
Tgt Ion: 43 Resp: 57267
Ion Ratio Lower Upper
43 100
74 26.0 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 18.703 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

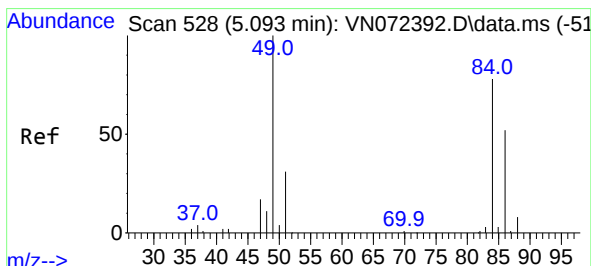
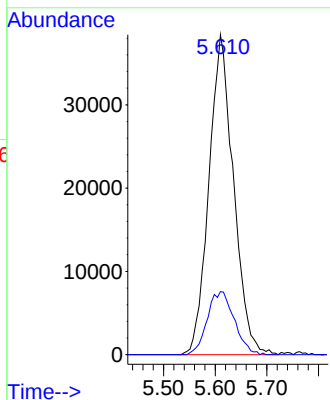
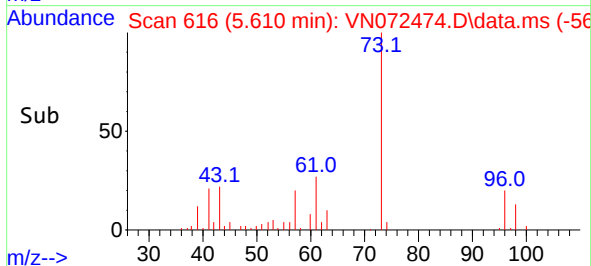
Instrument :
MSVOA_N
ClientSampleId :
VN0513MBSD01



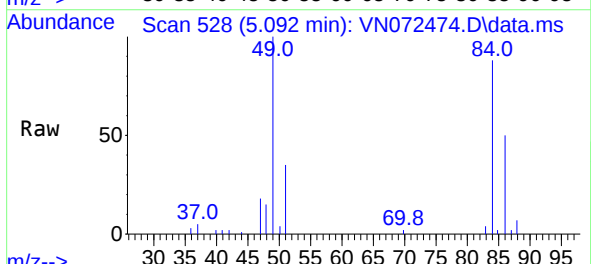
Tgt Ion: 73 Resp: 12693
Ion Ratio Lower Upper
73 100
57 19.7 17.6 26.4

Manual Integrations
APPROVED

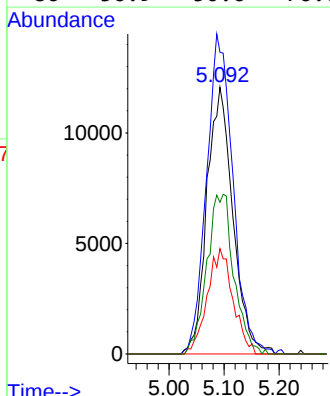
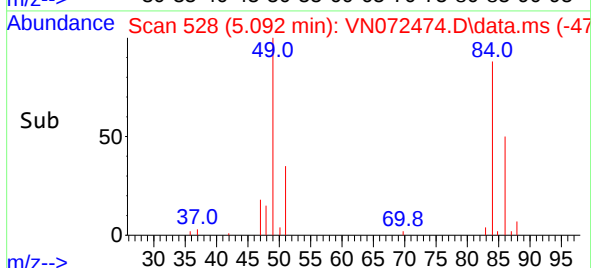
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

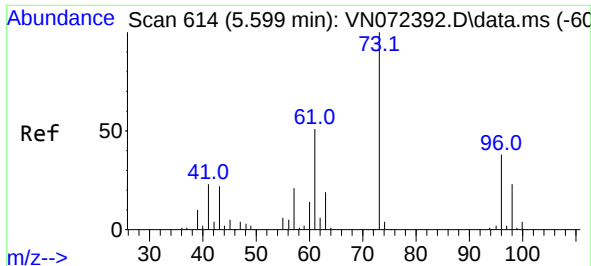


#20
Methylene Chloride
Concen: 17.122 ug/l
RT: 5.092 min Scan# 528
Delta R.T. -0.001 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00



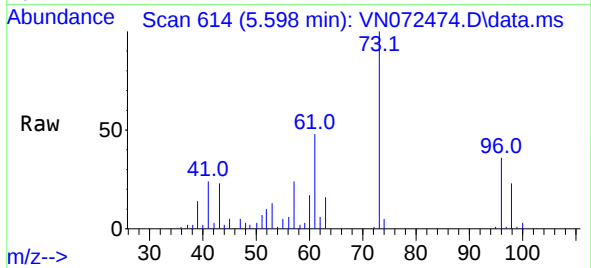
Tgt Ion: 84 Resp: 39744
Ion Ratio Lower Upper
84 100
49 113.2 88.3 132.5
51 39.5 28.2 42.2
86 56.9 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 17.311 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.001 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

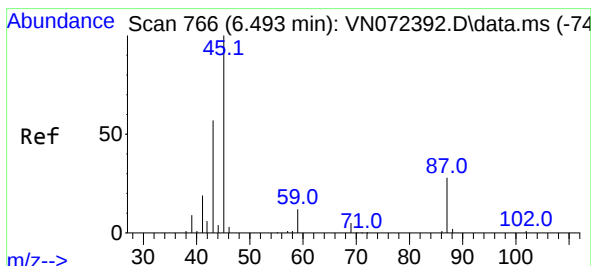
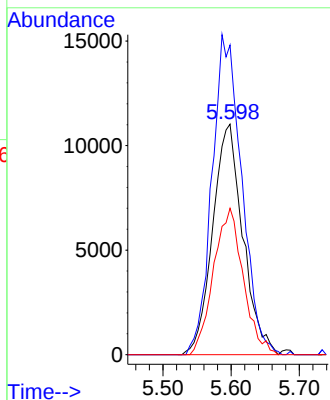
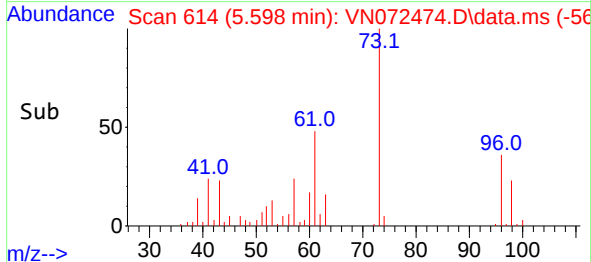
Instrument :
MSVOA_N
ClientSampleId :
VN0513MBS01



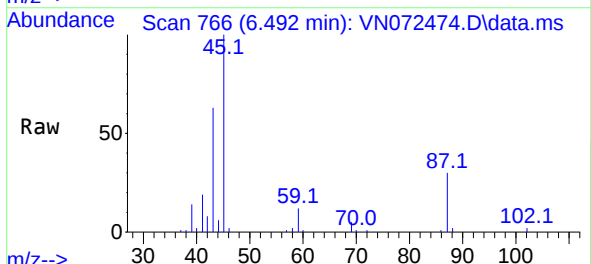
Tgt Ion: 96 Resp: 34014
Ion Ratio Lower Upper
96 100
61 134.3 105.8 158.8
98 63.5 50.3 75.5

Manual Integrations
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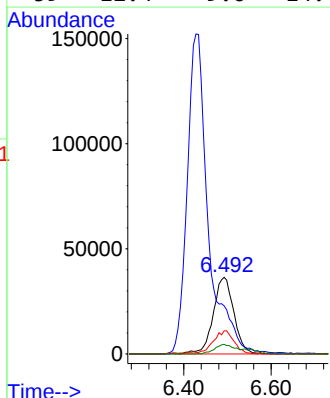
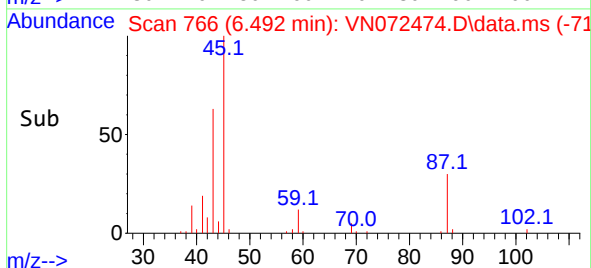
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

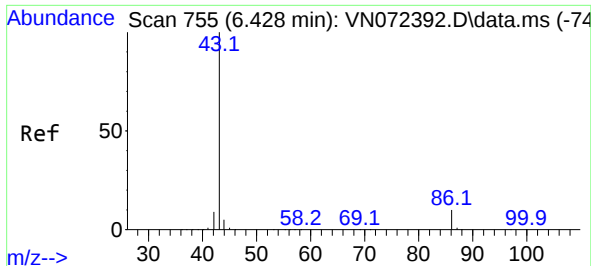


#22
Diisopropyl ether
Concen: 16.785 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.001 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00



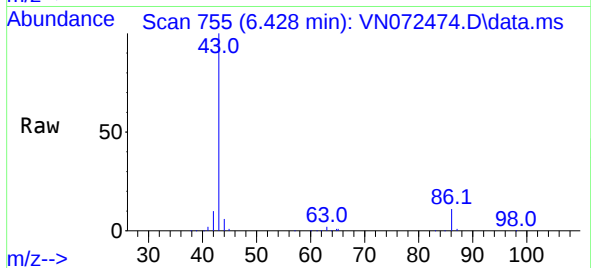
Tgt Ion: 45 Resp: 119258
Ion Ratio Lower Upper
45 100
43 61.1 46.6 70.0
87 30.0 24.3 36.5
59 12.4 9.6 14.4





#23
 Vinyl Acetate
 Concen: 85.758 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN072474.D
 Acq: 13 May 2022 14:00

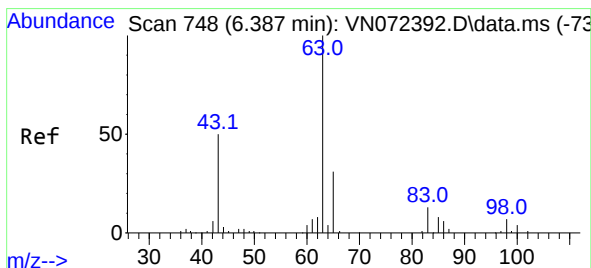
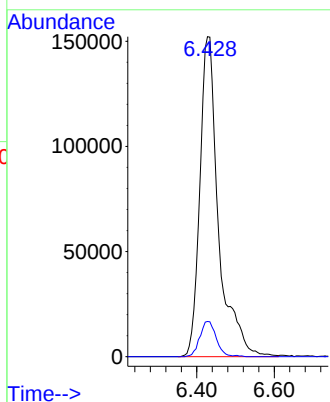
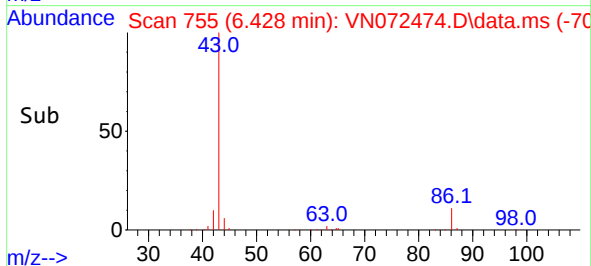
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513MBSD01



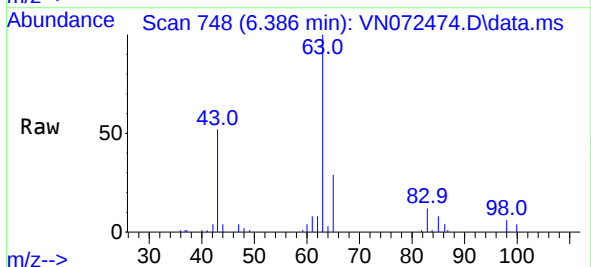
Tgt Ion: 43 Resp: 509840
 Ion Ratio Lower Upper
 43 100
 86 11.0 10.0 15.0

Manual Integrations
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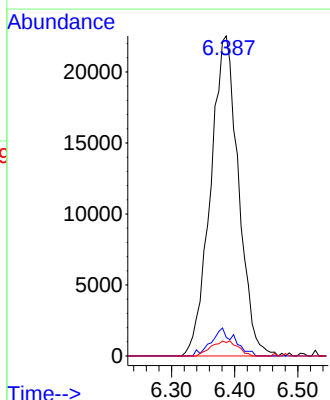
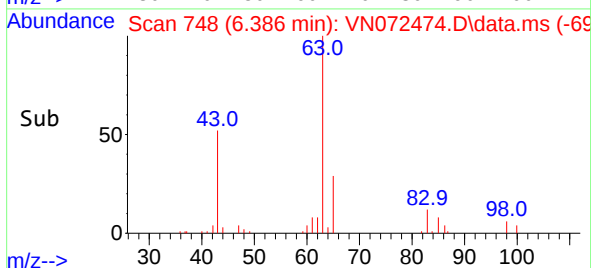
Reviewed By :John Carlone 05/16/2022
 Supervised By :Mahesh Dadoda 05/16/2022

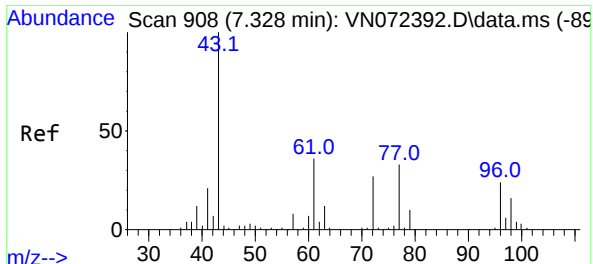


#24
 1,1-Dichloroethane
 Concen: 17.272 ug/l
 RT: 6.386 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN072474.D
 Acq: 13 May 2022 14:00



Tgt Ion: 63 Resp: 69254
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.5 10.4
 100 4.2 2.3 6.8





#25

2-Butanone

Concen: 81.768 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN072474.D

Acq: 13 May 2022 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN0513MBS01

Tgt Ion: 43 Resp: 14609

Ion Ratio Lower Upper

43 100

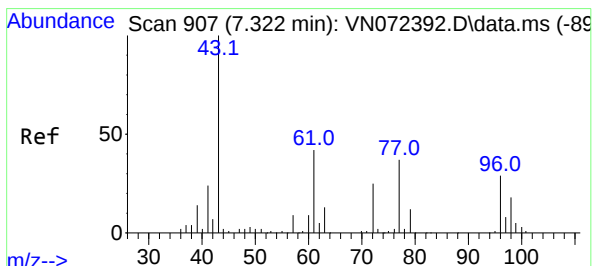
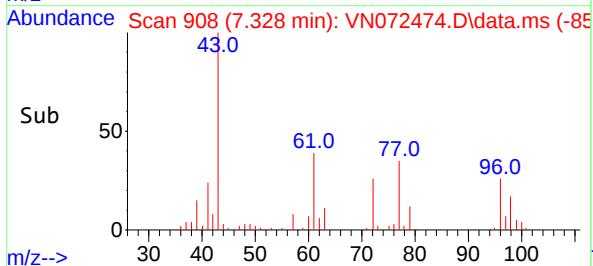
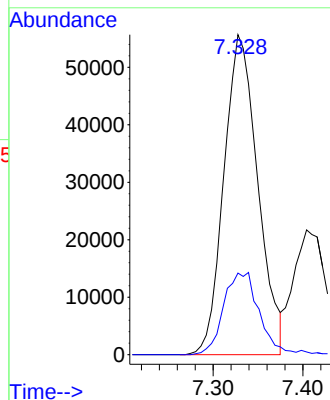
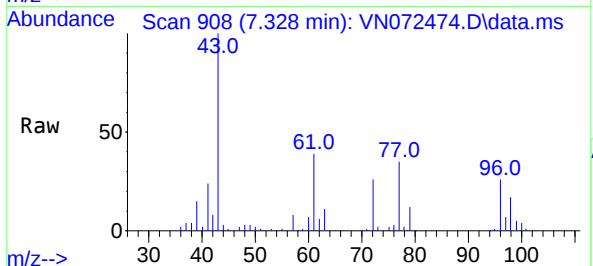
72 25.5 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#26

2,2-Dichloropropane

Concen: 18.982 ug/l

RT: 7.316 min Scan# 906

Delta R.T. -0.006 min

Lab File: VN072474.D

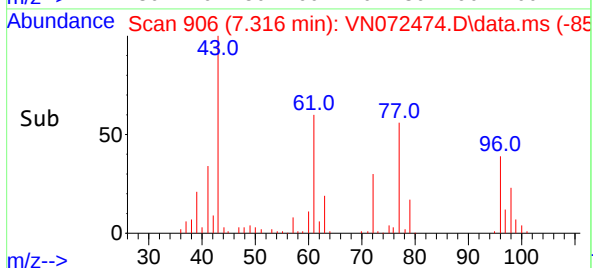
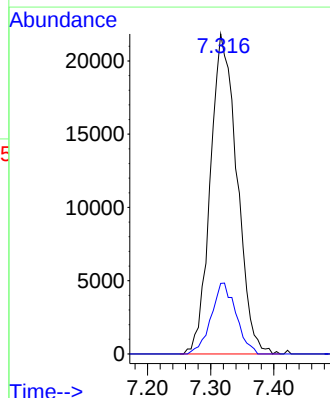
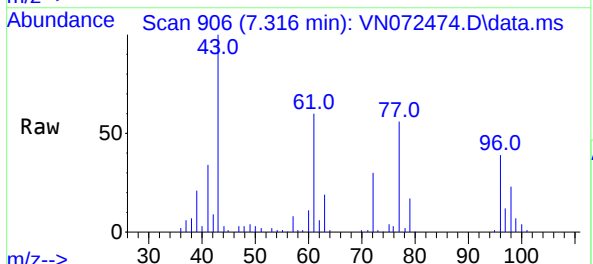
Acq: 13 May 2022 14:00

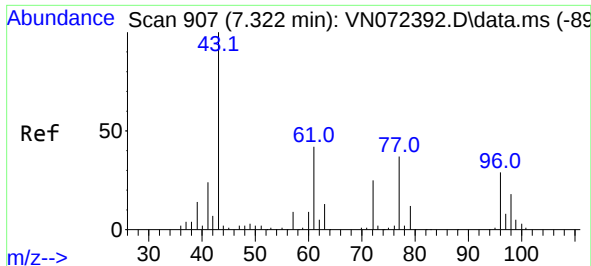
Tgt Ion: 77 Resp: 63958

Ion Ratio Lower Upper

77 100

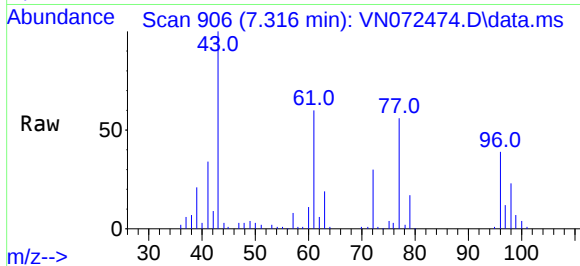
97 20.7 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 17.453 ug/l
 RT: 7.316 min Scan# 907
 Delta R.T. -0.006 min
 Lab File: VN072474.D
 Acq: 13 May 2022 14:00

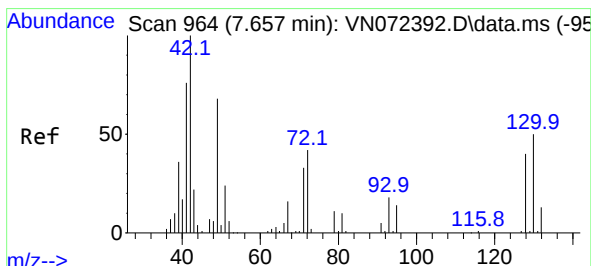
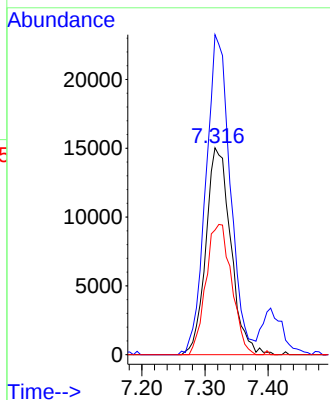
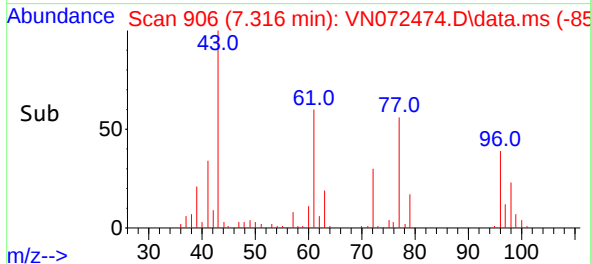
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513MBSD01



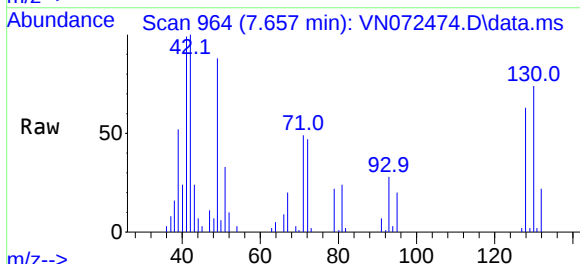
Tgt Ion: 96 Resp: 41220
 Ion Ratio Lower Upper
 96 100
 61 152.3 0.0 280.6
 98 64.8 0.0 128.4

Manual Integrations
 APPROVED

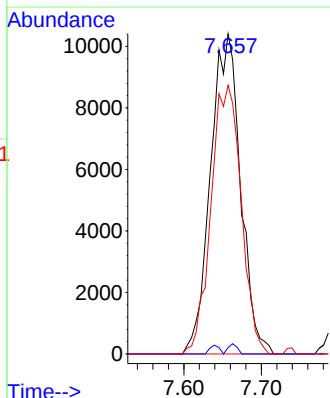
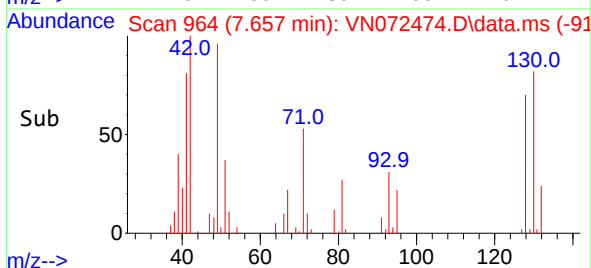
Reviewed By :John Carlone 05/16/2022
 Supervised By :Mahesh Dadoda 05/16/2022

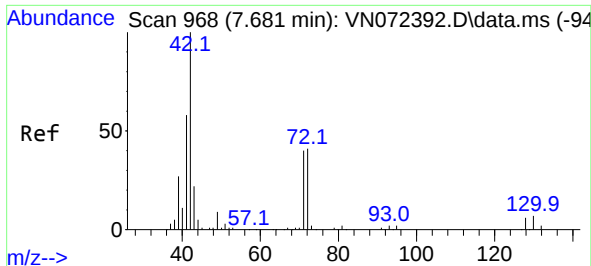


#28
 Bromochloromethane
 Concen: 16.425 ug/l
 RT: 7.657 min Scan# 964
 Delta R.T. 0.000 min
 Lab File: VN072474.D
 Acq: 13 May 2022 14:00



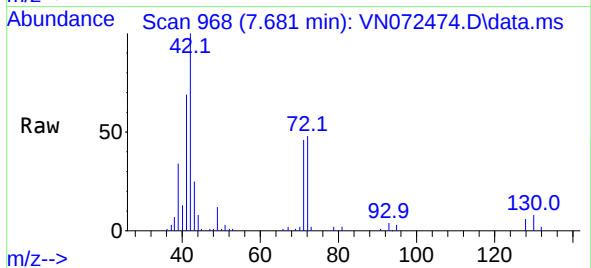
Tgt Ion: 49 Resp: 27963
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.6
 130 84.5 69.7 104.5





#29
Tetrahydrofuran
Concen: 79.675 ug/l
RT: 7.681 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

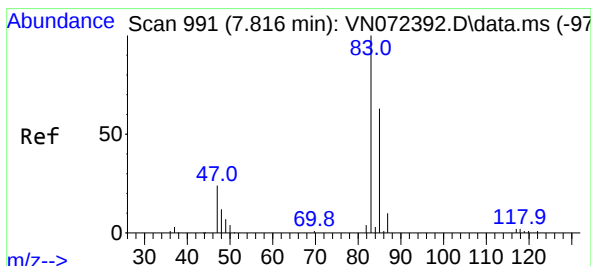
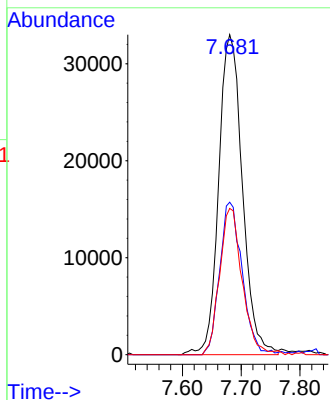
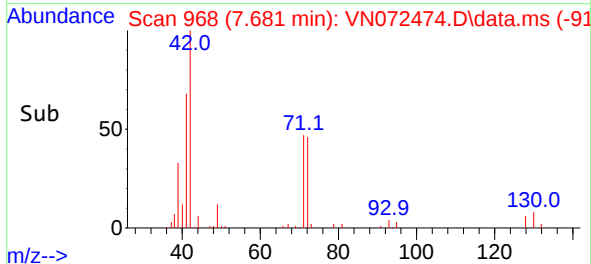
Instrument :
MSVOA_N
ClientSampleId :
VN0513MBSD01



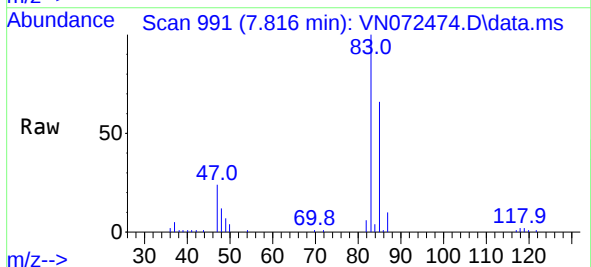
Tgt Ion: 42 Resp: 9251
Ion Ratio Lower Upper
42 100
72 45.2 39.7 59.5
71 43.6 36.6 55.0

Manual Integrations
APPROVED

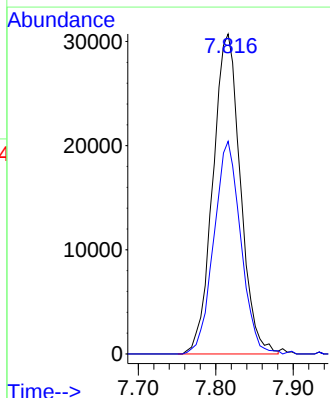
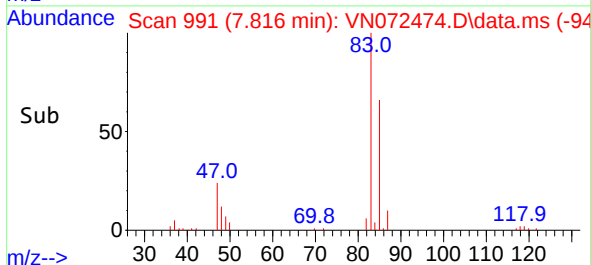
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

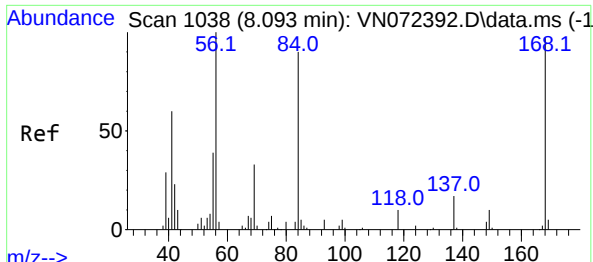


#30
Chloroform
Concen: 18.572 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00



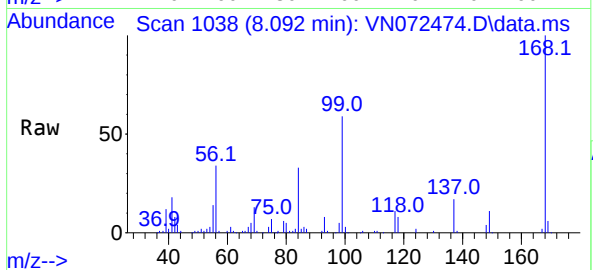
Tgt Ion: 83 Resp: 75755
Ion Ratio Lower Upper
83 100
85 66.5 51.8 77.8





#31
Cyclohexane
Concen: 15.172 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.001 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

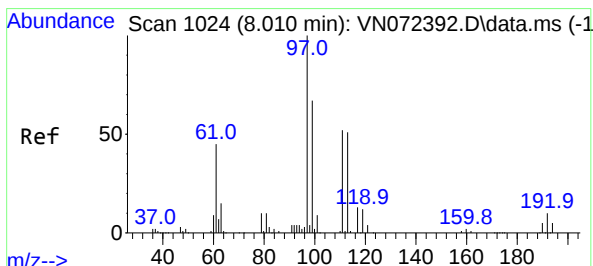
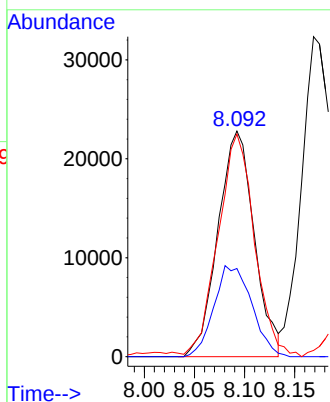
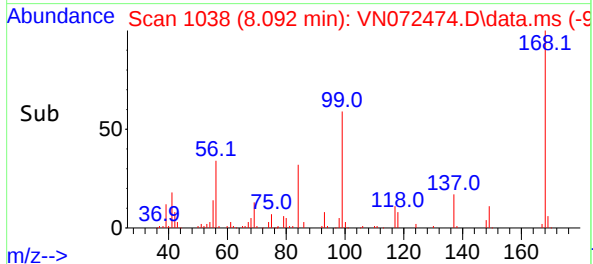
Instrument :
MSVOA_N
ClientSampleId :
VN0513MBSD01



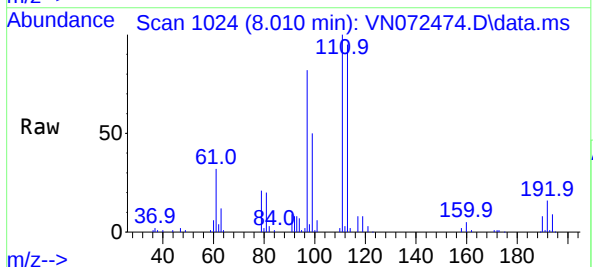
Tgt Ion: 56 Resp: 57468
Ion Ratio Lower Upper
56 100
69 39.1 27.8 41.8
84 97.1 76.9 115.3

Manual Integrations
APPROVED

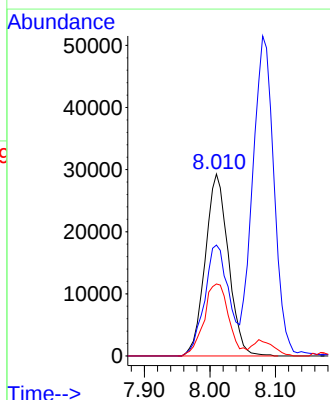
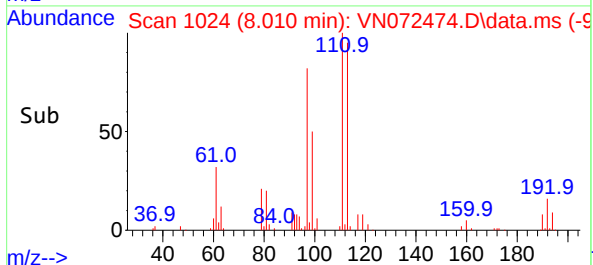
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

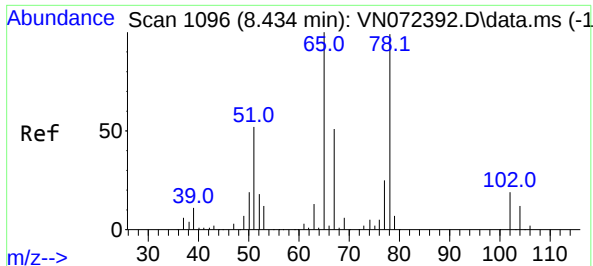


#32
1,1,1-Trichloroethane
Concen: 19.184 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00



Tgt Ion: 97 Resp: 71775
Ion Ratio Lower Upper
97 100
99 64.6 50.6 76.0
61 42.6 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 47.927 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072474.D

Acq: 13 May 2022 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN0513MBS01

Tgt Ion: 65 Resp: 13700

Ion Ratio Lower Upper

65 100

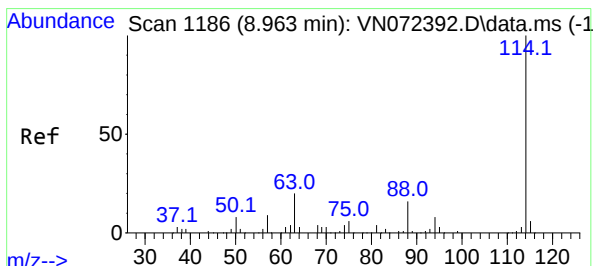
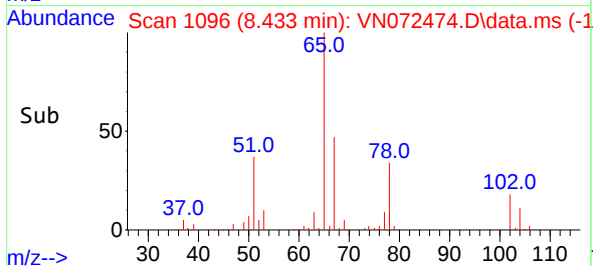
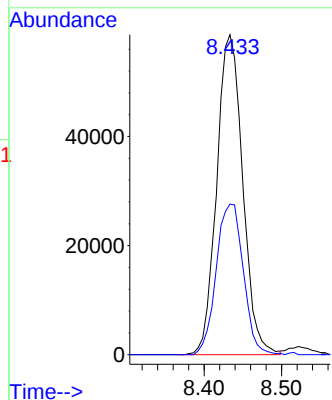
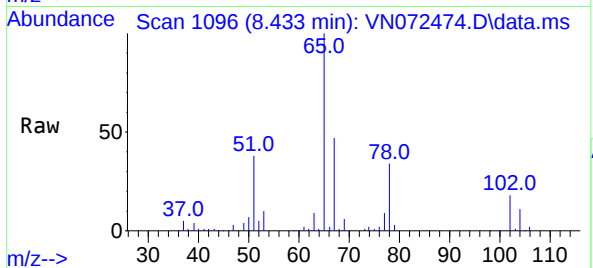
67 49.0 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072474.D

Acq: 13 May 2022 14:00

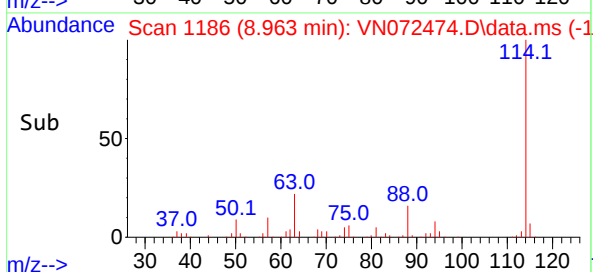
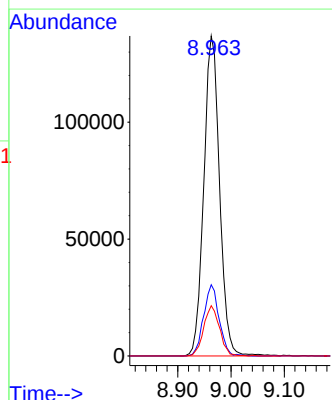
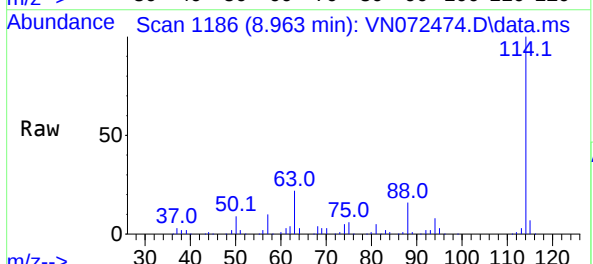
Tgt Ion:114 Resp: 281568

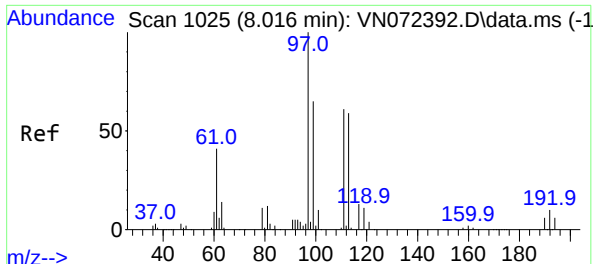
Ion Ratio Lower Upper

114 100

63 22.3 0.0 40.0

88 15.7 0.0 32.6





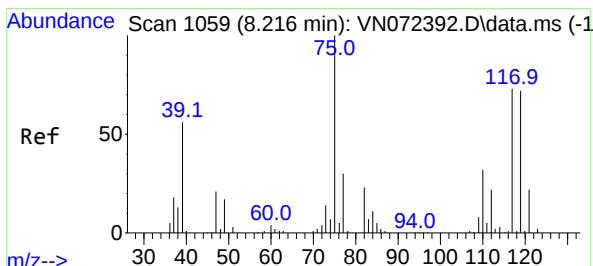
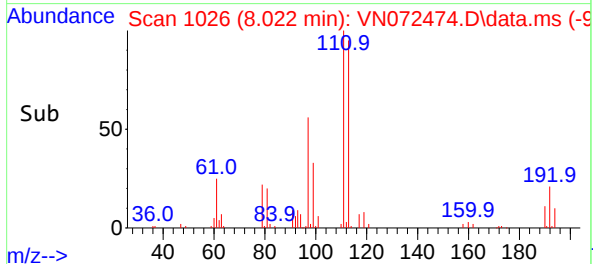
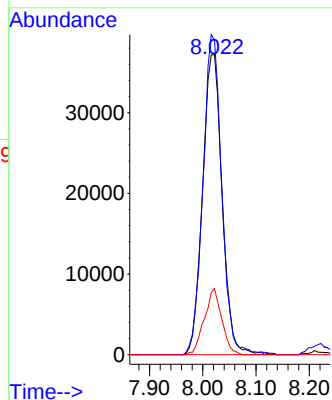
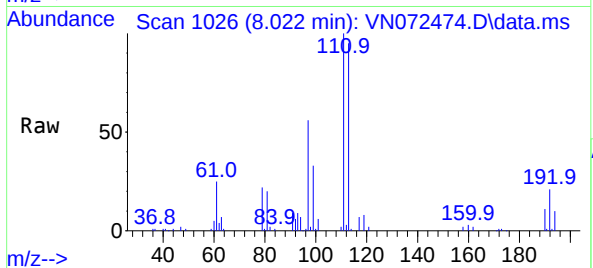
#35
Dibromofluoromethane
Concen: 50.542 ug/l
RT: 8.022 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0513MBSD01

Tgt Ion: 113 Resp: 94679
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.0
192 19.7 17.0 25.6

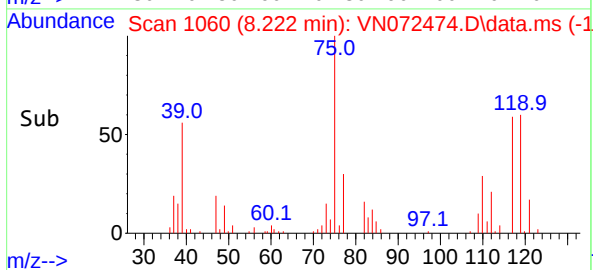
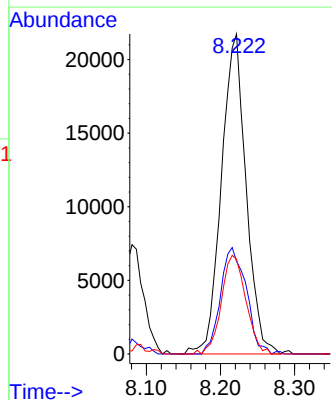
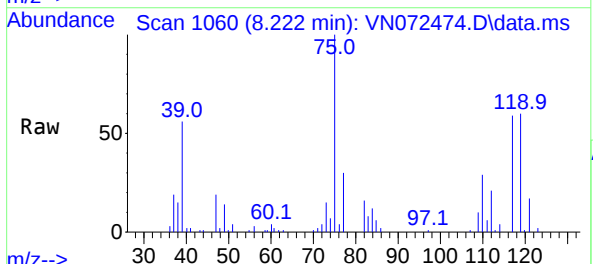
Manual Integrations
APPROVED

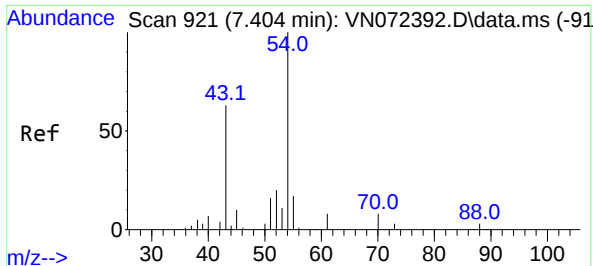
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#36
1,1-Dichloropropene
Concen: 18.661 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

Tgt Ion: 75 Resp: 50209
Ion Ratio Lower Upper
75 100
110 34.9 18.3 54.8
77 30.7 25.1 37.7





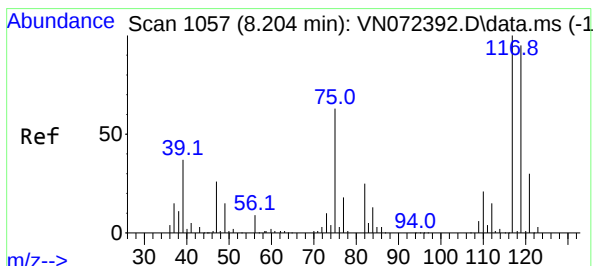
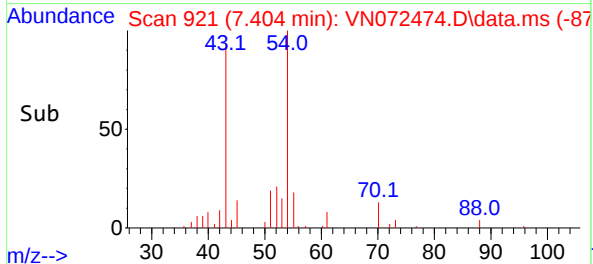
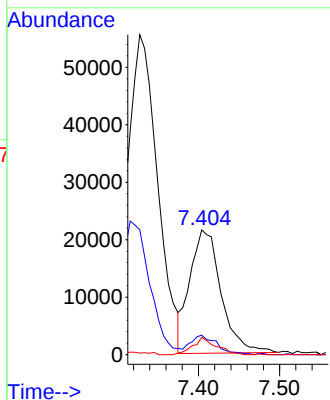
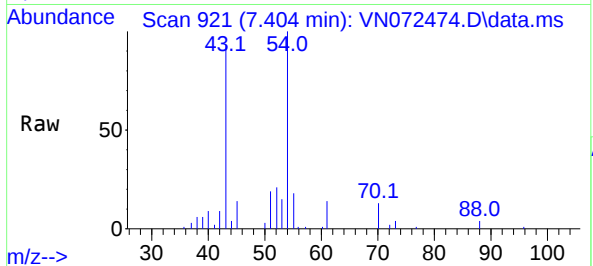
#37
Ethyl Acetate
Concen: 17.852 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0513MBS01

Tgt Ion: 43 Resp: 57629
Ion Ratio Lower Upper
43 100
61 13.1 11.8 17.6
70 10.3 9.3 13.9

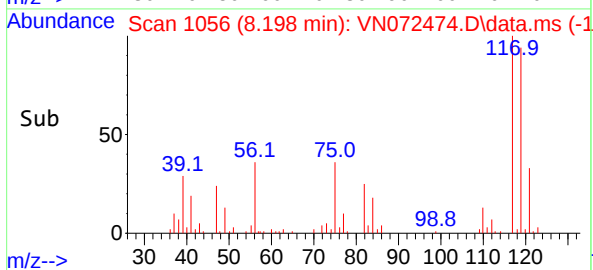
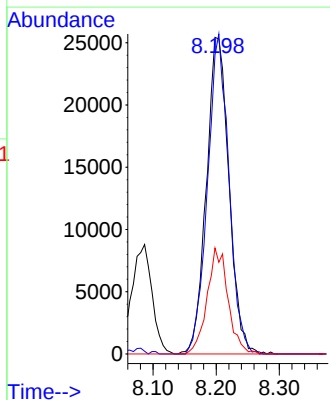
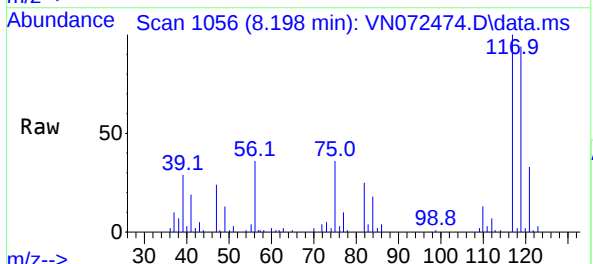
Manual Integrations
APPROVED

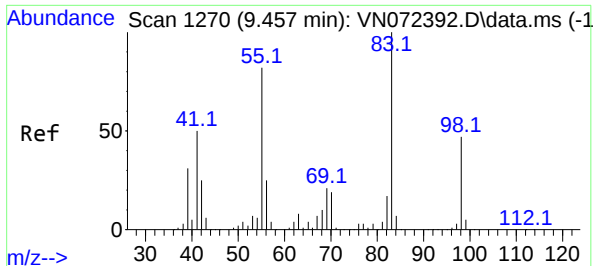
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#38
Carbon Tetrachloride
Concen: 20.996 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

Tgt Ion:117 Resp: 63225
Ion Ratio Lower Upper
117 100
119 94.4 75.8 113.8
121 33.5 24.6 37.0





#39

Methylcyclohexane

Concen: 19.520 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072474.D

Acq: 13 May 2022 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN0513MBS01

Tgt Ion: 83 Resp: 59024

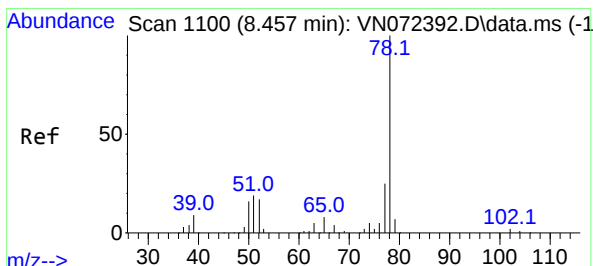
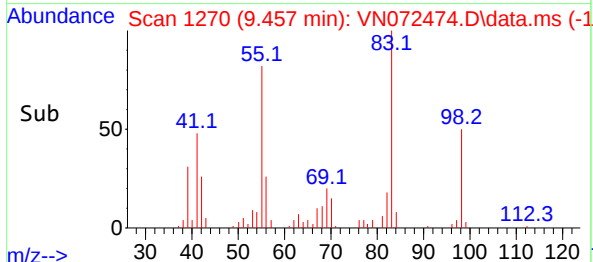
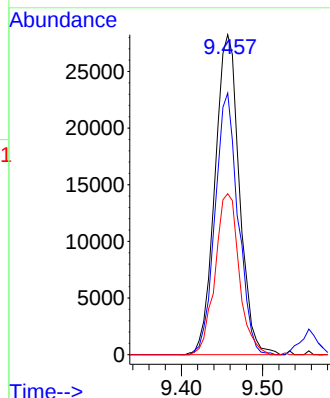
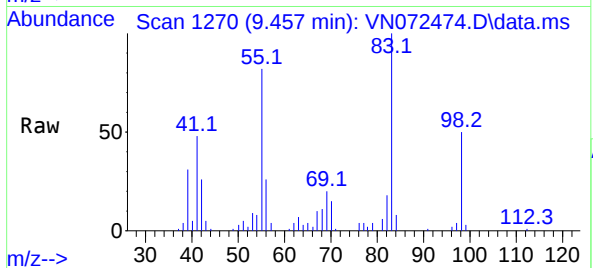
Ion	Ratio	Lower	Upper
83	100		
55	81.8	57.8	86.8
98	50.3	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#40

Benzene

Concen: 18.402 ug/l

RT: 8.457 min Scan# 1100

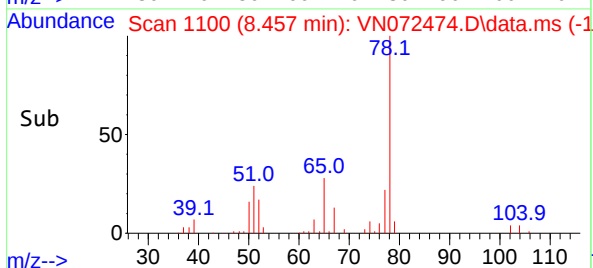
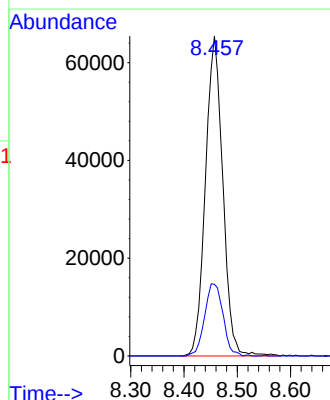
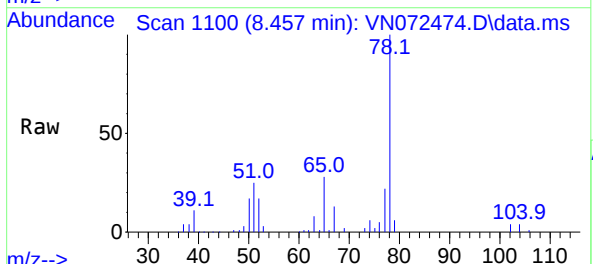
Delta R.T. -0.000 min

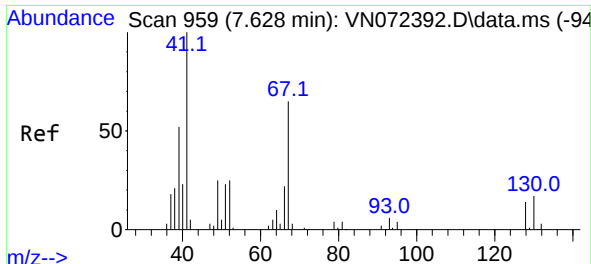
Lab File: VN072474.D

Acq: 13 May 2022 14:00

Tgt Ion: 78 Resp: 147904

Ion	Ratio	Lower	Upper
78	100		
77	22.4	19.4	29.0





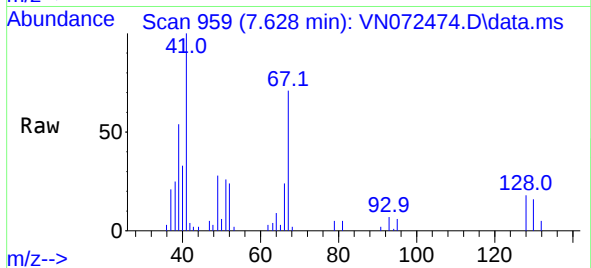
#41
Methacrylonitrile
Concen: 19.342 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN0513MBSD01

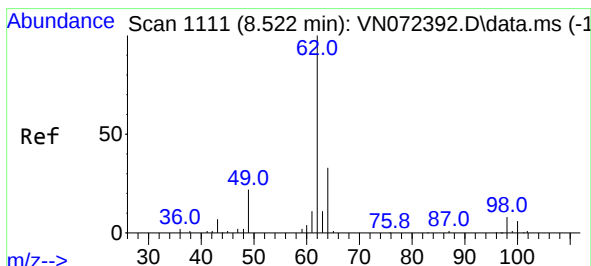
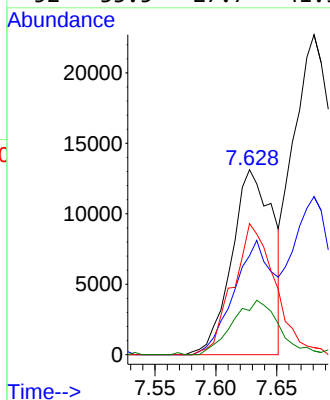
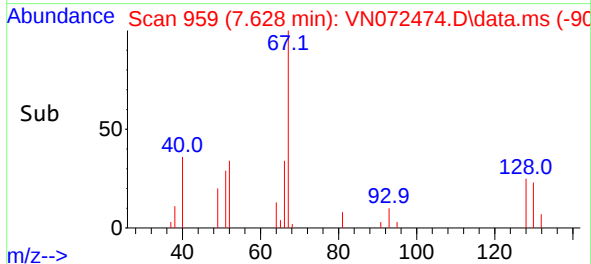


Tgt Ion: 41 Resp: 3091
Ion Ratio Lower Upper
41 100
39 59.0 48.6 73.0
67 72.6 73.4 110.2
52 33.5 27.7 41.5

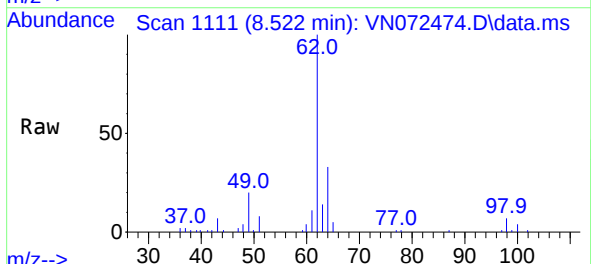
Manual Integrations

APPROVED

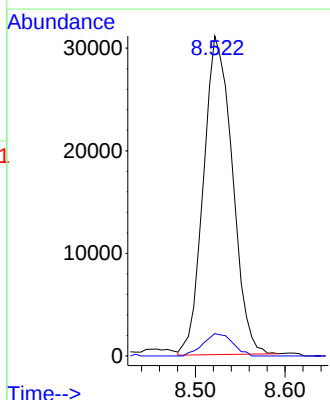
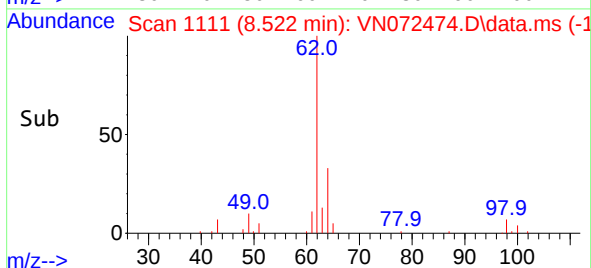
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

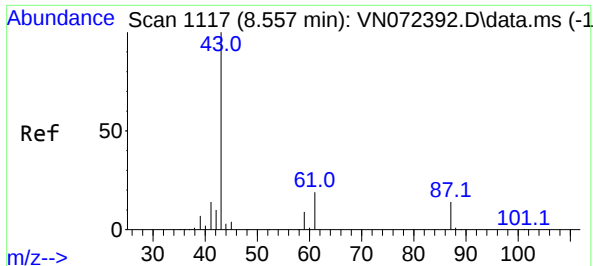


#42
1,2-Dichloroethane
Concen: 21.470 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00



Tgt Ion: 62 Resp: 69359
Ion Ratio Lower Upper
62 100
98 7.2 0.0 19.4





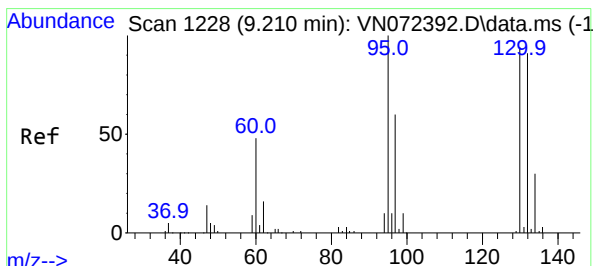
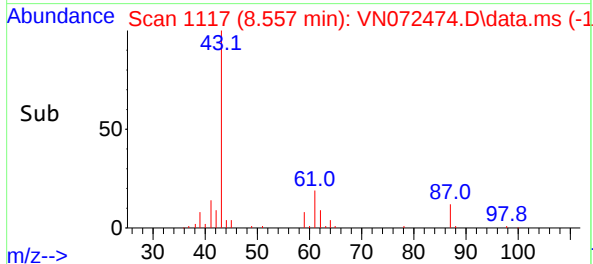
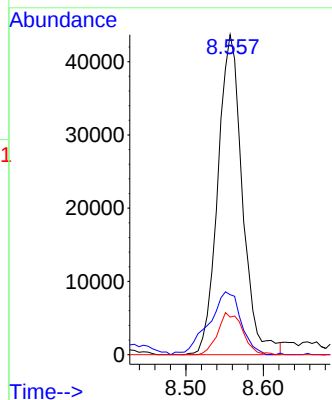
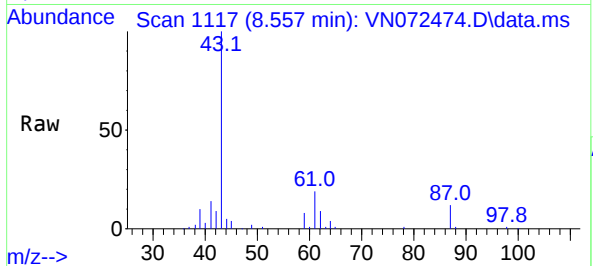
#43
Isopropyl Acetate
Concen: 19.416 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0513MBS01

Tgt Ion: 43 Resp: 9627
Ion Ratio Lower Upper
43 100
61 25.6 21.9 32.9
87 13.3 12.0 18.0

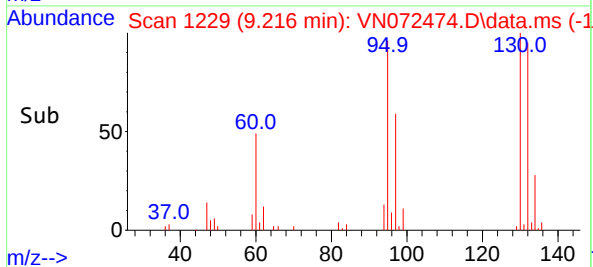
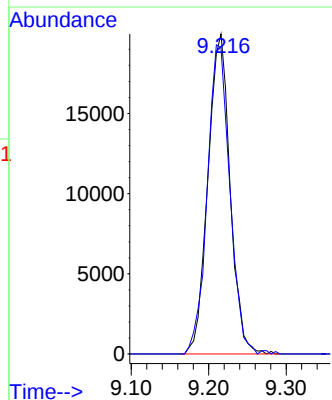
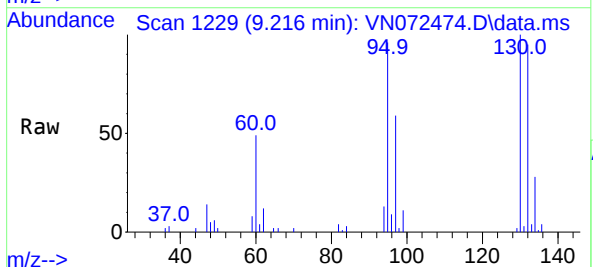
Manual Integrations
APPROVED

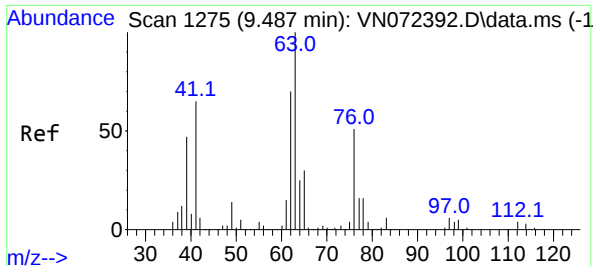
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#44
Trichloroethene
Concen: 19.404 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

Tgt Ion:130 Resp: 39591
Ion Ratio Lower Upper
130 100
95 95.7 0.0 186.8





#45

1,2-Dichloropropane

Concen: 19.061 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. -0.001 min

Lab File: VN072474.D

Acq: 13 May 2022 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN0513MBS01

Tgt Ion: 63 Resp: 3912

Ion Ratio Lower Upper

63 100

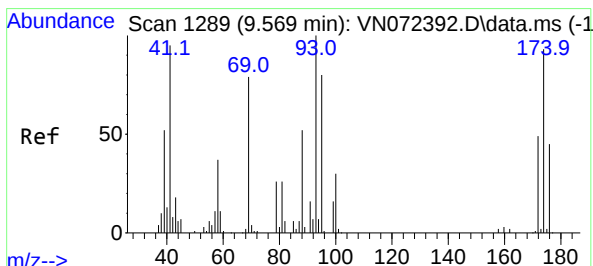
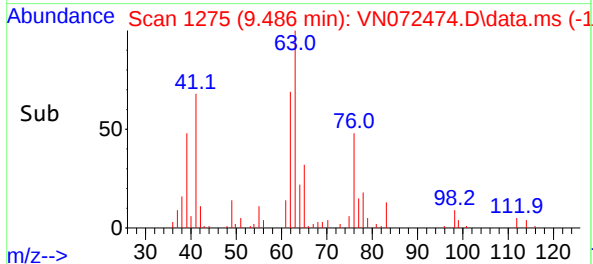
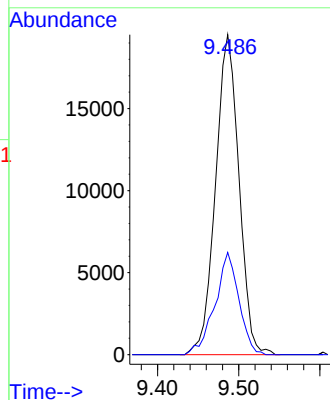
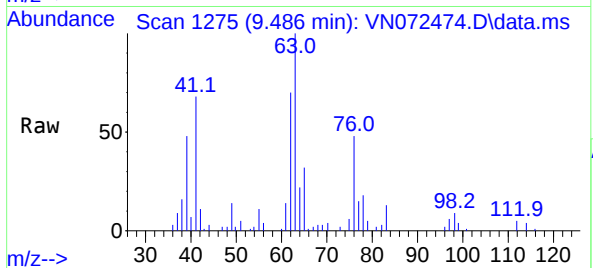
65 32.0 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#46

Dibromomethane

Concen: 20.461 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.000 min

Lab File: VN072474.D

Acq: 13 May 2022 14:00

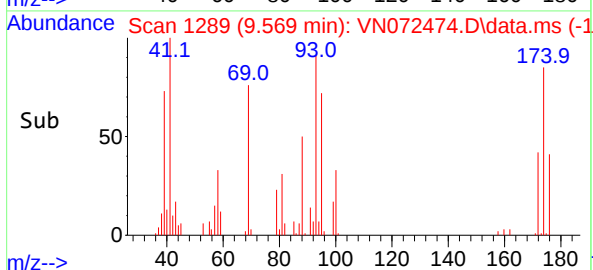
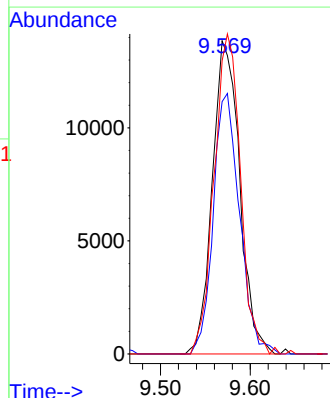
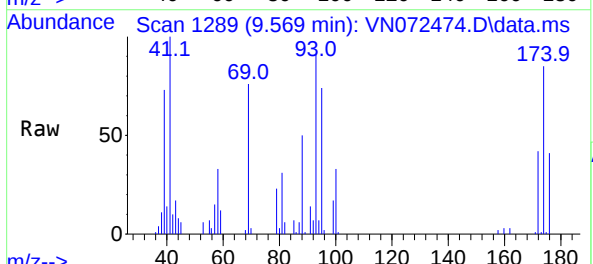
Tgt Ion: 93 Resp: 29243

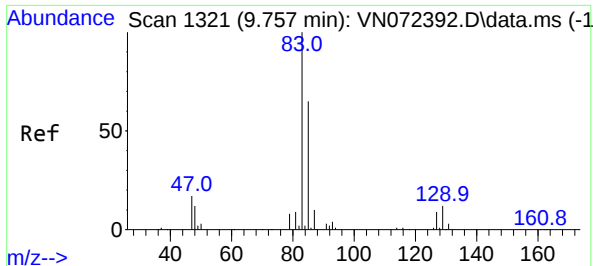
Ion Ratio Lower Upper

93 100

95 80.4 66.9 100.3

174 98.7 86.6 130.0





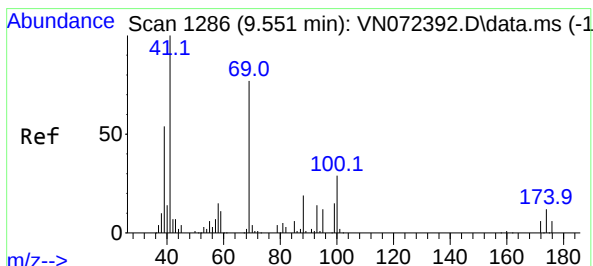
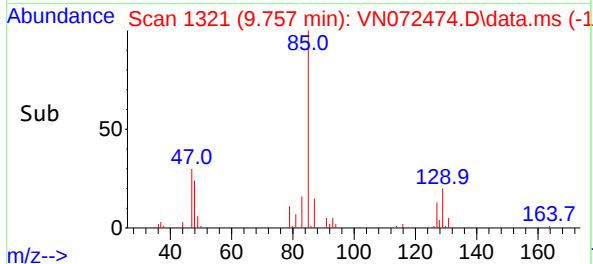
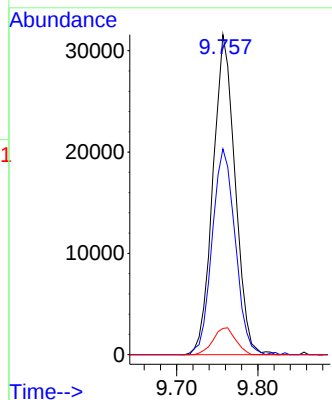
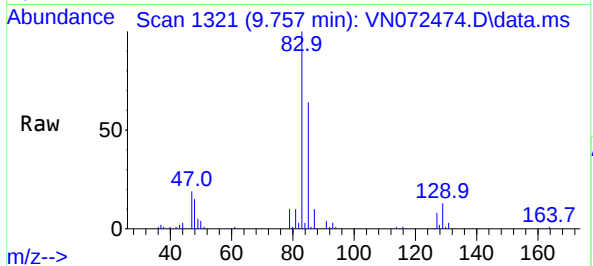
#47
Bromodichloromethane
Concen: 20.575 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0513MBS01

Tgt Ion: 83 Resp: 5995
Ion Ratio Lower Upper
83 100
85 64.3 50.5 75.7
127 8.2 6.8 10.2

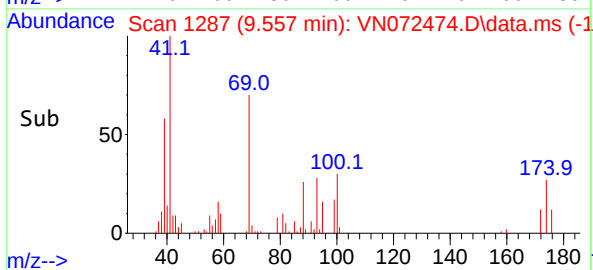
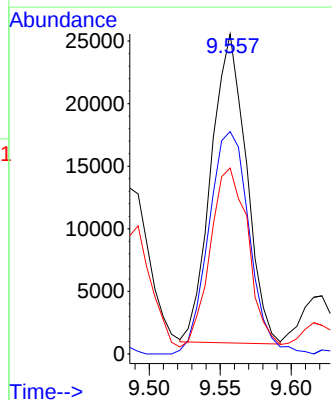
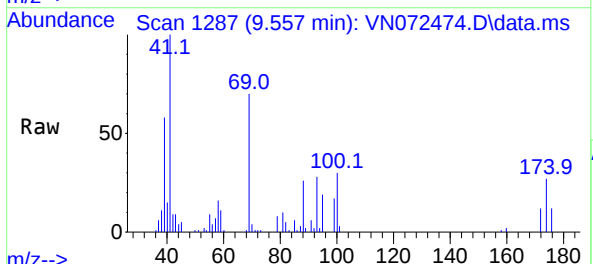
Manual Integrations
APPROVED

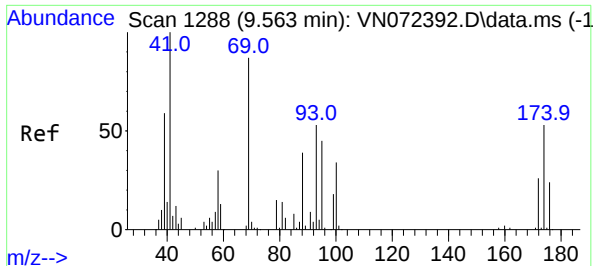
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#48
Methyl methacrylate
Concen: 18.391 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

Tgt Ion: 41 Resp: 42544
Ion Ratio Lower Upper
41 100
69 83.2 74.7 112.1
39 67.7 45.6 68.4





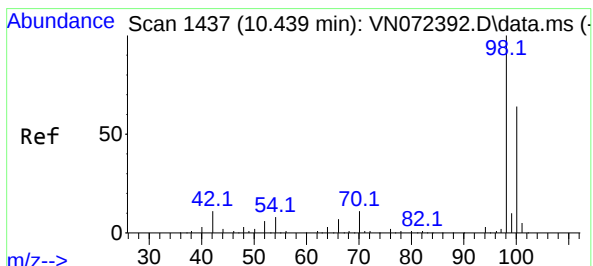
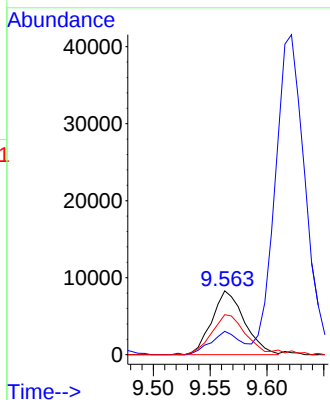
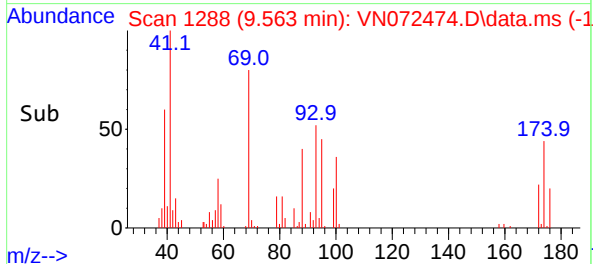
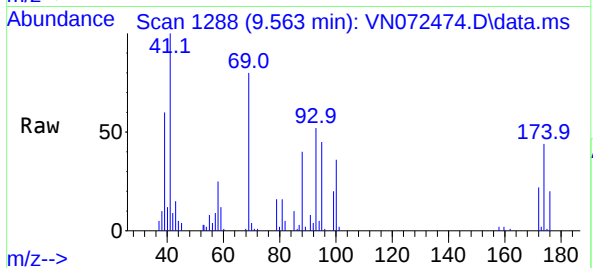
#49
1,4-Dioxane
Concen: 417.843 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0513MBSD01

Tgt Ion: 88 Resp: 16489
Ion Ratio Lower Upper
88 100
43 35.2 20.2 30.4
58 64.9 54.2 81.4

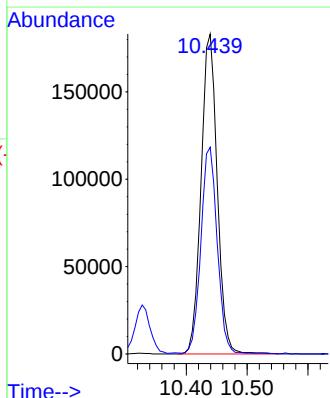
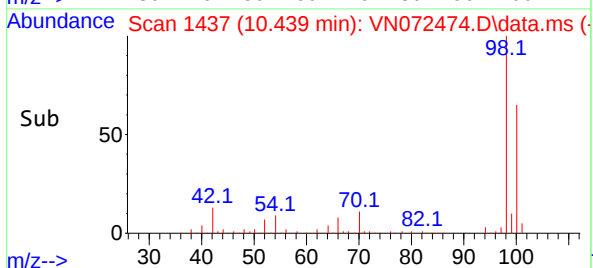
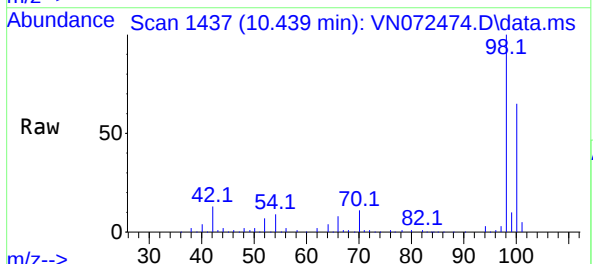
Manual Integrations
APPROVED

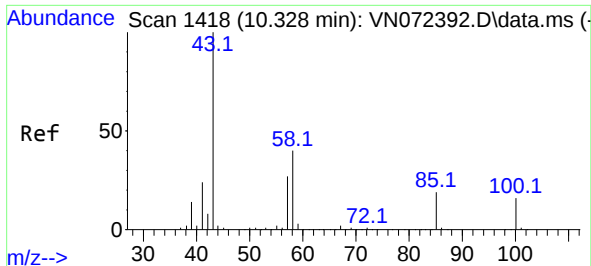
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#50
Toluene-d8
Concen: 47.423 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

Tgt Ion: 98 Resp: 338333
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8





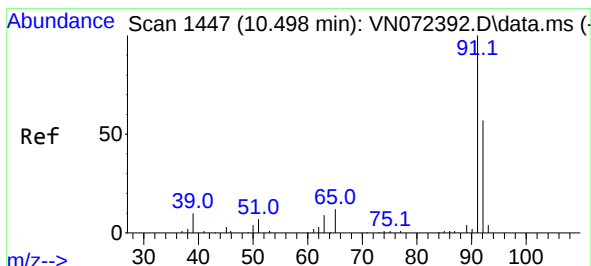
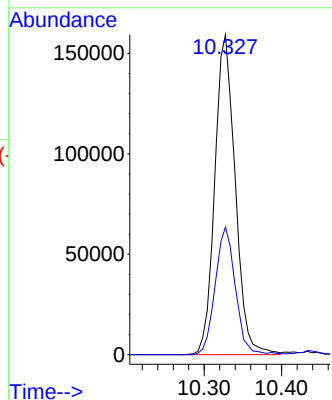
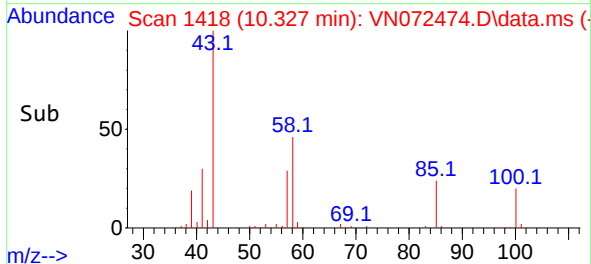
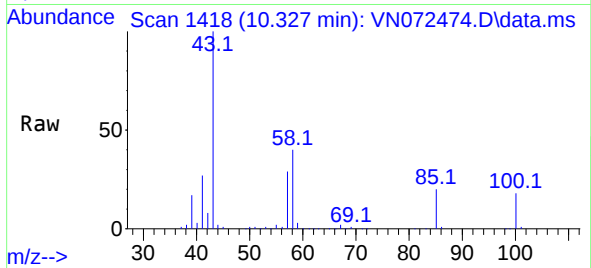
#51
4-Methyl-2-Pentanone
Concen: 94.945 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0513MBS01

Tgt Ion: 43 Resp: 292325
Ion Ratio Lower Upper
43 100
58 39.3 34.1 51.1

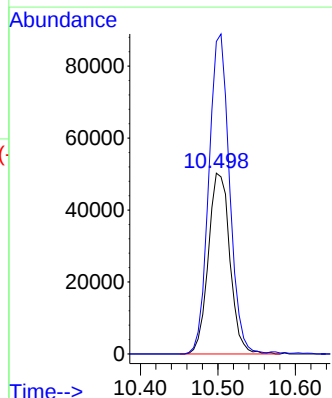
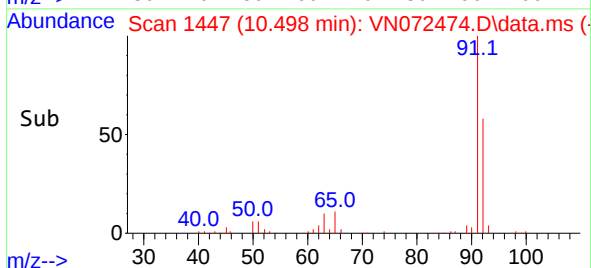
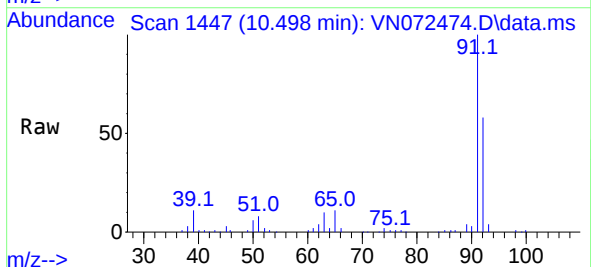
Manual Integrations
APPROVED

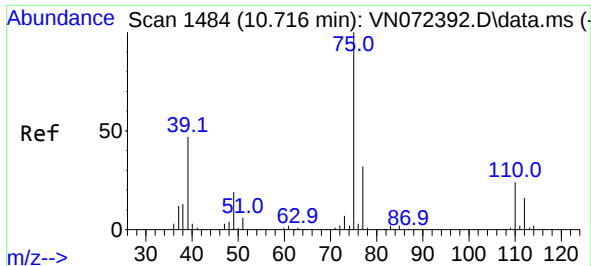
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#52
Toluene
Concen: 19.629 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

Tgt Ion: 92 Resp: 97283
Ion Ratio Lower Upper
92 100
91 170.0 138.6 207.8





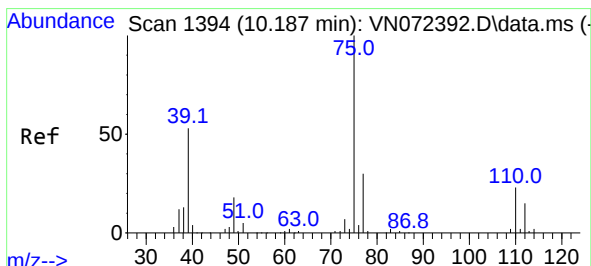
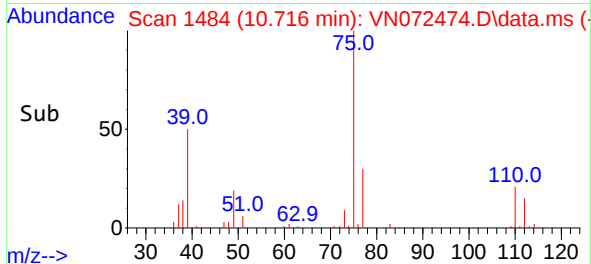
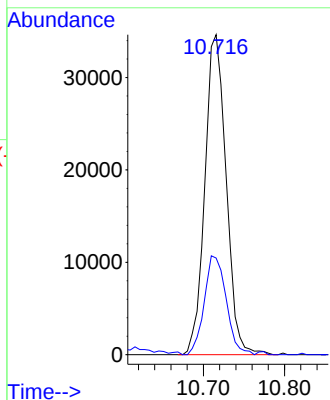
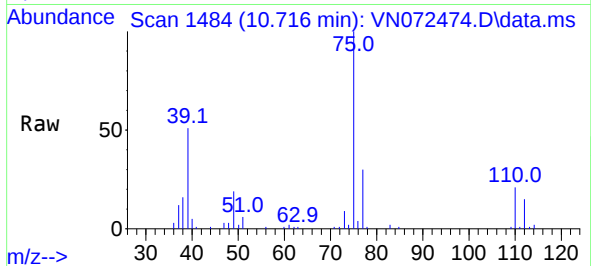
#53
t-1,3-Dichloropropene
Concen: 21.284 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0513MBS01

Tgt Ion: 75 Resp: 63124
Ion Ratio Lower Upper
75 100
77 30.2 25.6 38.4

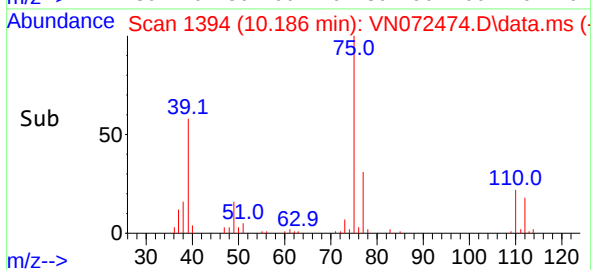
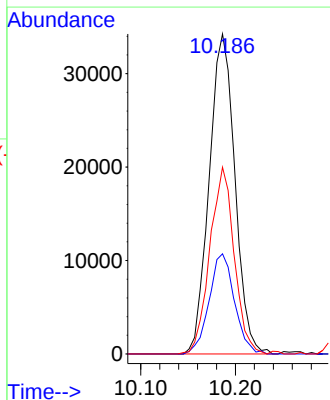
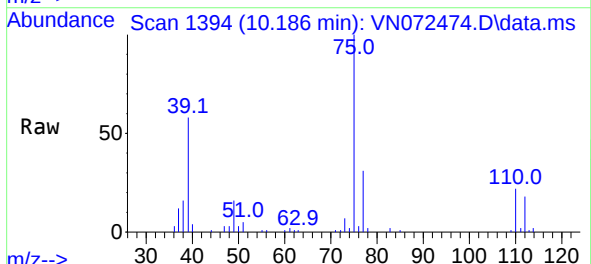
Manual Integrations
APPROVED

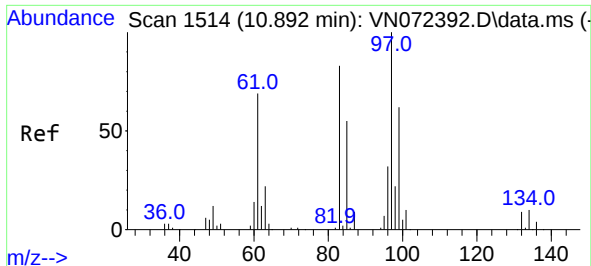
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#54
cis-1,3-Dichloropropene
Concen: 20.420 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. -0.001 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

Tgt Ion: 75 Resp: 64614
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8
39 58.4 35.7 53.5#





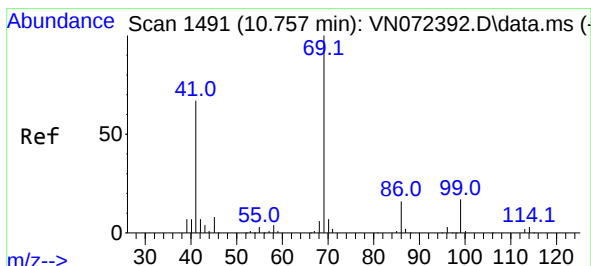
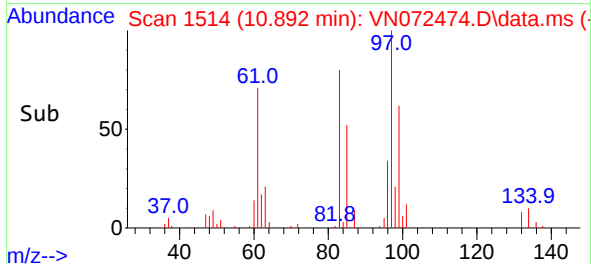
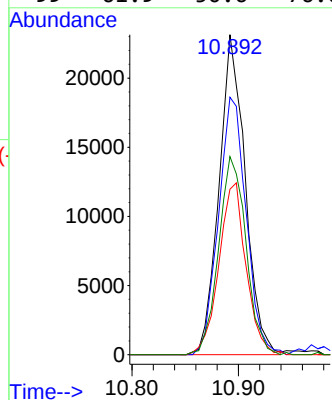
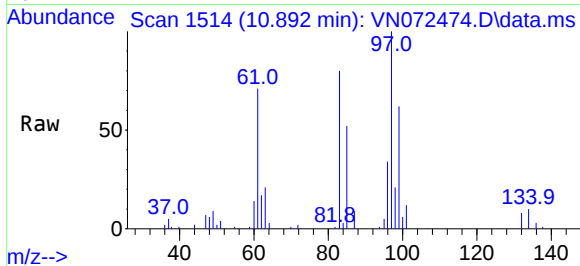
#55
1,1,2-Trichloroethane
Concen: 19.070 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0513MBSD01

Tgt Ion: 97	Resp: 3937
Ion Ratio	Lower Upper
97 100	
83 80.5	66.2 99.4
85 51.7	43.9 65.9
99 61.9	50.6 76.0

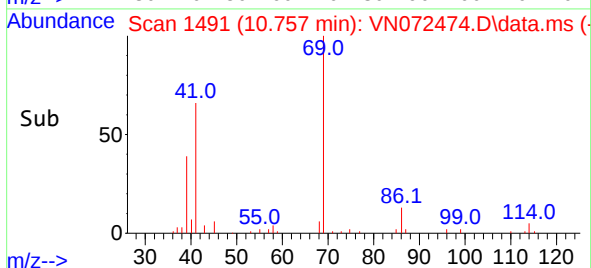
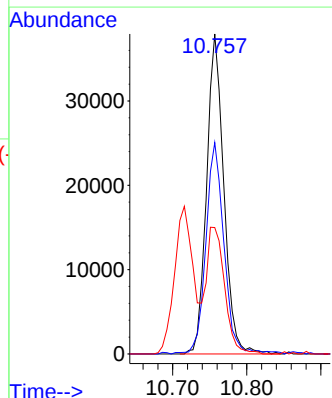
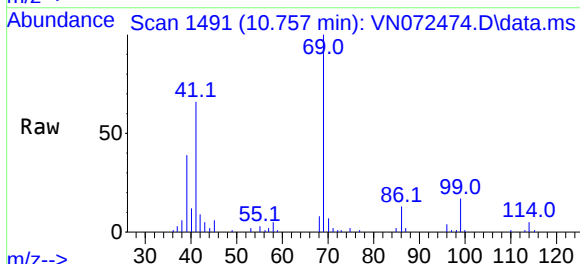
Manual Integrations
APPROVED

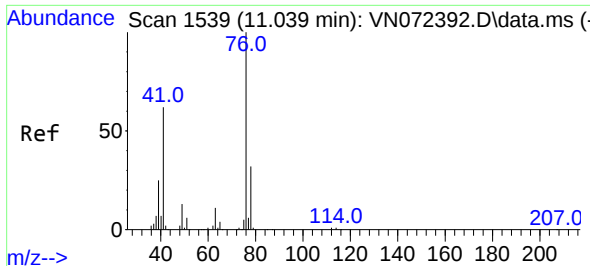
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#56
Ethyl methacrylate
Concen: 20.696 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

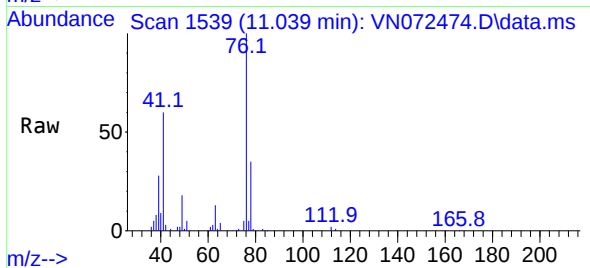
Tgt Ion: 69	Resp: 61241
Ion Ratio	Lower Upper
69 100	
41 69.7	47.8 71.6
39 41.0	27.3 40.9#





#57
1,3-Dichloropropane
Concen: 19.446 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

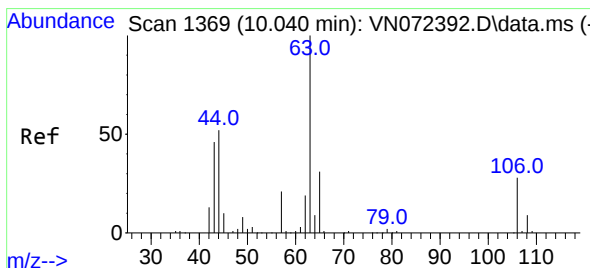
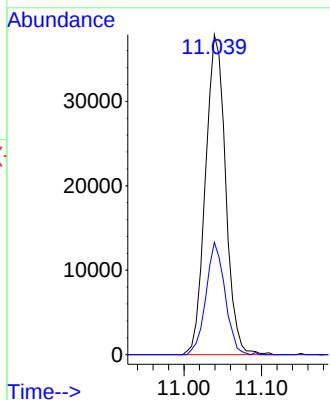
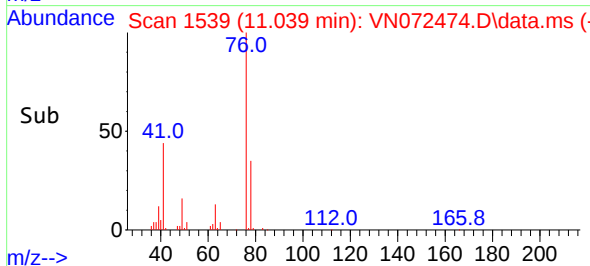
Instrument :
MSVOA_N
ClientSampleId :
VN0513MBS01



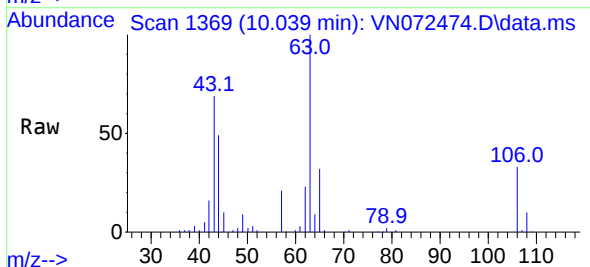
Tgt Ion: 76 Resp: 68360
Ion Ratio Lower Upper
76 100
78 33.2 26.2 39.2

Manual Integrations
APPROVED

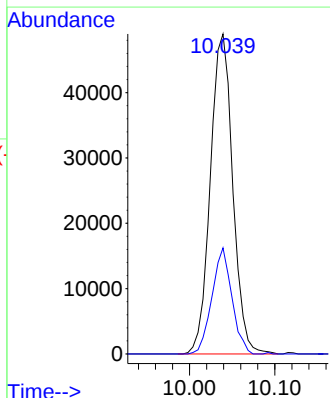
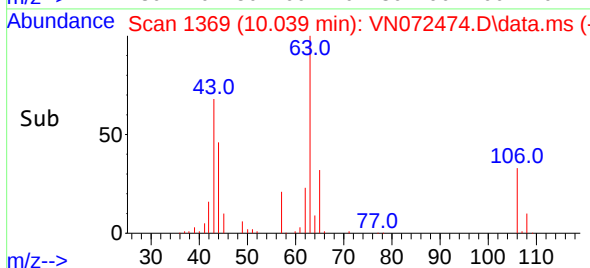
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

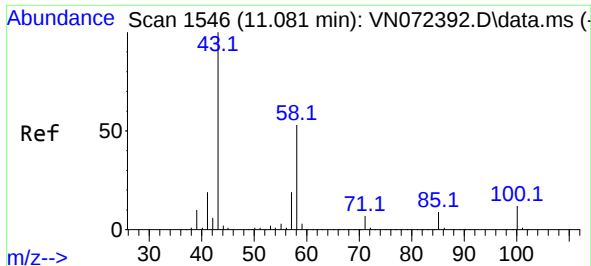


#58
2-Chloroethyl Vinyl ether
Concen: 121.334 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. -0.001 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00



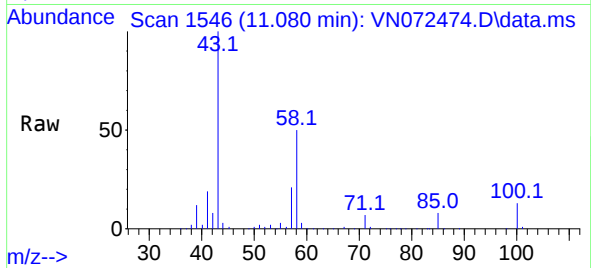
Tgt Ion: 63 Resp: 89385
Ion Ratio Lower Upper
63 100
106 29.5 24.6 36.8





#59
2-Hexanone
Concen: 95.548 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

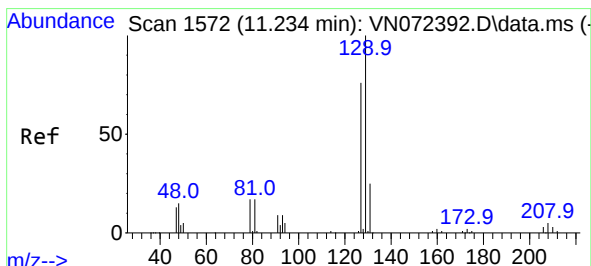
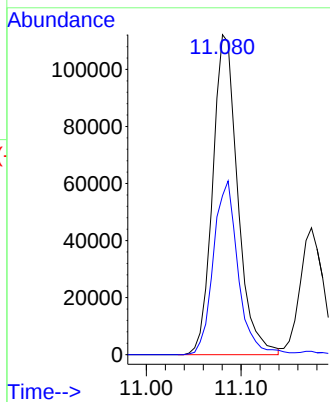
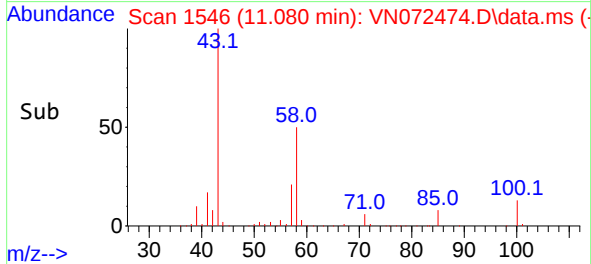
Instrument :
MSVOA_N
ClientSampleId :
VN0513MBS01



Tgt Ion: 43 Resp: 206274
Ion Ratio Lower Upper
43 100
58 53.6 29.7 89.1

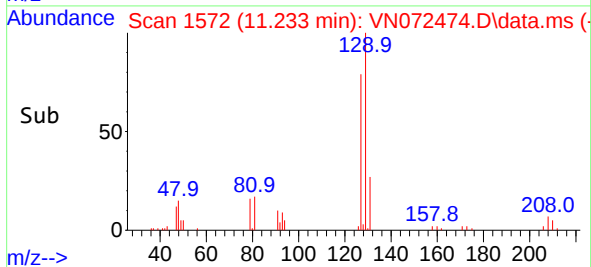
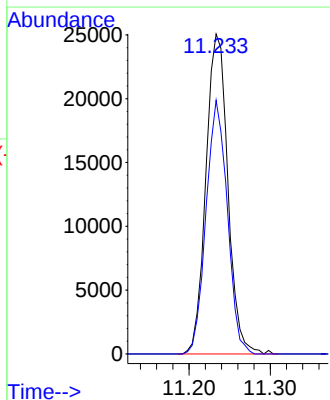
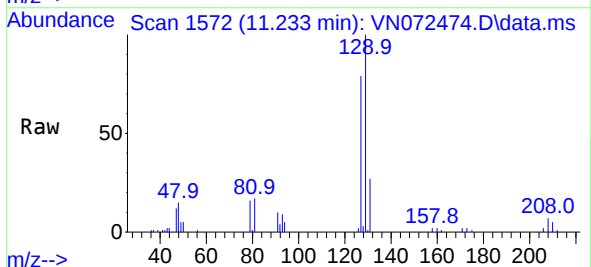
Manual Integrations
APPROVED

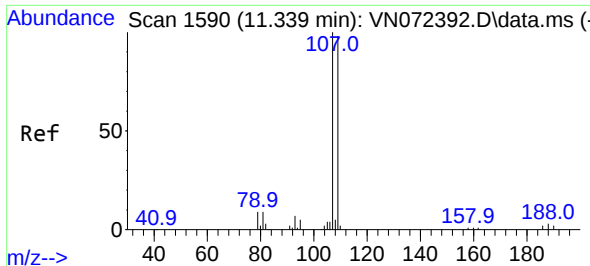
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#60
Dibromochloromethane
Concen: 21.445 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.001 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

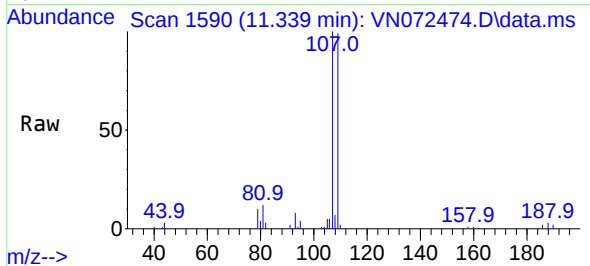
Tgt Ion:129 Resp: 47034
Ion Ratio Lower Upper
129 100
127 76.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.277 ug/l
RT: 11.339 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

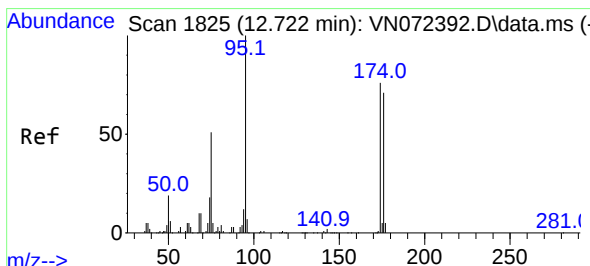
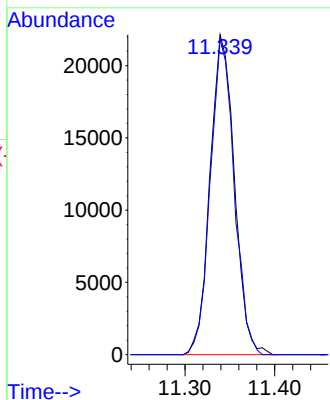
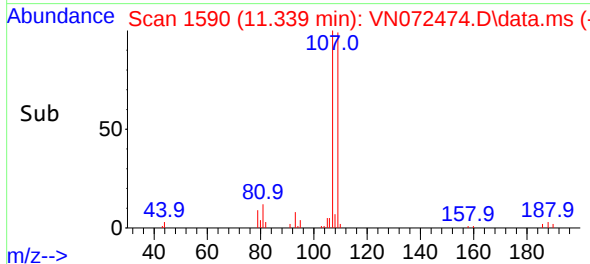
Instrument :
MSVOA_N
ClientSampleId :
VN0513MBSD01



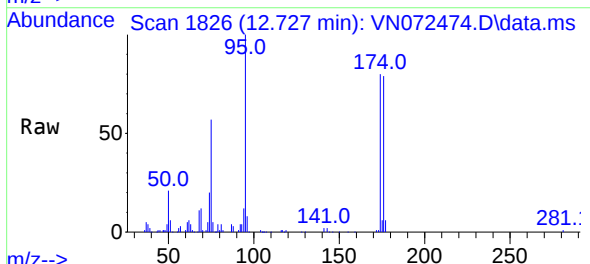
Tgt Ion:107 Resp: 4172
Ion Ratio Lower Upper
107 100
109 96.4 75.0 112.6

Manual Integrations
APPROVED

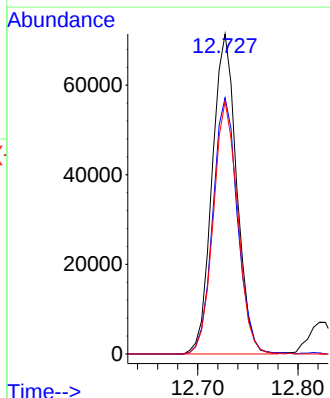
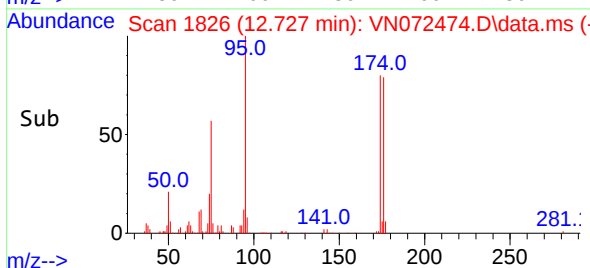
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

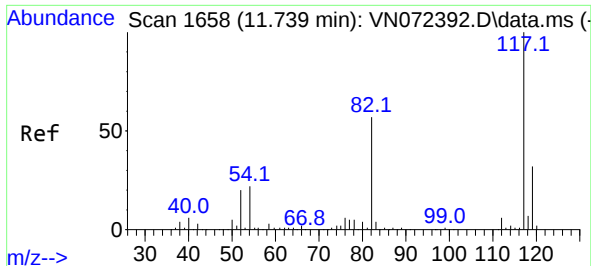


#62
4-Bromofluorobenzene
Concen: 51.120 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00



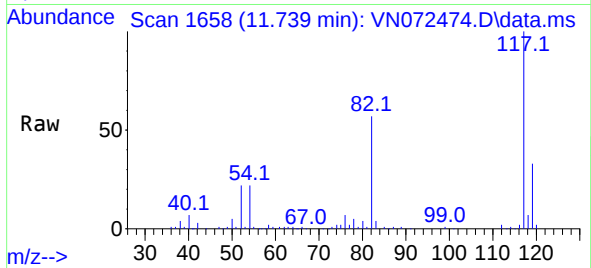
Tgt Ion: 95 Resp: 121122
Ion Ratio Lower Upper
95 100
174 80.7 0.0 167.6
176 78.3 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

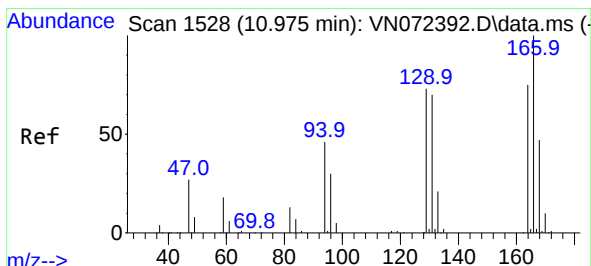
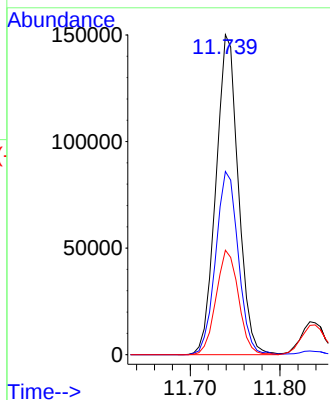
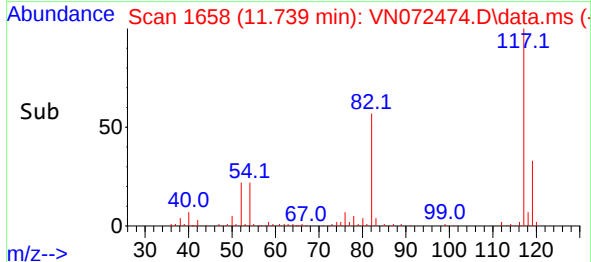
Instrument :
MSVOA_N
ClientSampleId :
VN0513MBS01



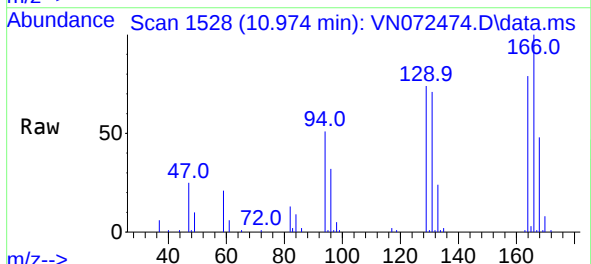
Tgt Ion:117 Resp: 259429
Ion Ratio Lower Upper
117 100
82 57.3 44.2 66.2
119 32.7 25.4 38.0

Manual Integrations
APPROVED

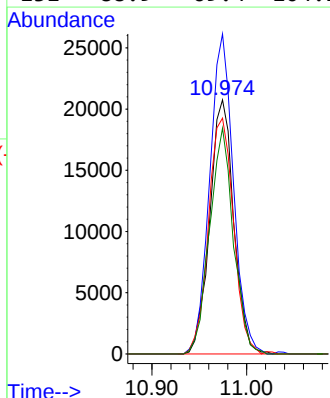
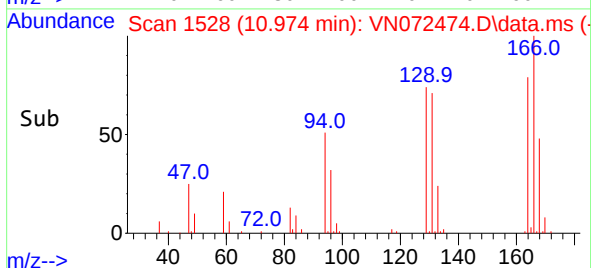
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

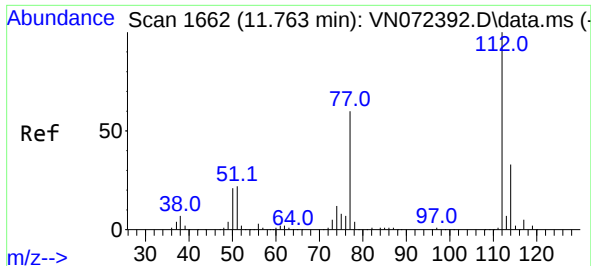


#64
Tetrachloroethene
Concen: 19.523 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.001 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00



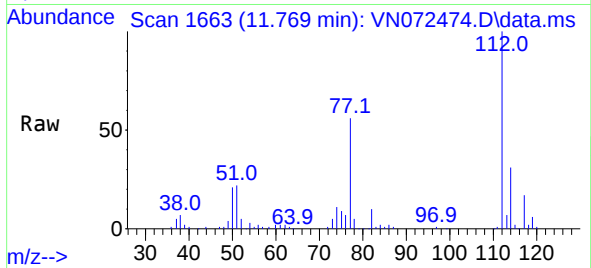
Tgt Ion:164 Resp: 36457
Ion Ratio Lower Upper
164 100
166 125.9 104.2 156.2
129 92.8 73.9 110.9
131 88.9 69.4 104.2





#65
Chlorobenzene
Concen: 19.900 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.005 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

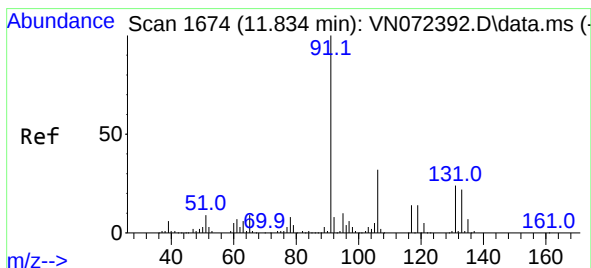
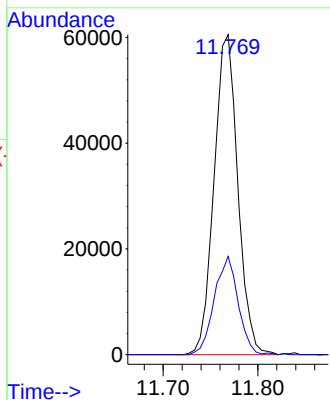
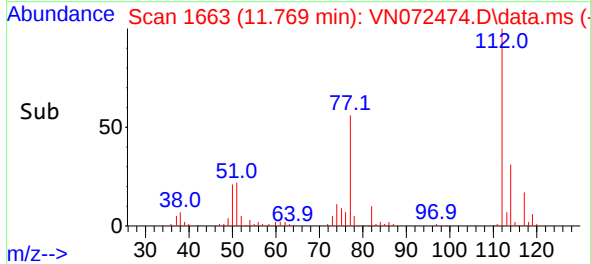
Instrument :
MSVOA_N
ClientSampleId :
VN0513MBS01



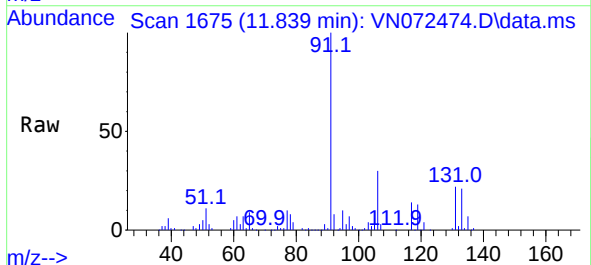
Tgt Ion:112 Resp: 105478
Ion Ratio Lower Upper
112 100
114 30.7 25.4 38.2

Manual Integrations
APPROVED

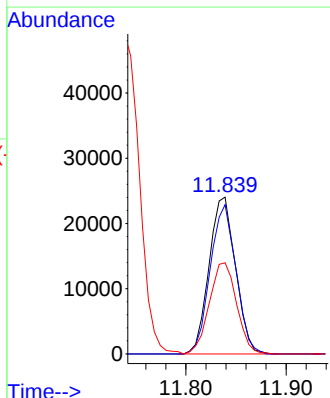
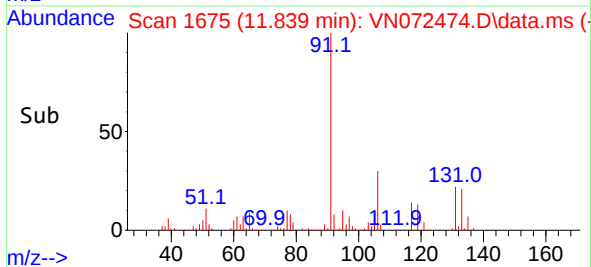
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

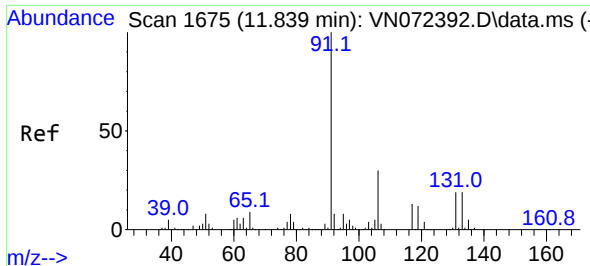


#66
1,1,1,2-Tetrachloroethane
Concen: 20.761 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.005 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00



Tgt Ion:131 Resp: 44045
Ion Ratio Lower Upper
131 100
133 92.8 47.8 143.4
119 59.9 33.4 100.2





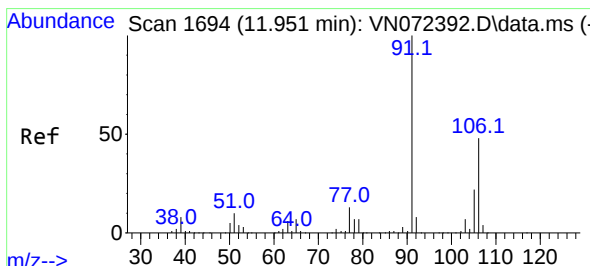
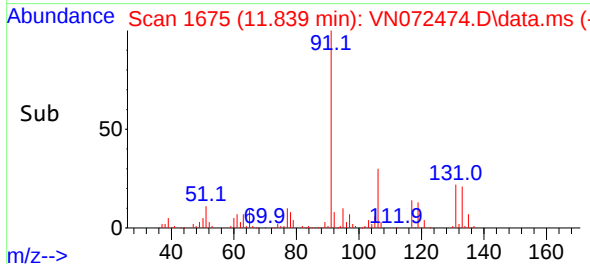
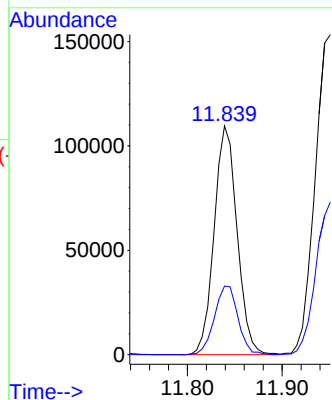
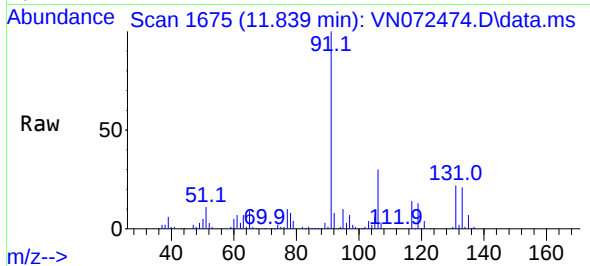
#67
Ethyl Benzene
Concen: 20.149 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0513MBSD01

Tgt Ion: 91 Resp: 184264
Ion Ratio Lower Upper
91 100
106 30.0 24.9 37.3

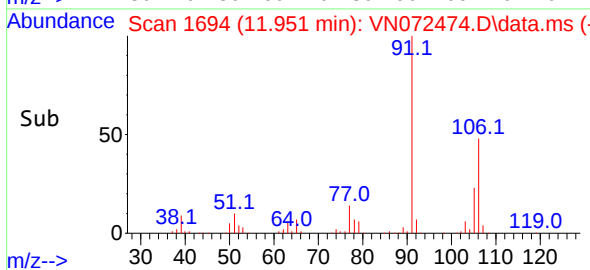
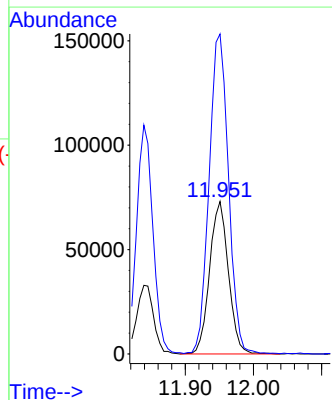
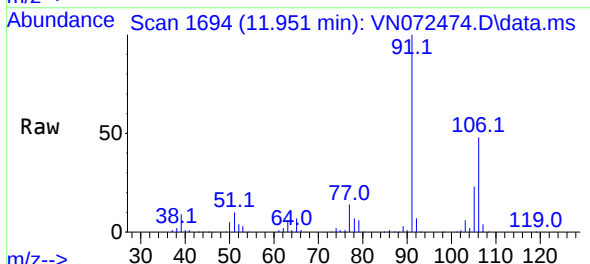
Manual Integrations
APPROVED

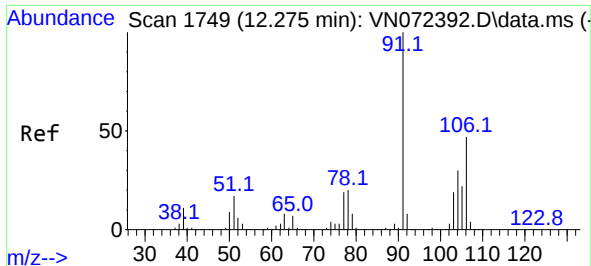
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#68
m/p-Xylenes
Concen: 40.455 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

Tgt Ion:106 Resp: 140317
Ion Ratio Lower Upper
106 100
91 215.5 158.9 238.3





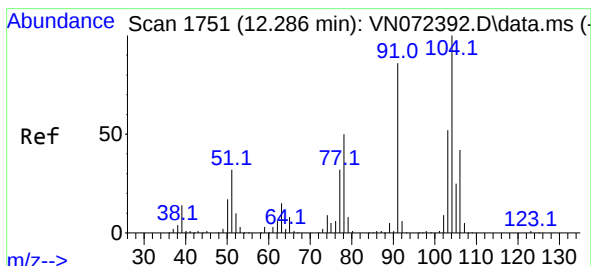
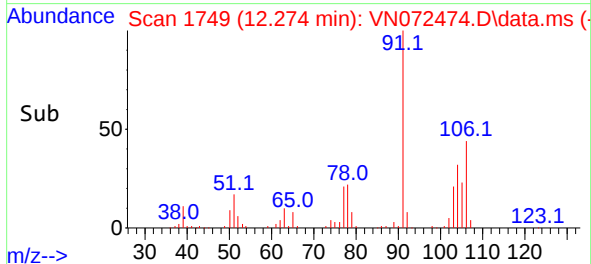
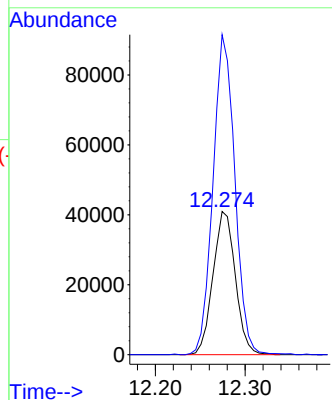
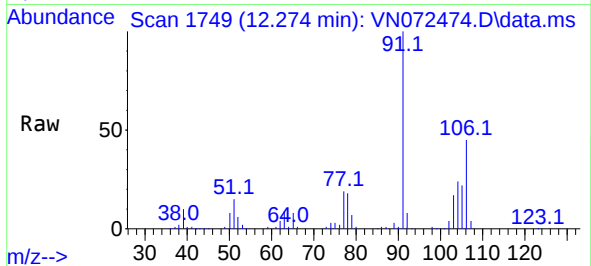
#69
o-Xylene
Concen: 20.791 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0513MBS01

Tgt Ion:106 Resp: 70854
Ion Ratio Lower Upper
106 100
91 218.3 106.0 318.0

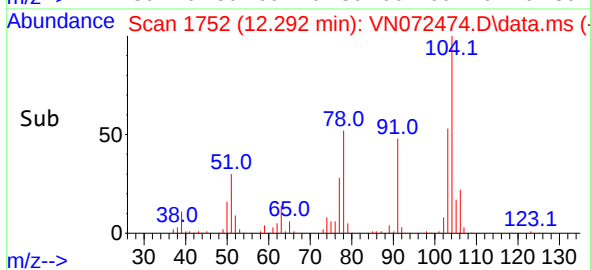
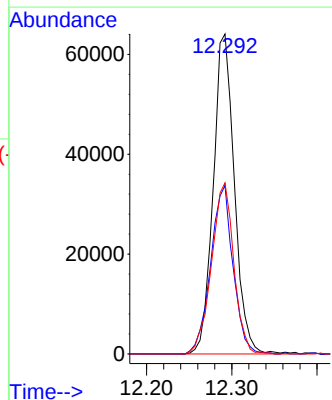
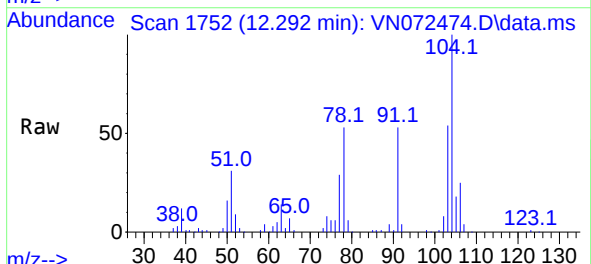
Manual Integrations
APPROVED

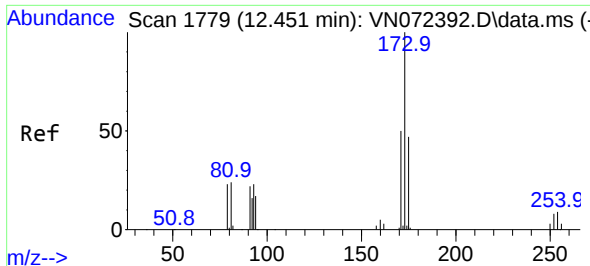
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#70
Styrene
Concen: 21.206 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

Tgt Ion:104 Resp: 110559
Ion Ratio Lower Upper
104 100
78 55.7 39.5 59.3
103 56.4 44.0 66.0





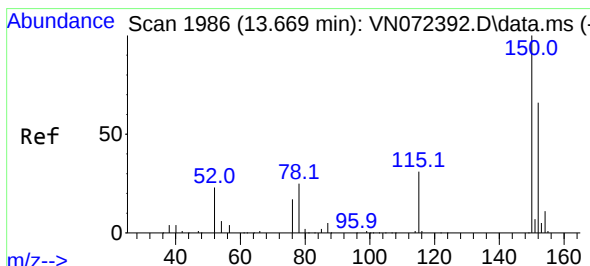
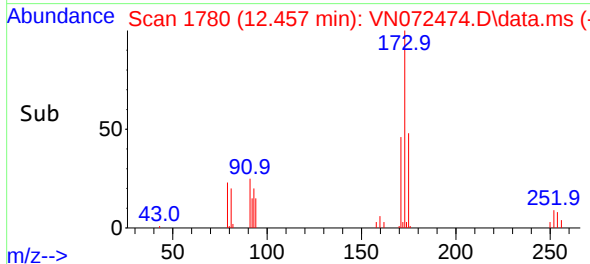
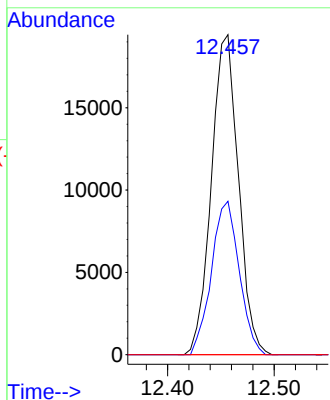
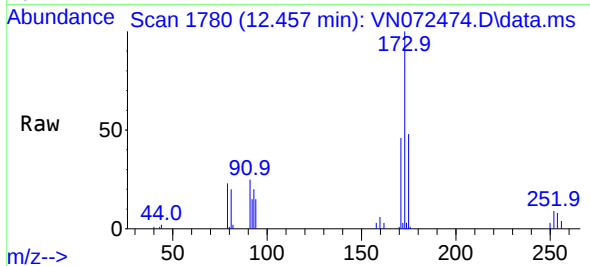
#71
Bromoform
Concen: 21.900 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0513MBS01

Tgt Ion:173 Resp: 34272
Ion Ratio Lower Upper
173 100
175 49.3 24.6 73.6
254 0.0 0.1 0.1

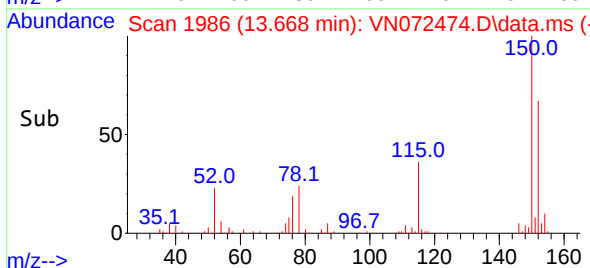
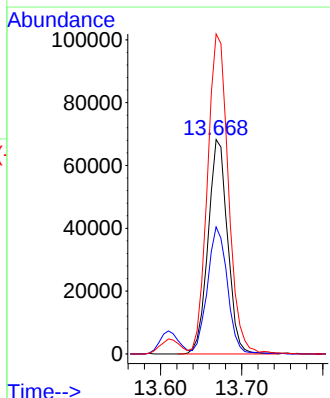
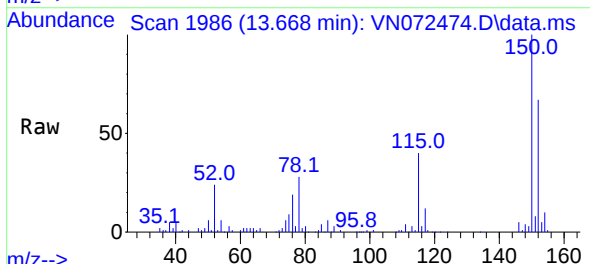
Manual Integrations
APPROVED

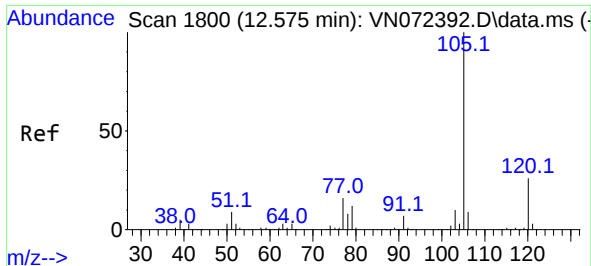
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

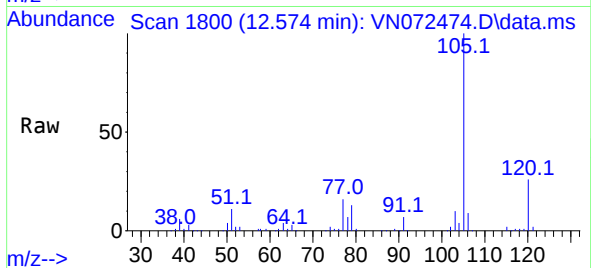
Tgt Ion:152 Resp: 113895
Ion Ratio Lower Upper
152 100
115 60.6 28.9 86.7
150 160.3 0.0 356.2





#73
Isopropylbenzene
Concen: 19.532 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

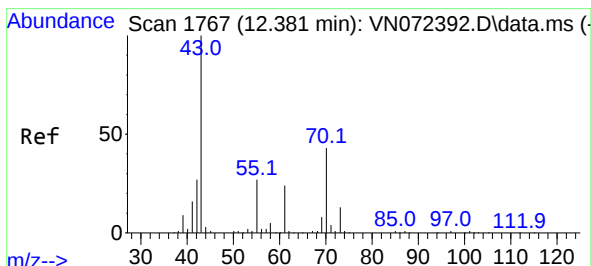
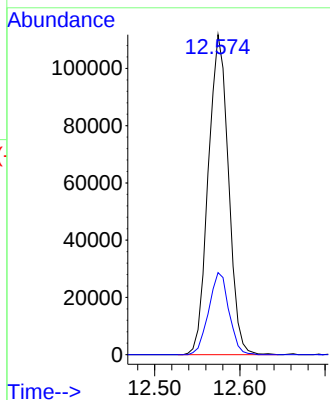
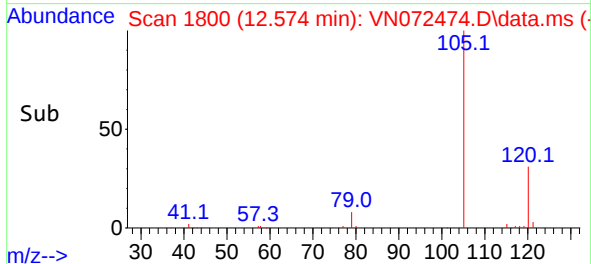
Instrument :
MSVOA_N
ClientSampleId :
VN0513MBS01



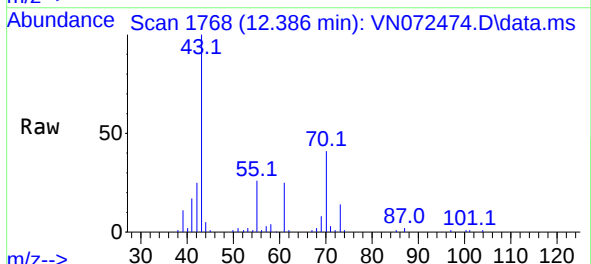
Tgt Ion:105 Resp: 184294
Ion Ratio Lower Upper
105 100
120 25.6 13.5 40.4

Manual Integrations
APPROVED

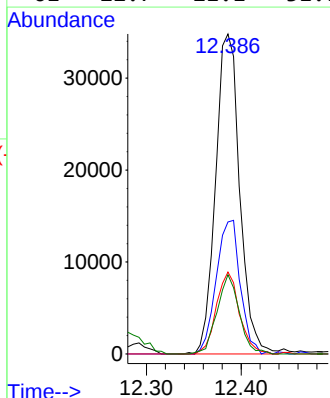
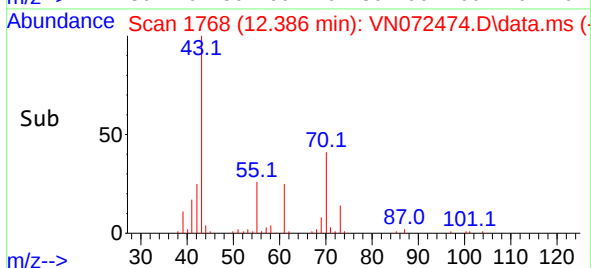
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

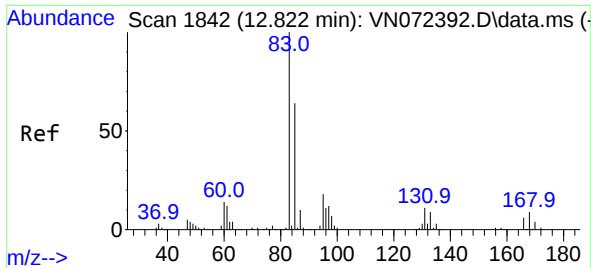


#74
N-ethyl acetate
Concen: 18.494 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.005 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00



Tgt Ion: 43 Resp: 61679
Ion Ratio Lower Upper
43 100
70 41.6 39.0 58.4
55 24.6 21.1 31.7
61 22.7 21.1 31.7





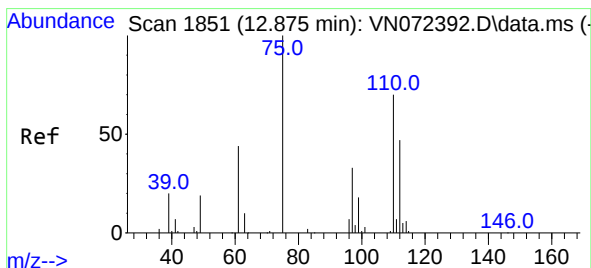
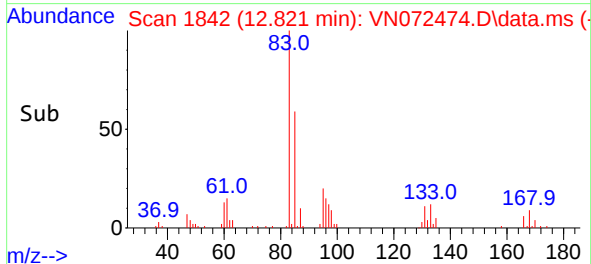
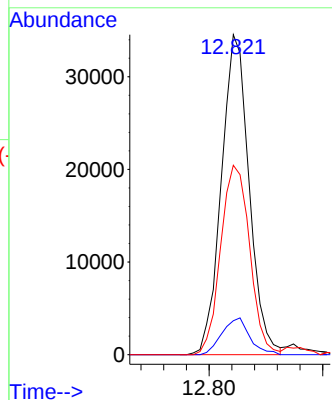
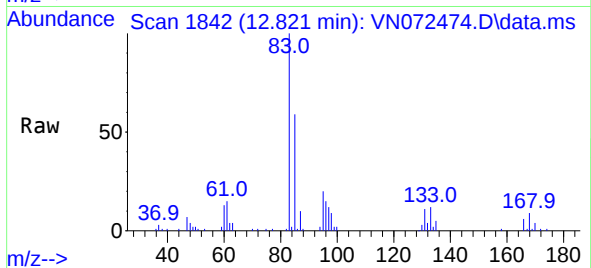
#75
1,1,2,2-Tetrachloroethane
Concen: 17.107 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0513MBS01

Tgt Ion: 83 Resp: 58600
Ion Ratio Lower Upper
83 100
131 11.5 5.3 15.9
85 61.9 32.3 96.9

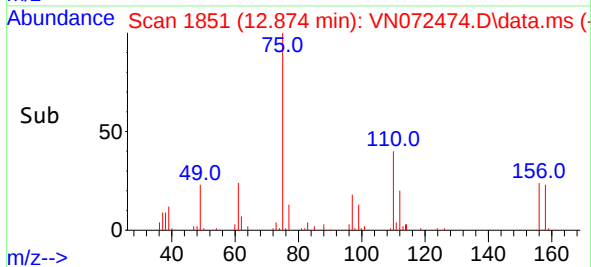
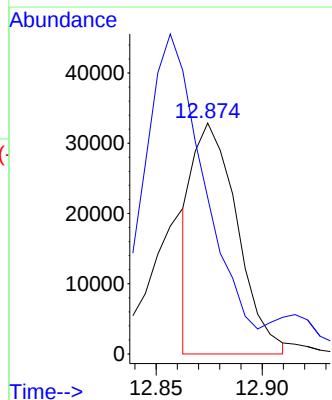
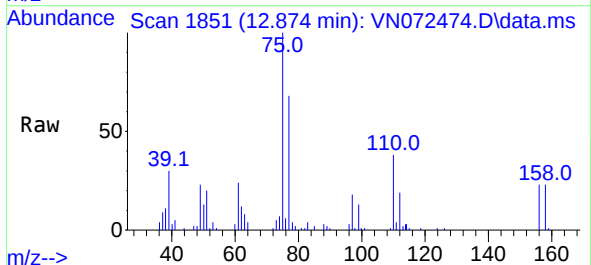
Manual Integrations
APPROVED

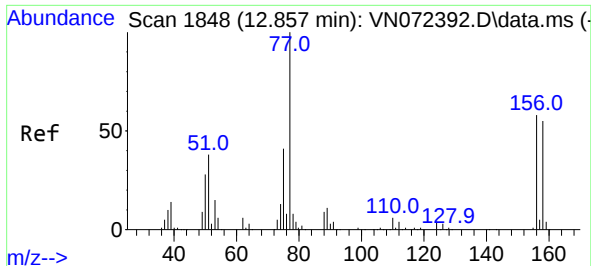
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#76
1,2,3-Trichloropropane
Concen: 16.126 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.001 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

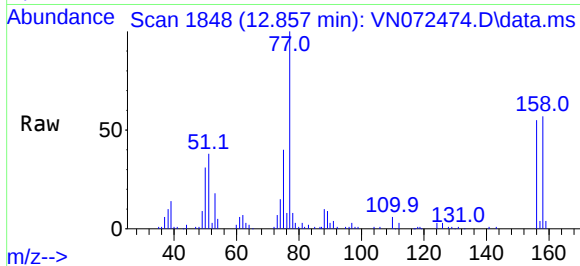
Tgt Ion: 75 Resp: 47903
Ion Ratio Lower Upper
75 100
77 192.8 98.5 295.5





#77
Bromobenzene
Concen: 19.163 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

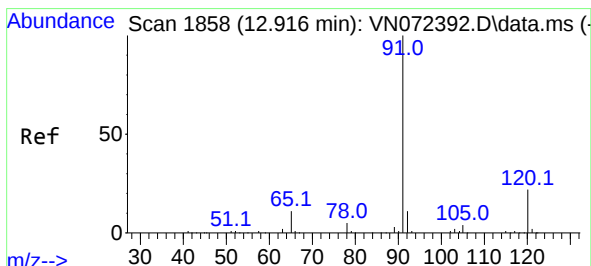
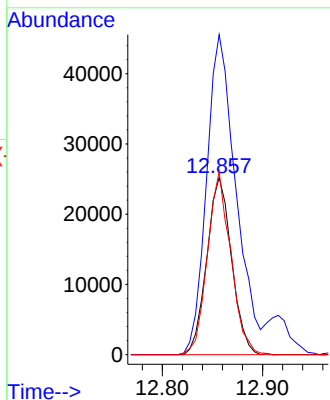
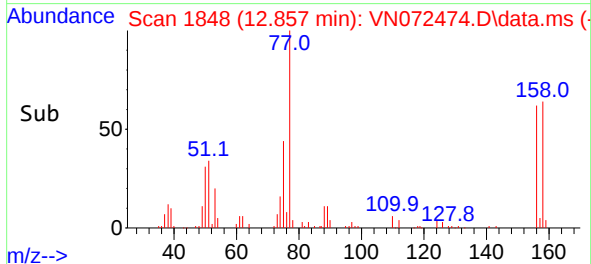
Instrument :
MSVOA_N
ClientSampleId :
VN0513MBS01



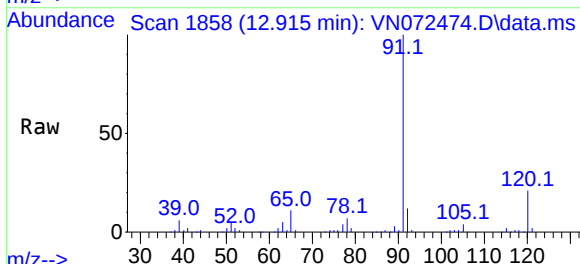
Tgt Ion:156 Resp: 43258
Ion Ratio Lower Upper
156 100
77 213.5 100.5 301.5
158 97.9 48.9 146.6

Manual Integrations
APPROVED

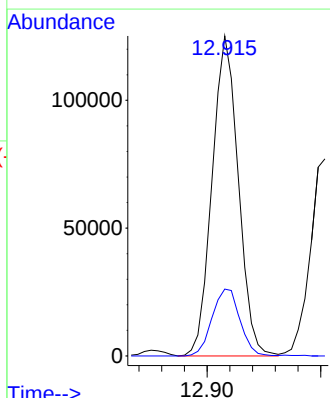
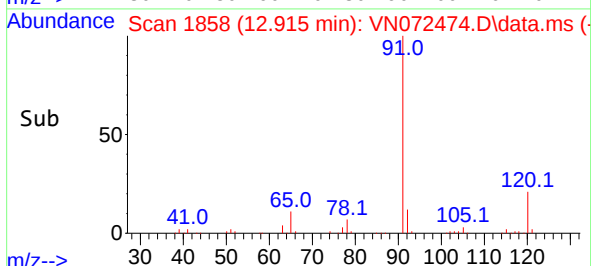
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

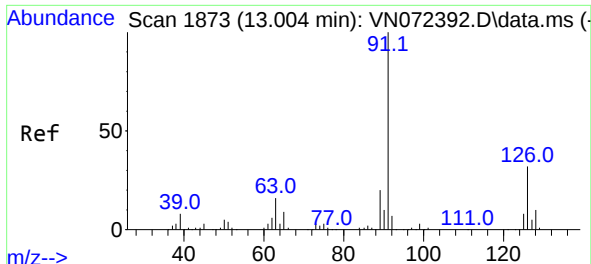


#78
n-propylbenzene
Concen: 19.879 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00



Tgt Ion: 91 Resp: 200707
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.5





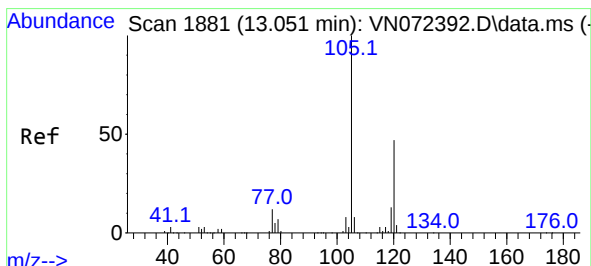
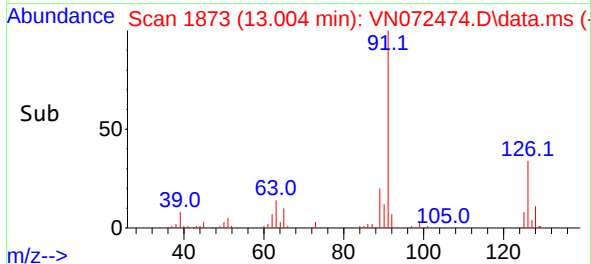
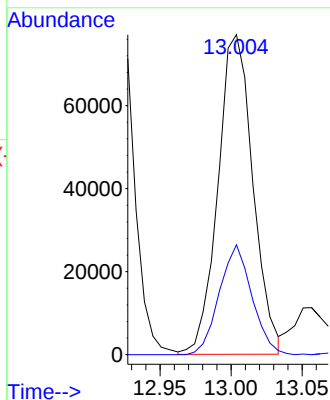
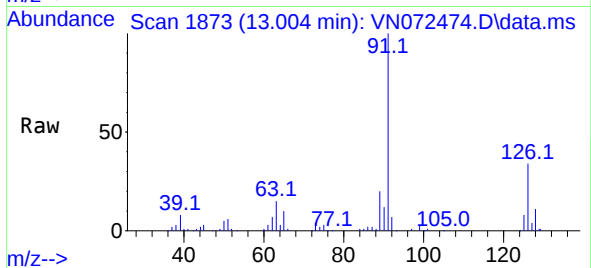
#79
2-Chlorotoluene
Concen: 19.896 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0513MBS01

Tgt Ion: 91 Resp: 13196
Ion Ratio Lower Upper
91 100
126 32.0 17.3 51.9

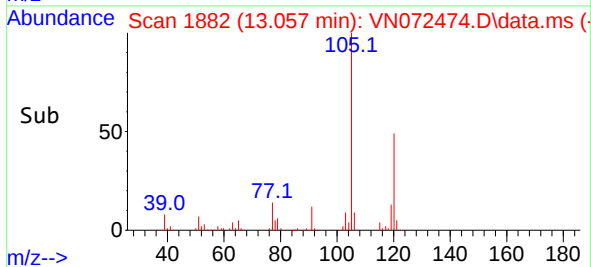
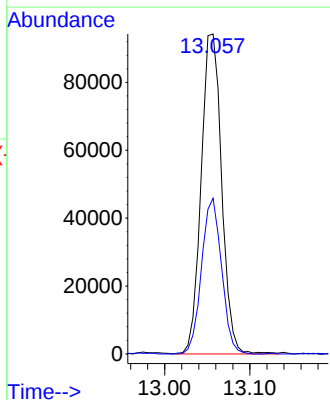
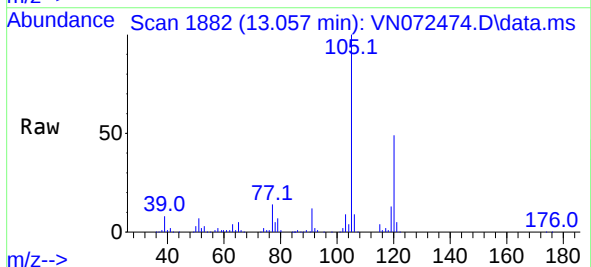
Manual Integrations
APPROVED

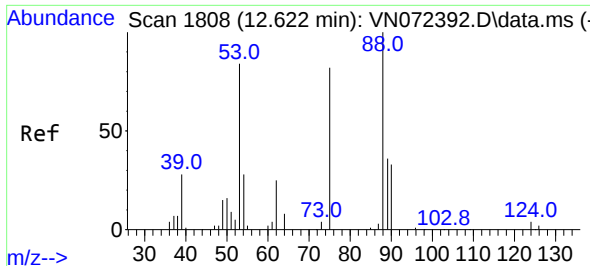
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.404 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

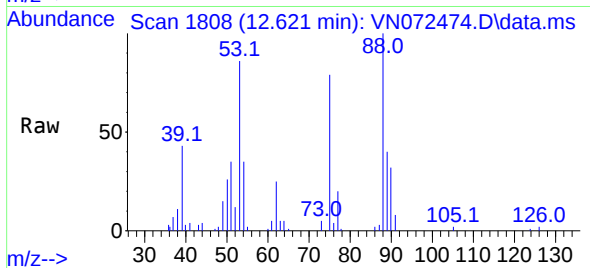
Tgt Ion:105 Resp: 157676
Ion Ratio Lower Upper
105 100
120 47.5 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 18.147 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

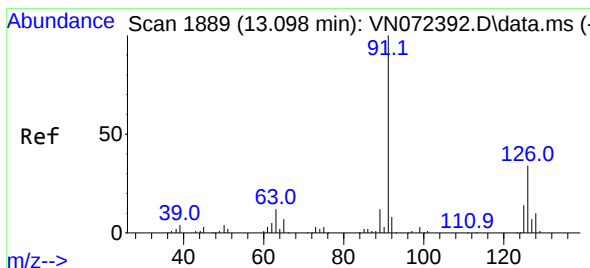
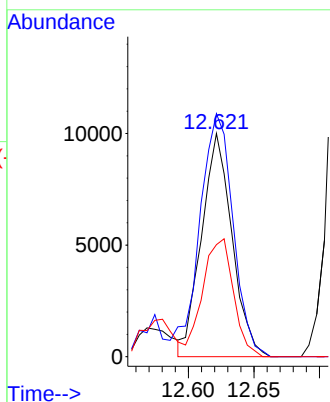
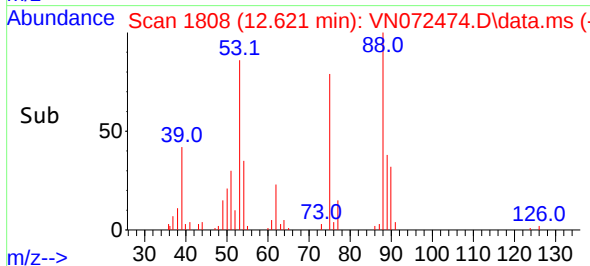
Instrument :
MSVOA_N
ClientSampleId :
VN0513MBS01



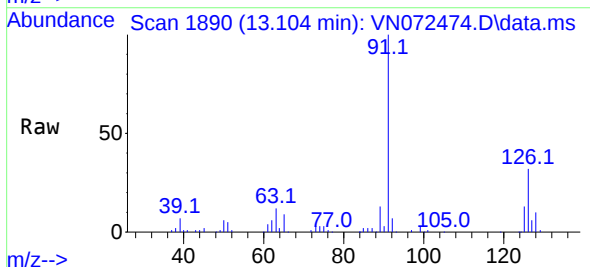
Tgt Ion: 75 Resp: 16159
Ion Ratio Lower Upper
75 100
53 119.5 78.0 117.0
89 52.8 37.2 55.8

Manual Integrations
APPROVED

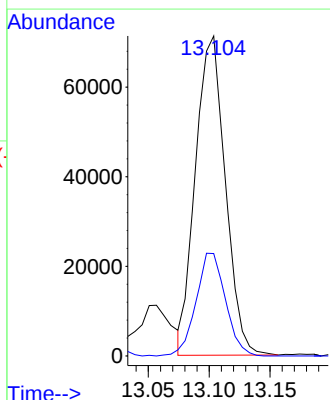
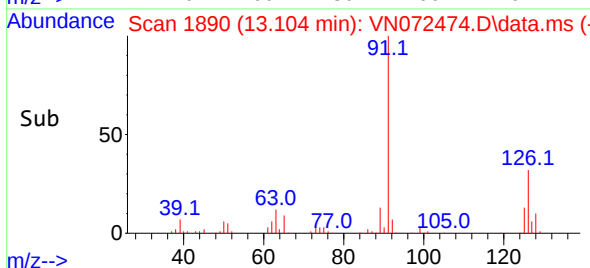
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

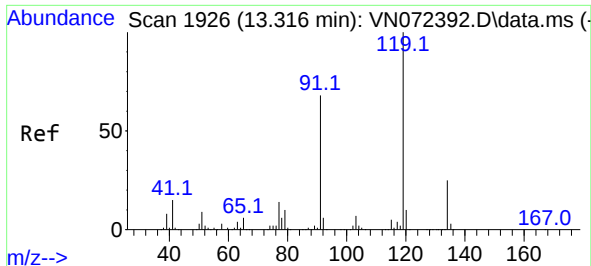


#82
4-Chlorotoluene
Concen: 19.368 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00



Tgt Ion: 91 Resp: 121742
Ion Ratio Lower Upper
91 100
126 31.8 17.2 51.6





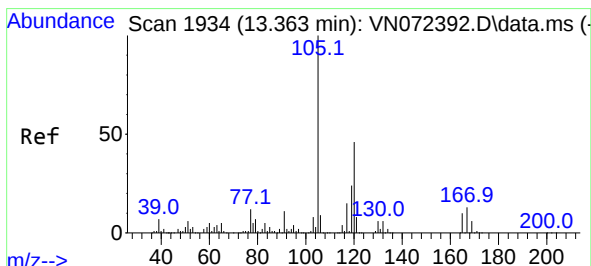
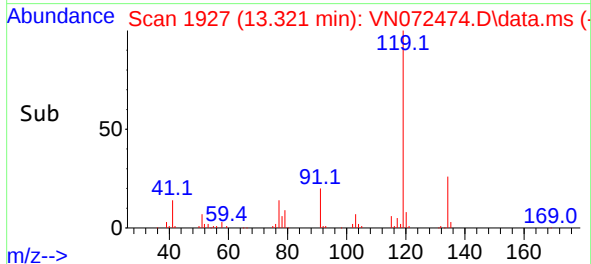
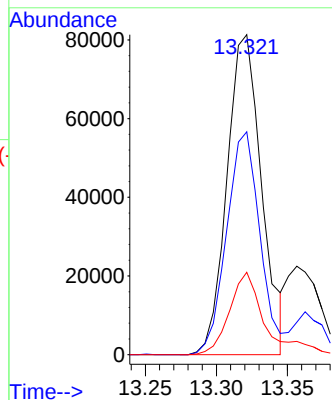
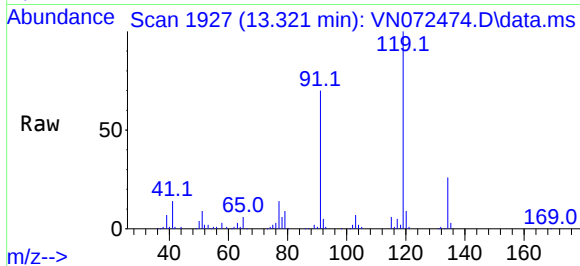
#83
tert-Butylbenzene
Concen: 20.428 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.005 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0513MBS01

Tgt Ion:119 Resp: 13819
Ion Ratio Lower Upper
119 100
91 66.8 31.6 94.8
134 26.5 13.7 41.1

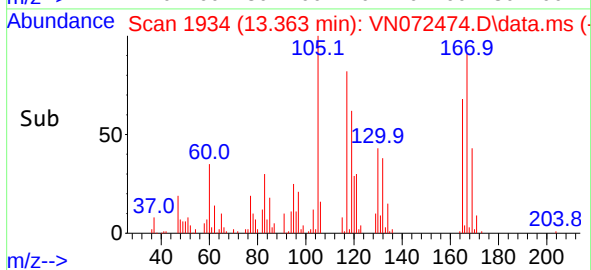
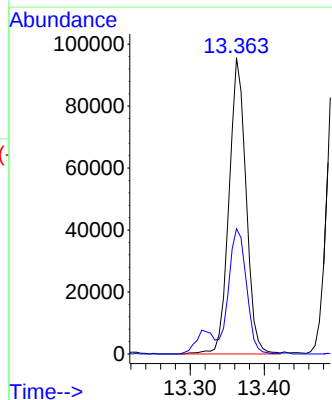
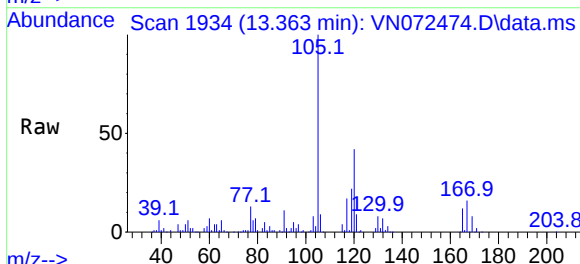
Manual Integrations
APPROVED

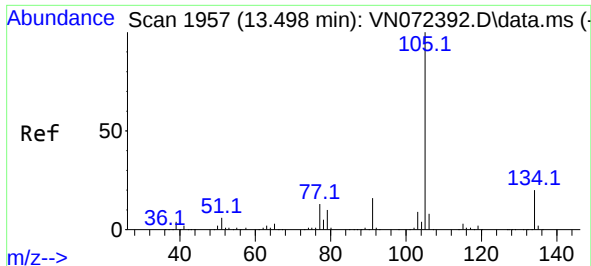
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.273 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

Tgt Ion:105 Resp: 152397
Ion Ratio Lower Upper
105 100
120 43.9 23.3 69.8





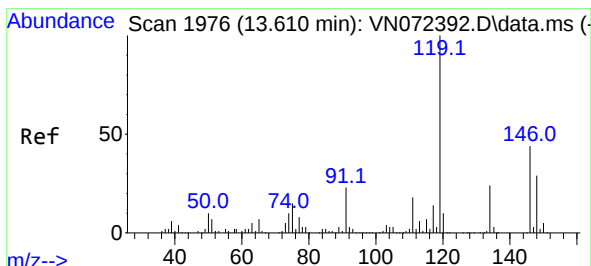
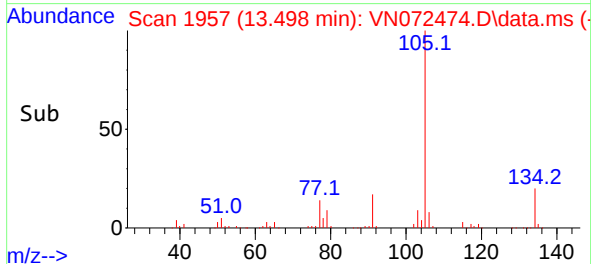
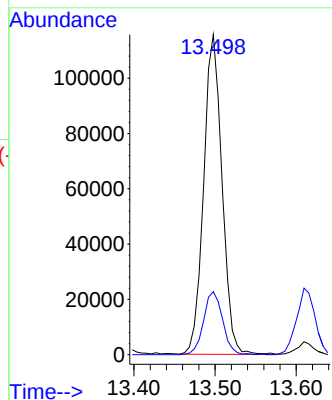
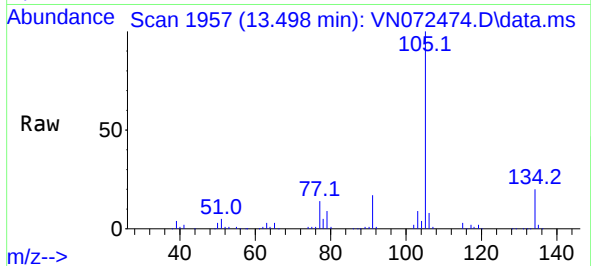
#85
 sec-Butylbenzene
 Concen: 20.120 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072474.D
 Acq: 13 May 2022 14:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513MBSD01

Tgt Ion:105 Resp: 18152
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1

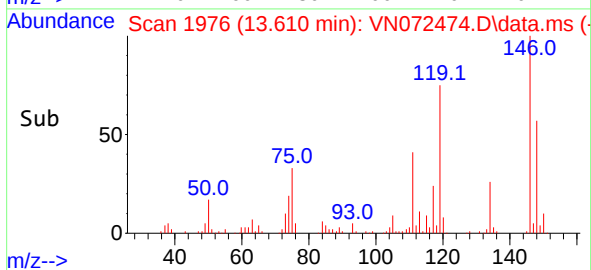
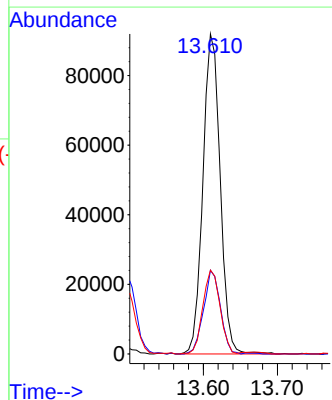
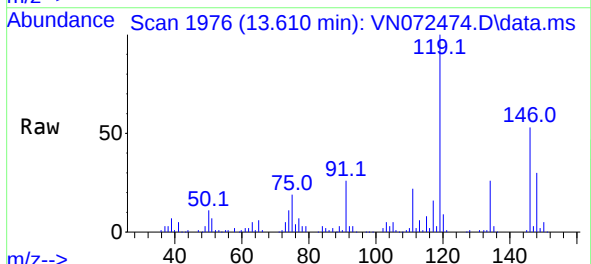
Manual Integrations
 APPROVED

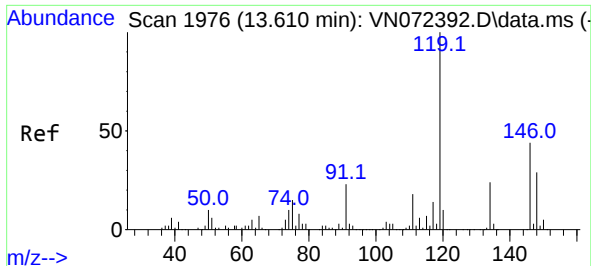
Reviewed By :John Carlone 05/16/2022
 Supervised By :Mahesh Dadoda 05/16/2022



#86
 p-Isopropyltoluene
 Concen: 21.204 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072474.D
 Acq: 13 May 2022 14:00

Tgt Ion:119 Resp: 149019
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.3 39.8
 91 26.1 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 19.935 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN072474.D

Acq: 13 May 2022 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN0513MBS01

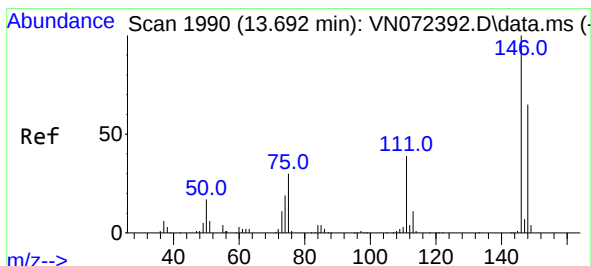
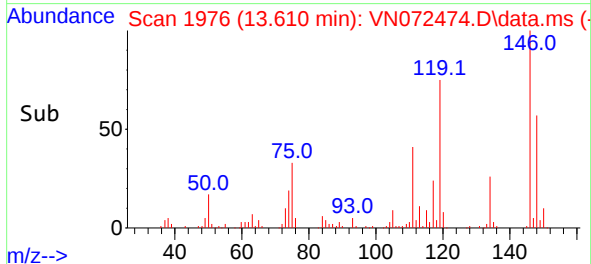
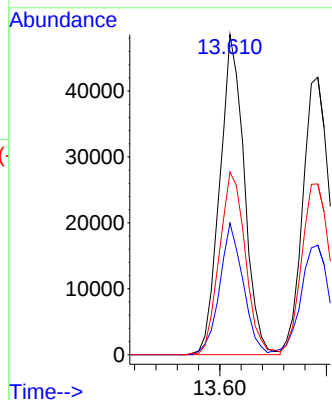
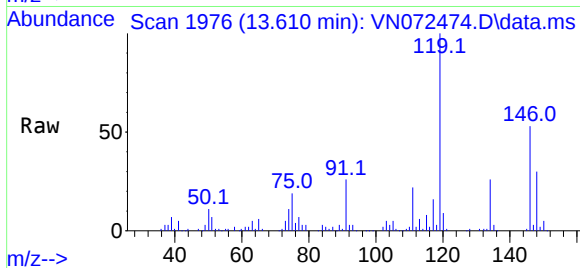
Tgt Ion:146 Resp: 77609
 Ion Ratio Lower Upper
 146 100
 111 39.3 20.0 60.0
 148 60.6 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#88

1,4-Dichlorobenzene

Concen: 19.104 ug/l

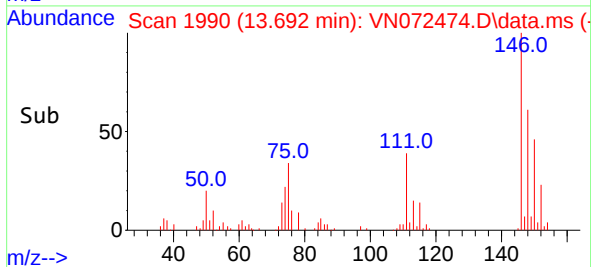
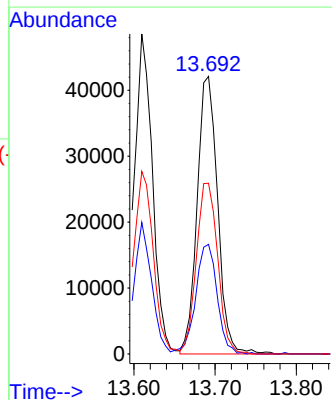
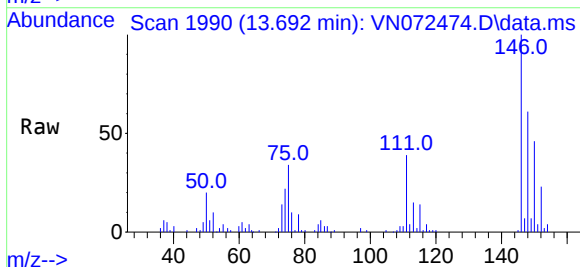
RT: 13.692 min Scan# 1990

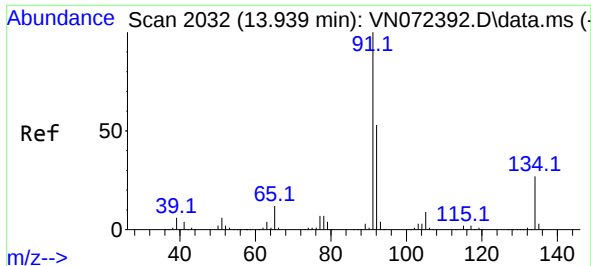
Delta R.T. -0.000 min

Lab File: VN072474.D

Acq: 13 May 2022 14:00

Tgt Ion:146 Resp: 73991
 Ion Ratio Lower Upper
 146 100
 111 41.5 19.1 57.1
 148 64.0 31.4 94.3





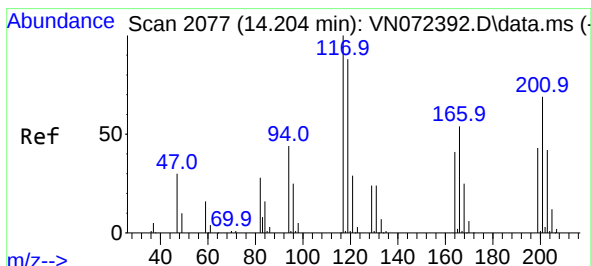
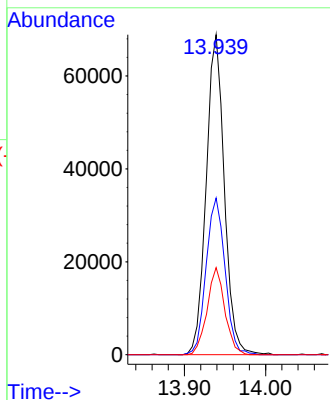
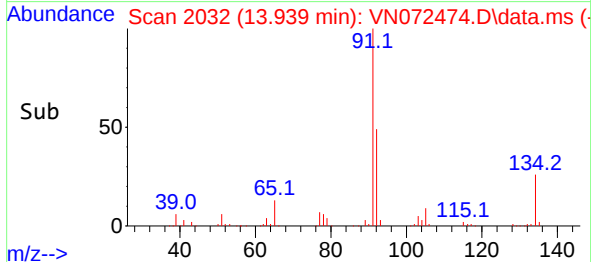
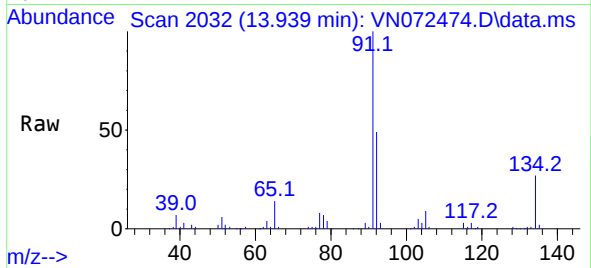
#89
n-Butylbenzene
Concen: 19.891 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0513MBSD01

Tgt Ion: 91 Resp: 10685
Ion Ratio Lower Upper
91 100
92 50.9 26.9 80.7
134 26.6 13.6 40.8

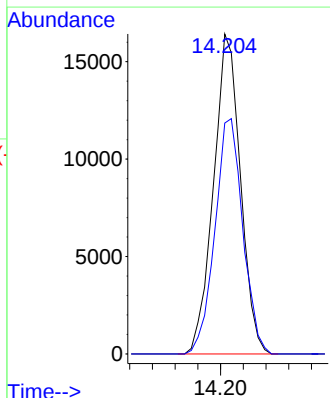
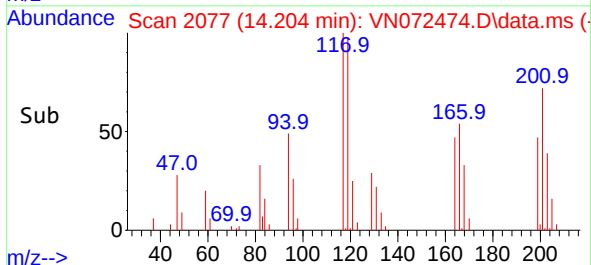
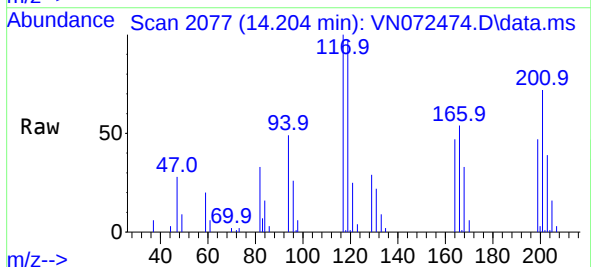
Manual Integrations
APPROVED

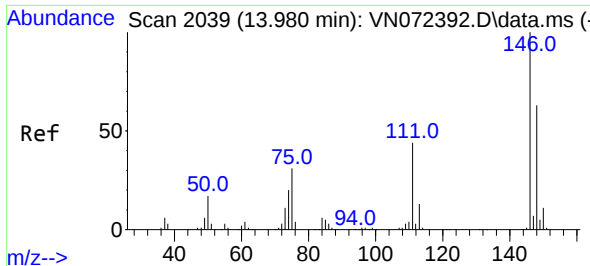
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#90
Hexachloroethane
Concen: 19.257 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

Tgt Ion:117 Resp: 27044
Ion Ratio Lower Upper
117 100
201 76.2 40.6 122.0





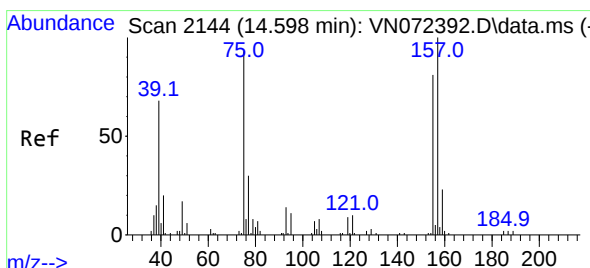
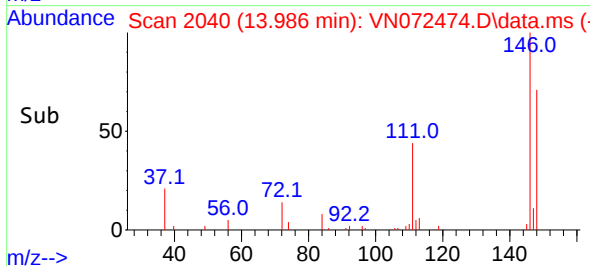
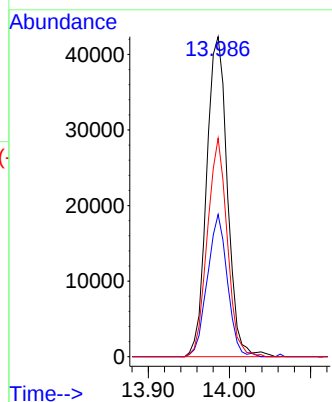
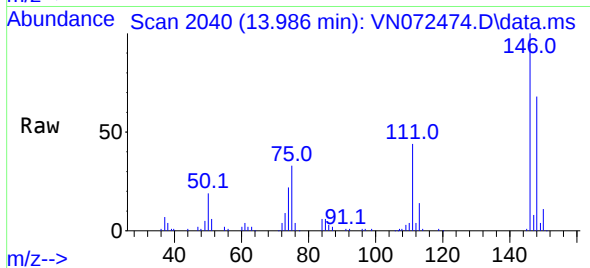
#91
 1,2-Dichlorobenzene
 Concen: 19.339 ug/l
 RT: 13.986 min Scan# 2039
 Delta R.T. 0.006 min
 Lab File: VN072474.D
 Acq: 13 May 2022 14:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513MBSD01

Tgt Ion:146 Resp: 7519
 Ion Ratio Lower Upper
 146 100
 111 42.9 20.9 62.8
 148 65.3 32.1 96.3

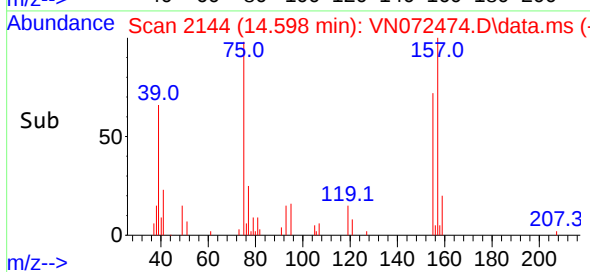
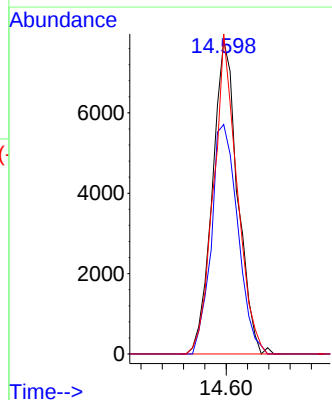
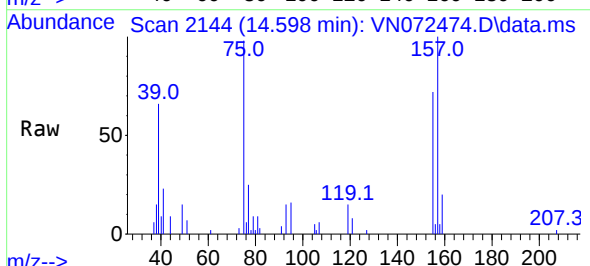
Manual Integrations
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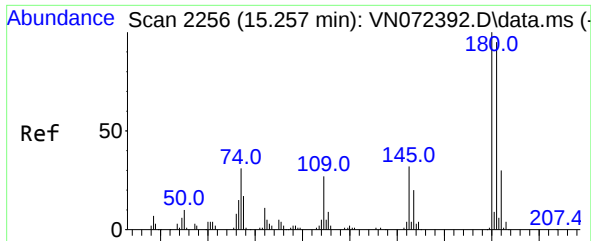
Reviewed By :John Carlone 05/16/2022
 Supervised By :Mahesh Dadoda 05/16/2022



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.511 ug/l
 RT: 14.598 min Scan# 2144
 Delta R.T. -0.000 min
 Lab File: VN072474.D
 Acq: 13 May 2022 14:00

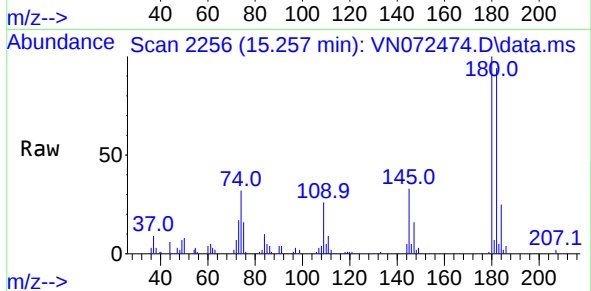
Tgt Ion: 75 Resp: 12813
 Ion Ratio Lower Upper
 75 100
 155 77.0 44.9 134.5
 157 94.8 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 21.012 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

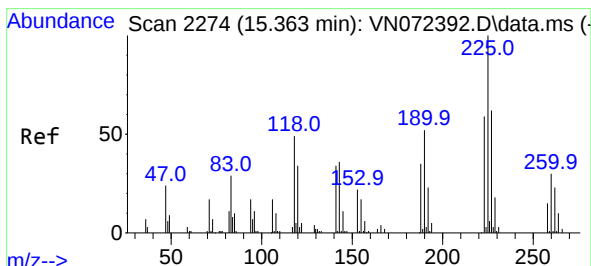
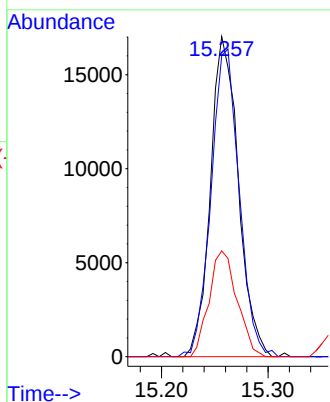
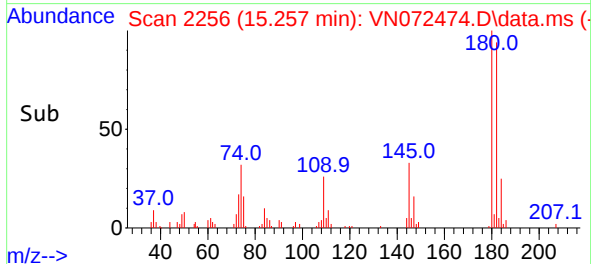
Instrument :
MSVOA_N
ClientSampleId :
VN0513MBS01



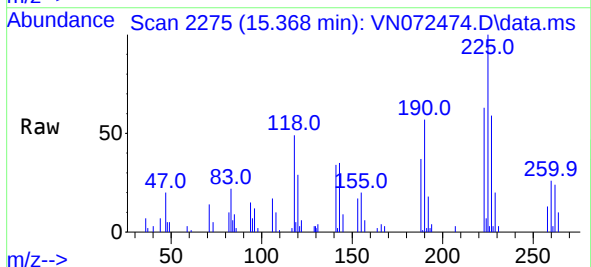
Tgt Ion:180 Resp: 3094
Ion Ratio Lower Upper
180 100
182 96.9 47.5 142.5
145 33.3 14.5 43.5

Manual Integrations
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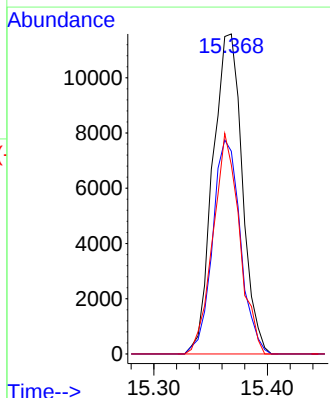
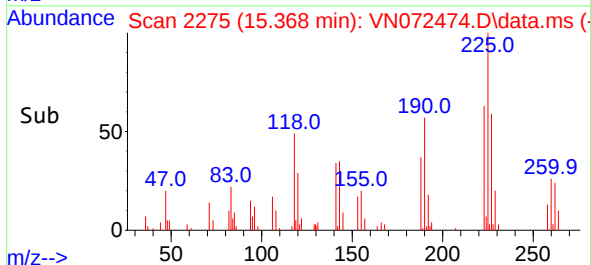
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

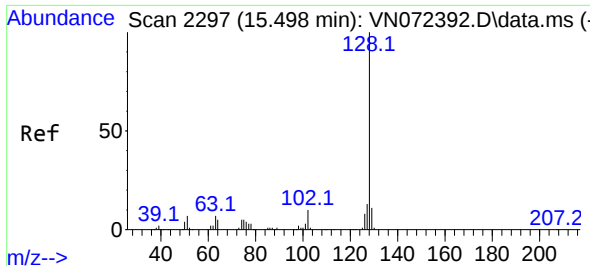


#94
Hexachlorobutadiene
Concen: 21.365 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.005 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00



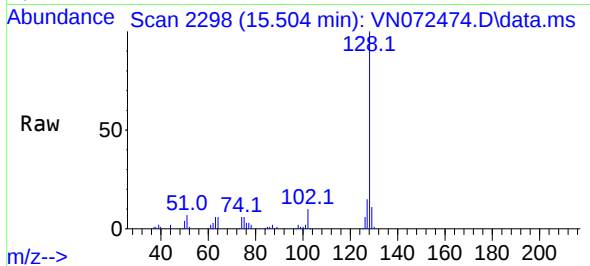
Tgt Ion:225 Resp: 20835
Ion Ratio Lower Upper
225 100
223 63.3 32.4 97.2
227 62.1 31.8 95.4





#95
Naphthalene
Concen: 18.082 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

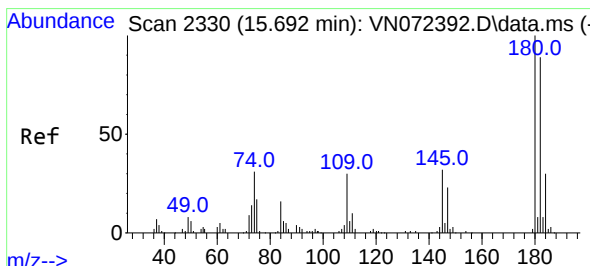
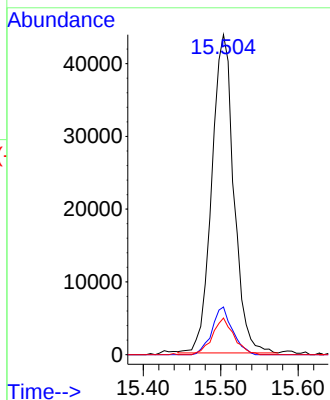
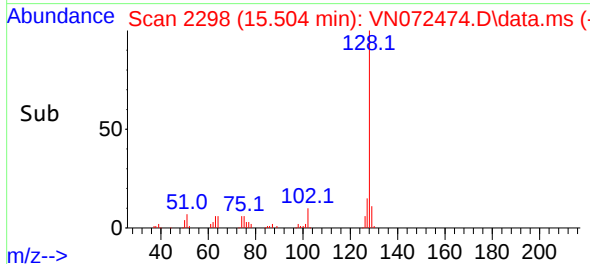
Instrument :
MSVOA_N
ClientSampleId :
VN0513MBSD01



Tgt Ion:128 Resp: 86644
Ion Ratio Lower Upper
128 100
127 13.9 10.3 15.5
129 11.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 21.813 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN072474.D
Acq: 13 May 2022 14:00

Tgt Ion:180 Resp: 32197
Ion Ratio Lower Upper
180 100
182 92.5 47.8 143.3
145 34.5 15.5 46.5

