

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
 Data File : VN072614.D
 Acq On : 25 May 2022 02:34
 Operator : JC\MD
 Sample : VN0524WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBSD02

Quant Time: May 25 09:26:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 25 09:15:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.822	168	332	50.000	ug/l	#-0.26
34) 1,4-Difluorobenzene	8.710	114	267756	50.000	ug/l	-0.25
63) Chlorobenzene-d5	0.000	117	0	0.000	ug/l	-11.74
72) 1,4-Dichlorobenzene-d4	13.663	152	58170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.098	65	101895	26980.983	ug/l	-0.33
Spiked Amount	50.000	Range	61 - 141	Recovery	= 53961.960%#	
35) Dibromofluoromethane	7.622	113	80890	46.612	ug/l	-0.39
Spiked Amount	50.000	Range	69 - 133	Recovery	= 93.220%	
50) Toluene-d8	10.316	98	275167	41.526	ug/l	-0.12
Spiked Amount	50.000	Range	65 - 126	Recovery	= 83.060%	
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	= 0.000%#	
Target Compounds						Qvalue
3) Chloromethane	2.358	50	259	72.950	ug/l #	43
7) Trichlorofluoromethane	3.193	101	26703	5106.815	ug/l	95
8) Diethyl Ether	3.840	74	11216	5314.969	ug/l #	12
14) Allyl chloride	4.657	41	20490	3762.830	ug/l #	24
16) Acetone	4.375	43	4821	2597.143	ug/l #	42
18) Methyl Acetate	4.640	43	18940	3784.816	ug/l #	67
23) Vinyl Acetate	6.116	43	68	6.920	ug/l #	68
25) 2-Butanone	7.193	43	21996	7022.605	ug/l #	1
28) Bromochloromethane	7.169	49	24389	9472.931	ug/l	95
29) Tetrahydrofuran	7.198	42	97036	49790.985	ug/l	93
30) Chloroform	7.369	83	58172	8867.190	ug/l	99
31) Cyclohexane	7.687	56	54137	9049.541	ug/l	97
32) 1,1,1-Trichloroethane	7.593	97	51928	9450.694	ug/l	98
36) 1,1-Dichloropropene	7.840	75	47366	19.292	ug/l	99
37) Ethyl Acetate	7.193	43	21996	6.853	ug/l #	70
38) Carbon Tetrachloride	7.822	117	48198	18.598	ug/l	92
39) Methylcyclohexane	9.245	83	55794	18.442	ug/l	96
40) Benzene	8.116	78	155892	19.677	ug/l	97
41) Methacrylonitrile	7.198	41	56615	35.059	ug/l #	33
42) 1,2-Dichloroethane	8.204	62	48862	19.036	ug/l	99
43) Isopropyl Acetate	8.263	43	96404	21.183	ug/l #	90
44) Trichloroethene	8.981	130	38100	18.703	ug/l	98
45) 1,2-Dichloropropane	9.281	63	39679	19.300	ug/l	97
46) Dibromomethane	9.375	93	25735	18.754	ug/l	98
47) Bromodichloromethane	9.586	83	49567	18.536	ug/l	100
48) Methyl methacrylate	9.245	41	22717	10.262	ug/l #	72
49) 1,4-Dioxane	9.381	88	19106	452.210	ug/l	95
51) 4-Methyl-2-Pentanone	10.204	43	264167	84.789	ug/l	94
52) Toluene	10.386	92	71944	14.340	ug/l	99
53) t-1,3-Dichloropropene	10.616	75	33395	12.217	ug/l	94
54) cis-1,3-Dichloropropene	10.051	75	47020	15.276	ug/l	95
55) 1,1,2-Trichloroethane	10.804	97	23984	11.523	ug/l	94
56) Ethyl methacrylate	10.669	69	38051	11.868	ug/l #	81
57) 1,3-Dichloropropane	10.957	76	42137	12.011	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.898	63	122708	89.446	ug/l	95
59) 2-Hexanone	11.010	43	152604	69.092	ug/l	90

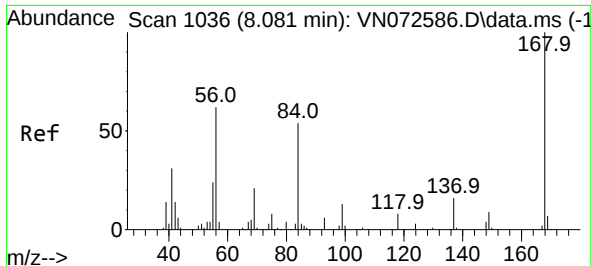
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
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 Quant Title : SW846 8260
 QLast Update : Wed May 25 09:15:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) Dibromochloromethane	11.157	129	25145	11.286	ug/l	96
61) 1,2-Dibromoethane	11.269	107	24834	11.444	ug/l	98
73) Isopropylbenzene	12.545	105	106887	20.628	ug/l	99
74) N-amyl acetate	12.357	43	45493	24.460	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.798	83	36573	19.987	ug/l	97
76) 1,2,3-Trichloropropane	12.857	75	44335	28.073	ug/l #	1
77) Bromobenzene	12.827	156	24353	18.946	ug/l	94
78) n-propylbenzene	12.892	91	116483	20.274	ug/l	97
79) 2-Chlorotoluene	12.980	91	70058	19.738	ug/l	99
80) 1,3,5-Trimethylbenzene	13.039	105	80801	20.048	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.598	75	10422	19.366	ug/l	95
82) 4-Chlorotoluene	13.080	91	64681	19.927	ug/l	96
83) tert-Butylbenzene	13.304	119	77479	20.644	ug/l	99
84) 1,2,4-Trimethylbenzene	13.345	105	79180	20.034	ug/l	100
85) sec-Butylbenzene	13.480	105	100706	20.065	ug/l	97
86) p-Isopropyltoluene	13.598	119	77465	19.575	ug/l	99
87) 1,3-Dichlorobenzene	13.598	146	39831	18.360	ug/l	96
88) 1,4-Dichlorobenzene	13.674	146	40385	18.974	ug/l	98
89) n-Butylbenzene	13.927	91	57641	18.052	ug/l	97
90) Hexachloroethane	14.198	117	16215	20.726	ug/l	94
91) 1,2-Dichlorobenzene	13.974	146	38849	18.694	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.592	75	6534	20.947	ug/l	95
93) 1,2,4-Trichlorobenzene	15.257	180	20244	18.494	ug/l	99
94) Hexachlorobutadiene	15.363	225	10844	16.788	ug/l	98
95) Naphthalene	15.498	128	72985	20.161	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	20997	17.916	ug/l	99

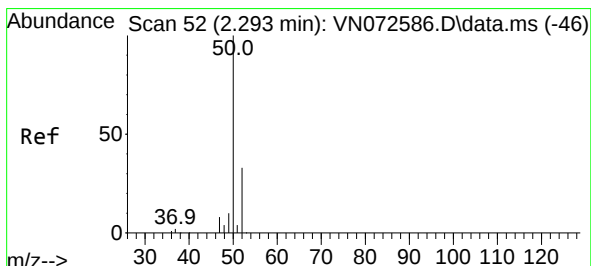
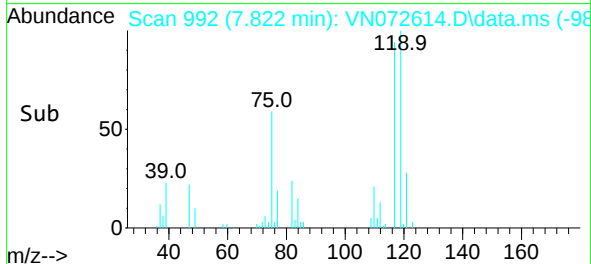
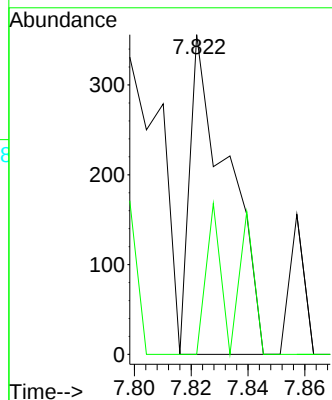
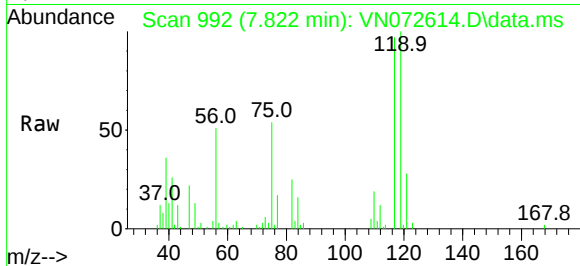
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.822 min Scan# 99
Delta R.T. -0.259 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

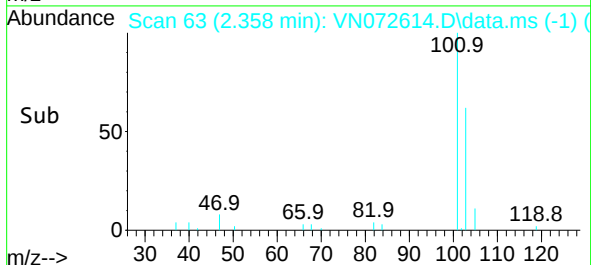
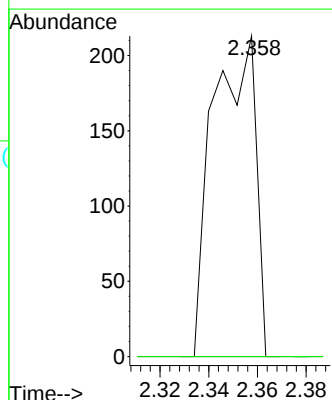
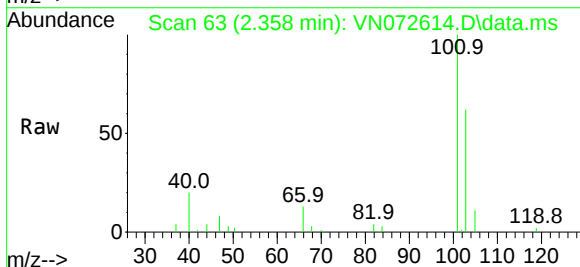
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD02

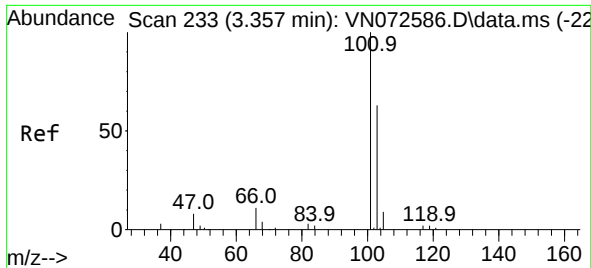
Tgt Ion:168 Resp: 332
Ion Ratio Lower Upper
168 100
99 0.0 42.3 63.5#



#3
Chloromethane
Concen: 72.950 ug/l
RT: 2.358 min Scan# 63
Delta R.T. 0.065 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

Tgt Ion: 50 Resp: 259
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

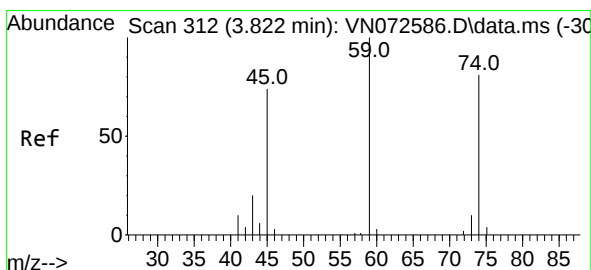
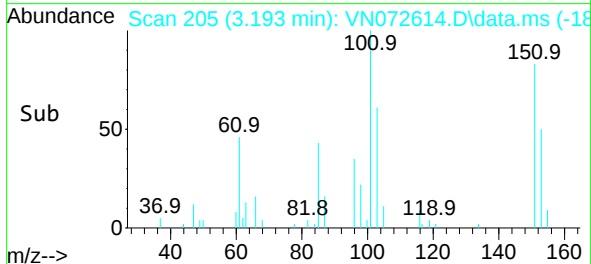
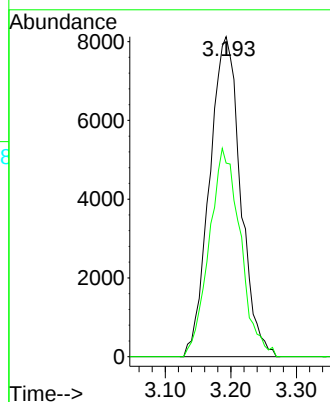
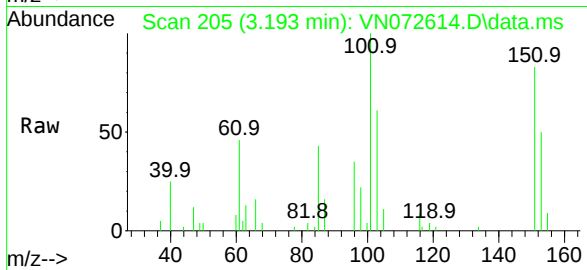




#7
 Trichlorofluoromethane
 Concen: 5106.815 ug/l
 RT: 3.193 min Scan# 205
 Delta R.T. -0.164 min
 Lab File: VN072614.D
 Acq: 25 May 2022 02:34

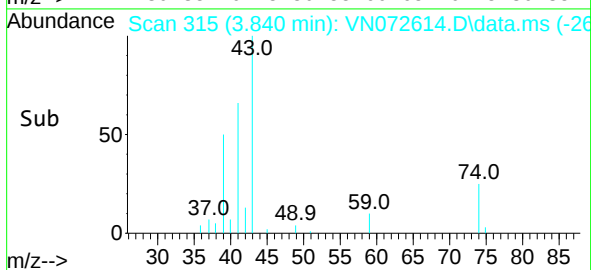
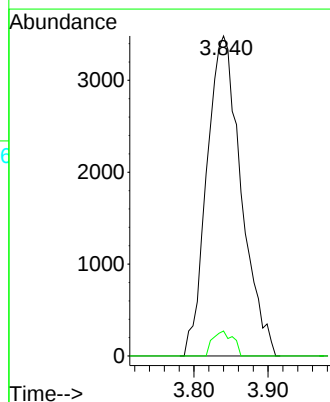
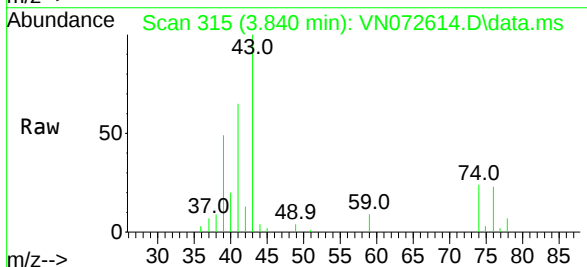
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 ClientSampleId :
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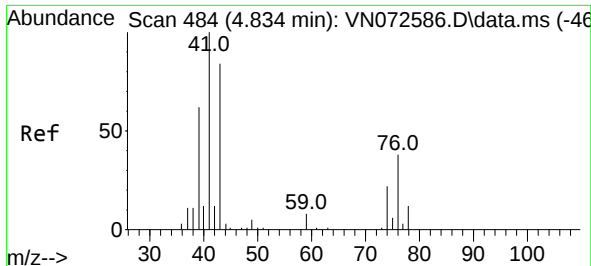
Tgt Ion:101 Resp: 26703
 Ion Ratio Lower Upper
 101 100
 103 60.5 51.5 77.3



#8
 Diethyl Ether
 Concen: 5314.969 ug/l
 RT: 3.840 min Scan# 315
 Delta R.T. 0.018 min
 Lab File: VN072614.D
 Acq: 25 May 2022 02:34

Tgt Ion: 74 Resp: 11216
 Ion Ratio Lower Upper
 74 100
 45 4.6 42.9 128.5#

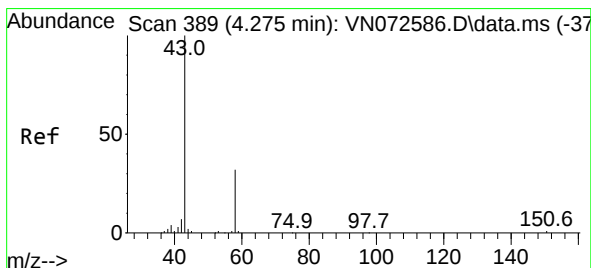
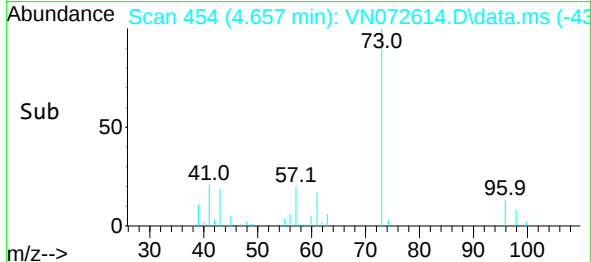
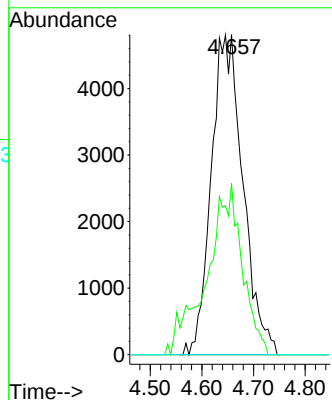
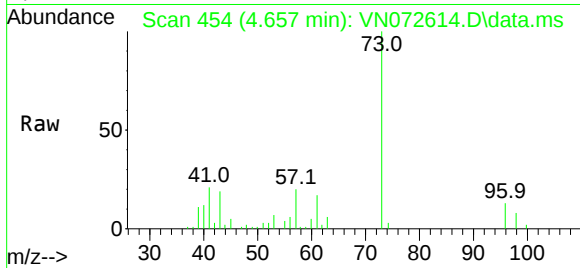




#14
 Allyl chloride
 Concen: 3762.830 ug/l
 RT: 4.657 min Scan# 416
 Delta R.T. -0.177 min
 Lab File: VN072614.D
 Acq: 25 May 2022 02:34

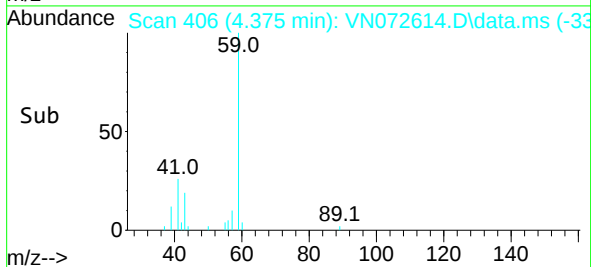
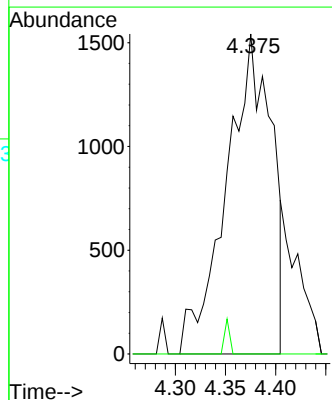
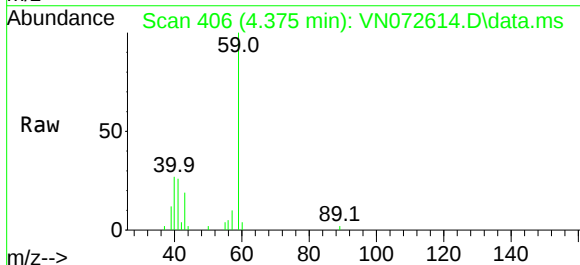
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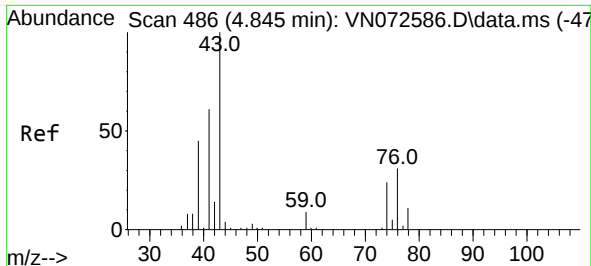
Tgt Ion: 41 Resp: 20490
 Ion Ratio Lower Upper
 41 100
 39 0.0 53.2 79.8#
 76 0.0 29.9 44.9#



#16
 Acetone
 Concen: 2597.143 ug/l
 RT: 4.375 min Scan# 406
 Delta R.T. 0.100 min
 Lab File: VN072614.D
 Acq: 25 May 2022 02:34

Tgt Ion: 43 Resp: 4821
 Ion Ratio Lower Upper
 43 100
 58 0.0 26.0 39.0#

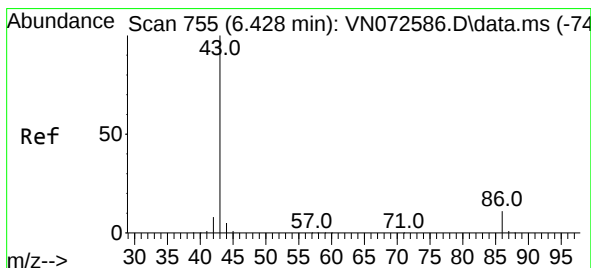
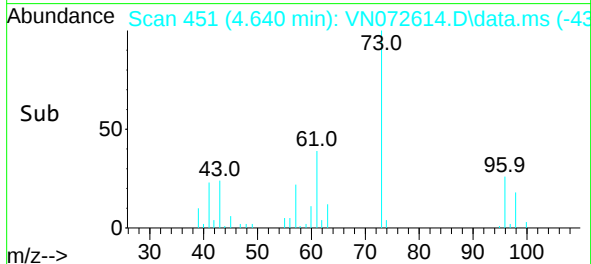
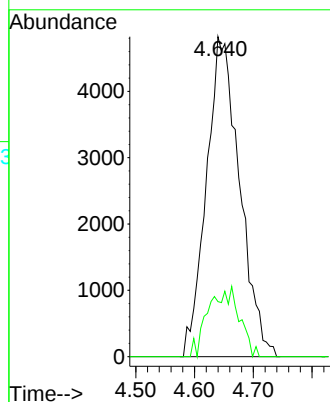
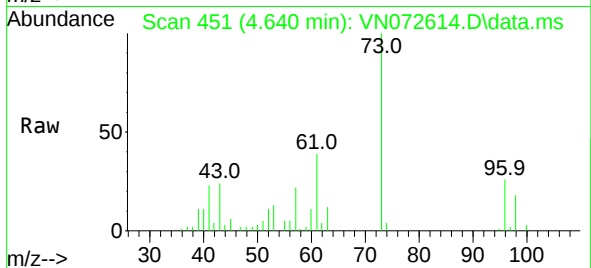




#18
Methyl Acetate
Concen: 3784.816 ug/l
RT: 4.640 min Scan# 41
Delta R.T. -0.205 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

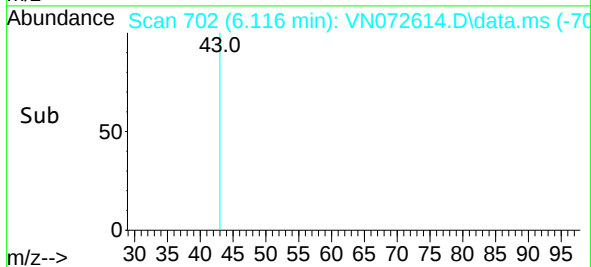
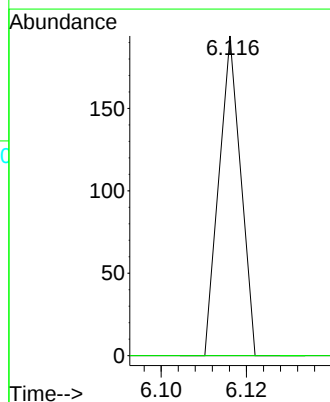
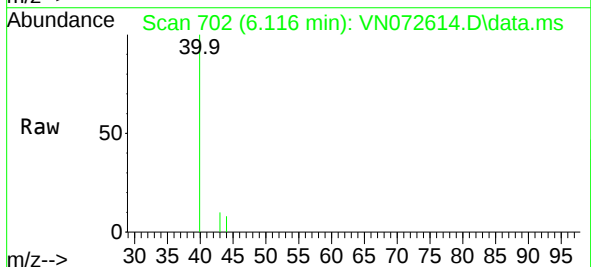
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ClientSampleId :
VN0524WBSD02

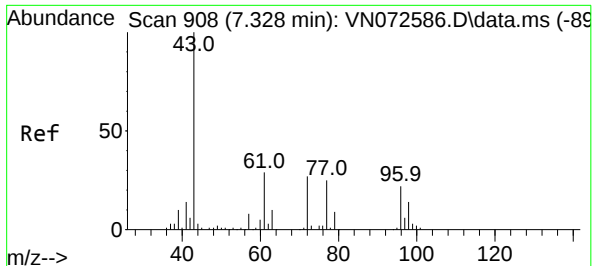
Tgt Ion: 43 Resp: 18940
Ion Ratio Lower Upper
43 100
74 10.0 21.6 32.4#



#23
Vinyl Acetate
Concen: 6.920 ug/l
RT: 6.116 min Scan# 702
Delta R.T. -0.312 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

Tgt Ion: 43 Resp: 68
Ion Ratio Lower Upper
43 100
86 0.0 10.0 15.0#





#25

2-Butanone

Concen: 7022.605 ug/l

RT: 7.193 min Scan# 81

Delta R.T. -0.135 min

Lab File: VN072614.D

Acq: 25 May 2022 02:34

Instrument :

MSVOA_N

ClientSampleId :

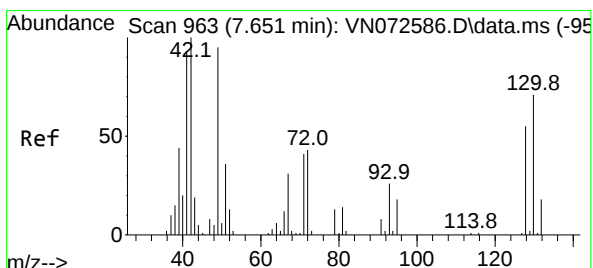
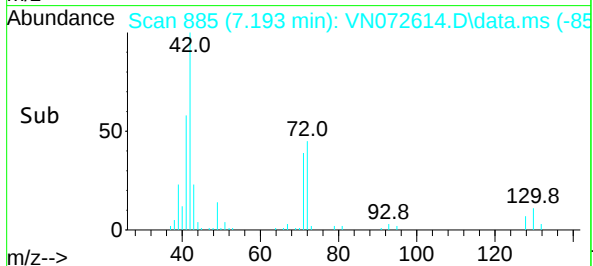
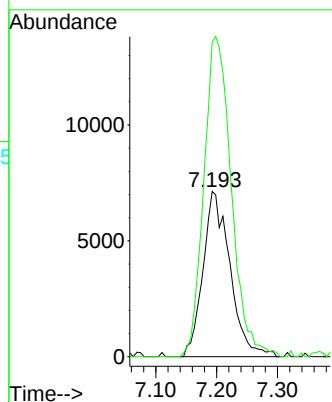
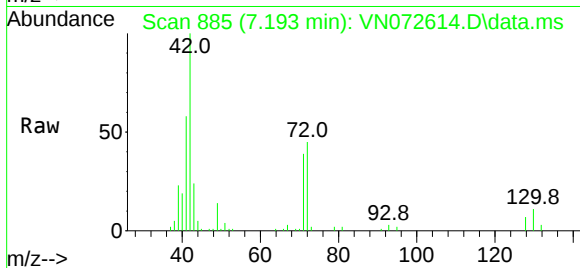
VN0524WBSD02

Tgt Ion: 43 Resp: 21996

Ion Ratio Lower Upper

43 100

72 190.5 23.7 35.5#



#28

Bromochloromethane

Concen: 9472.931 ug/l

RT: 7.169 min Scan# 881

Delta R.T. -0.482 min

Lab File: VN072614.D

Acq: 25 May 2022 02:34

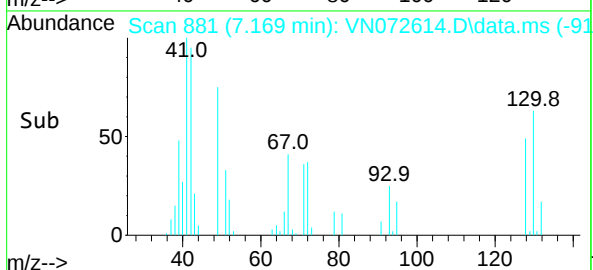
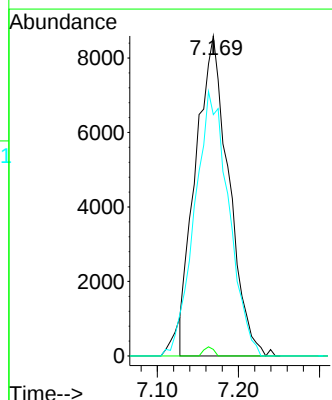
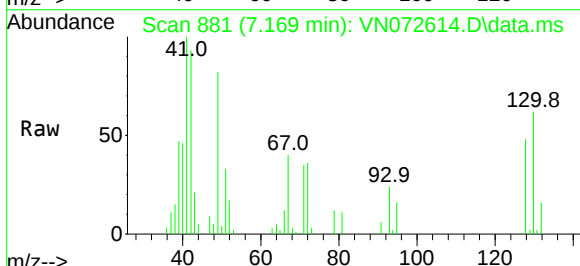
Tgt Ion: 49 Resp: 24389

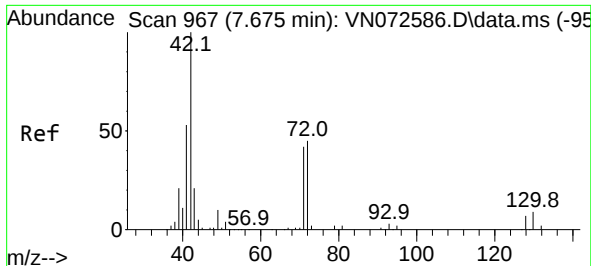
Ion Ratio Lower Upper

49 100

129 0.8 0.0 4.6

130 82.4 69.7 104.5





#29

Tetrahydrofuran

Concen: 49790.985 ug/l

RT: 7.198 min Scan# 81

Delta R.T. -0.477 min

Lab File: VN072614.D

Acq: 25 May 2022 02:34

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBSD02

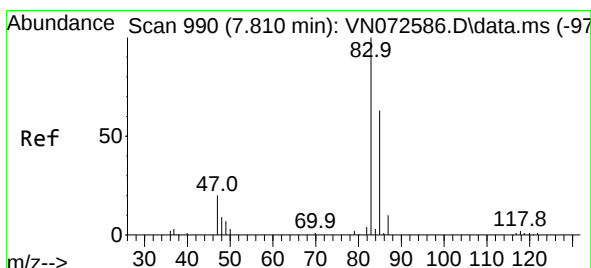
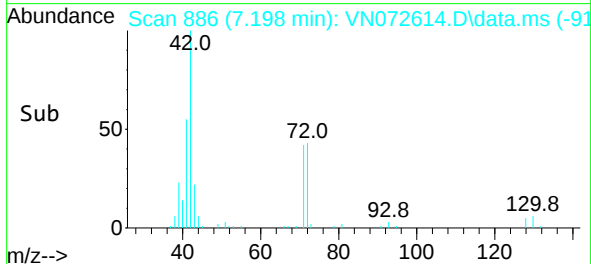
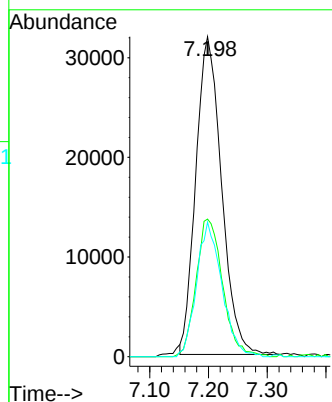
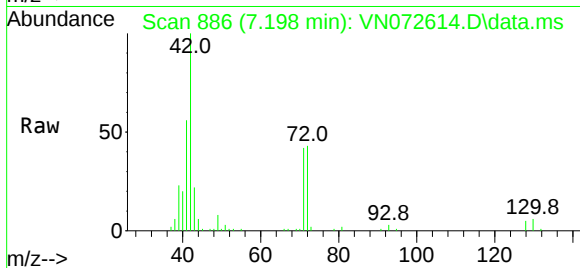
Tgt Ion: 42 Resp: 97036

Ion Ratio Lower Upper

42 100

72 44.5 39.7 59.5

71 41.4 36.6 55.0



#30

Chloroform

Concen: 8867.190 ug/l

RT: 7.369 min Scan# 915

Delta R.T. -0.441 min

Lab File: VN072614.D

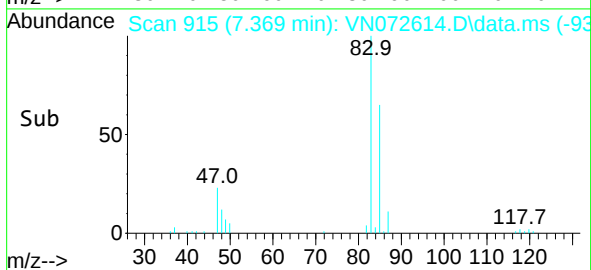
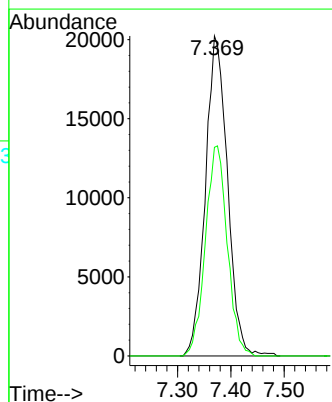
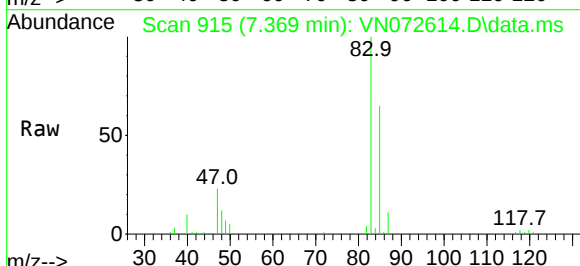
Acq: 25 May 2022 02:34

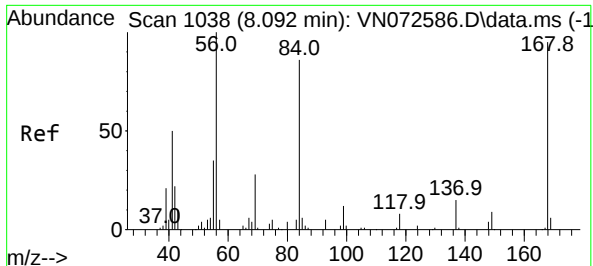
Tgt Ion: 83 Resp: 58172

Ion Ratio Lower Upper

83 100

85 65.2 51.8 77.8





#31

Cyclohexane

Concen: 9049.541 ug/l

RT: 7.687 min Scan# 9

Delta R.T. -0.405 min

Lab File: VN072614.D

Acq: 25 May 2022 02:34

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBSD02

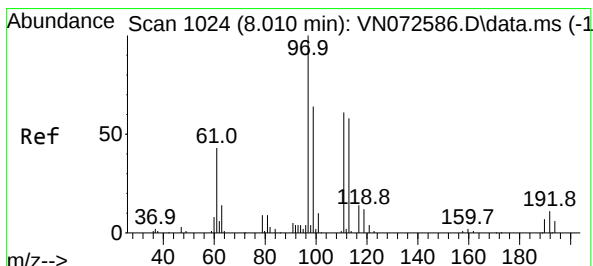
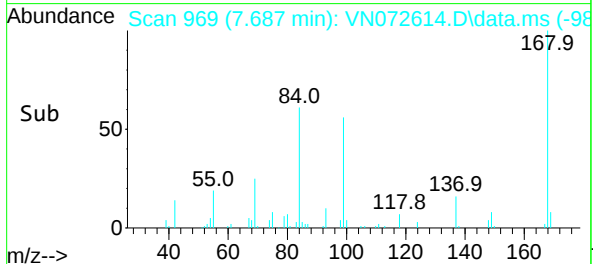
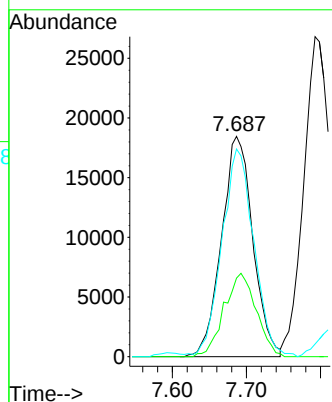
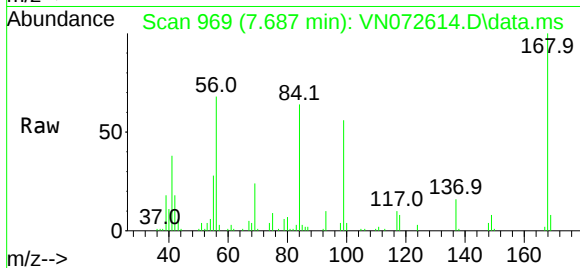
Tgt Ion: 56 Resp: 54137

Ion Ratio Lower Upper

56 100

69 35.7 27.8 41.8

84 93.1 76.9 115.3



#32

1,1,1-Trichloroethane

Concen: 9450.694 ug/l

RT: 7.593 min Scan# 953

Delta R.T. -0.417 min

Lab File: VN072614.D

Acq: 25 May 2022 02:34

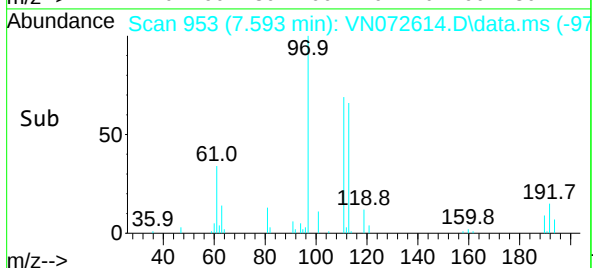
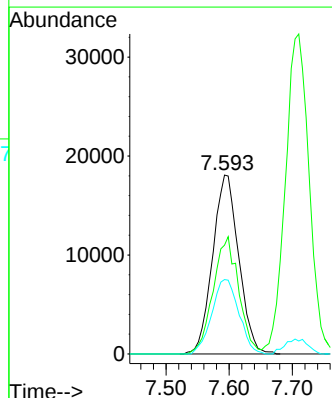
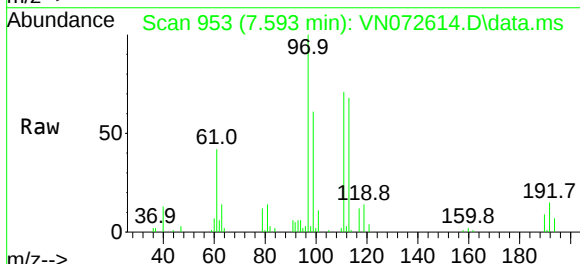
Tgt Ion: 97 Resp: 51928

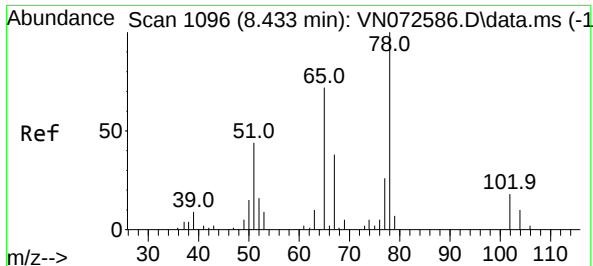
Ion Ratio Lower Upper

97 100

99 64.2 50.6 76.0

61 42.9 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 26980.983 ug/l

RT: 8.098 min Scan# 110

Delta R.T. -0.335 min

Lab File: VN072614.D

Acq: 25 May 2022 02:34

Instrument :

MSVOA_N

ClientSampleId :

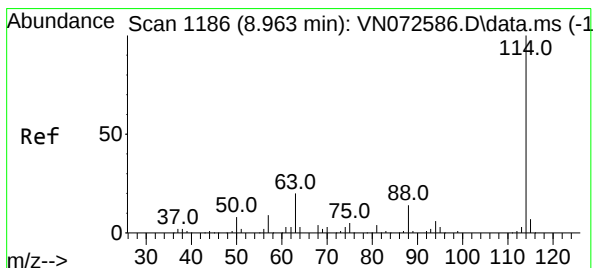
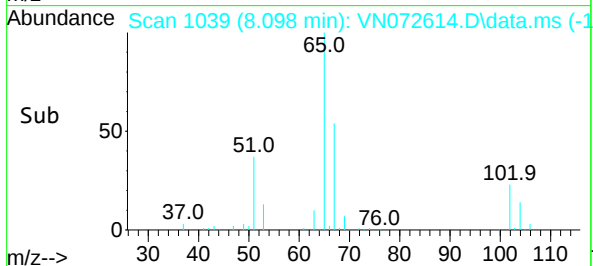
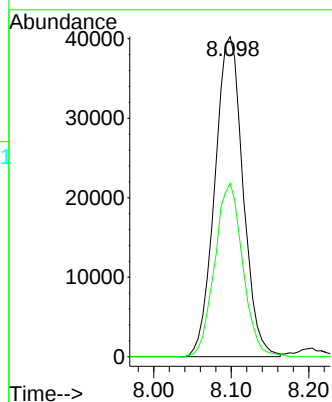
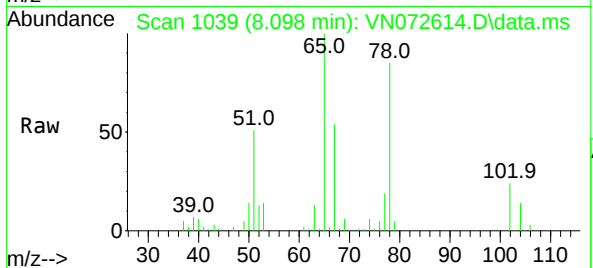
VN0524WBSD02

Tgt Ion: 65 Resp: 101895

Ion Ratio Lower Upper

65 100

67 53.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1143

Delta R.T. -0.253 min

Lab File: VN072614.D

Acq: 25 May 2022 02:34

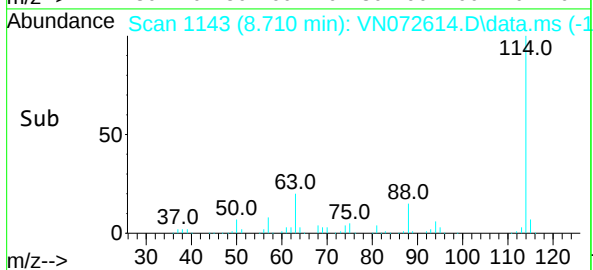
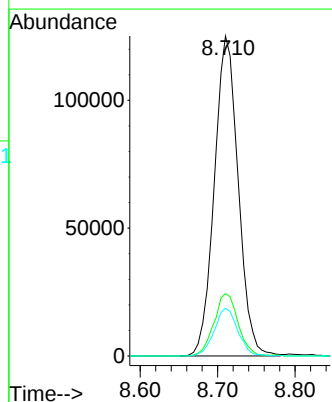
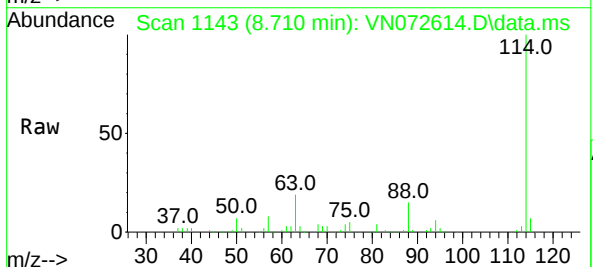
Tgt Ion: 114 Resp: 267756

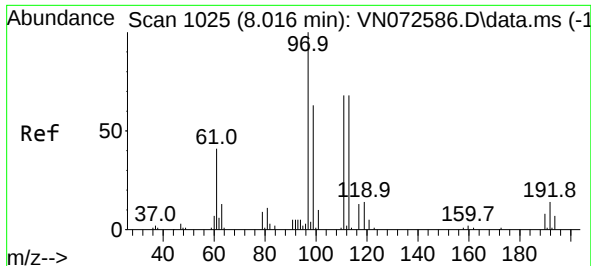
Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

88 14.9 0.0 32.6

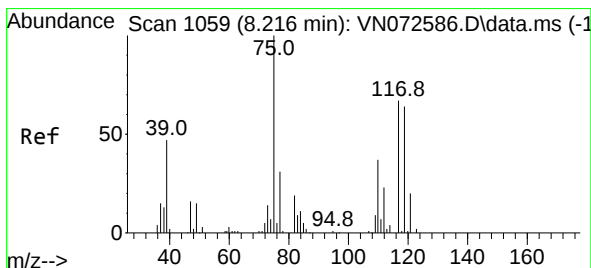
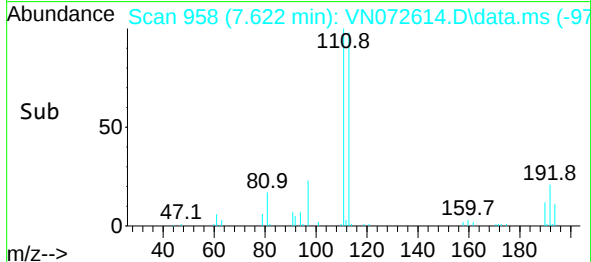
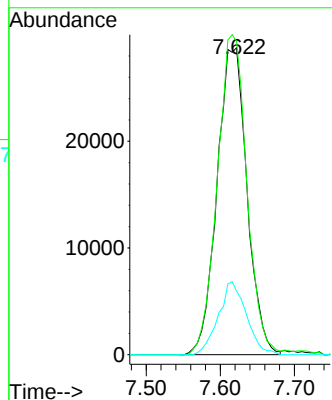
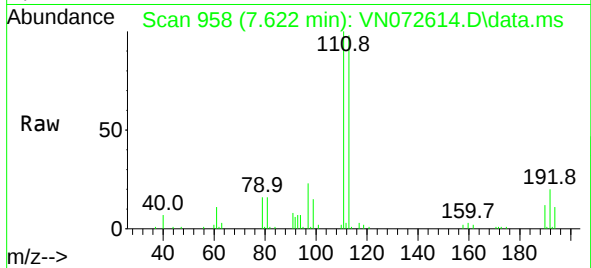




#35
Dibromofluoromethane
Concen: 46.612 ug/l
RT: 7.622 min Scan# 911
Delta R.T. -0.394 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

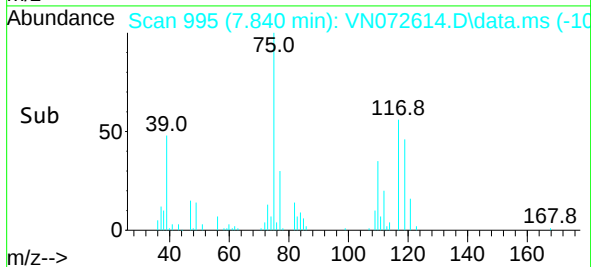
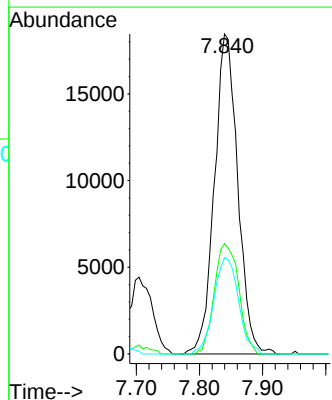
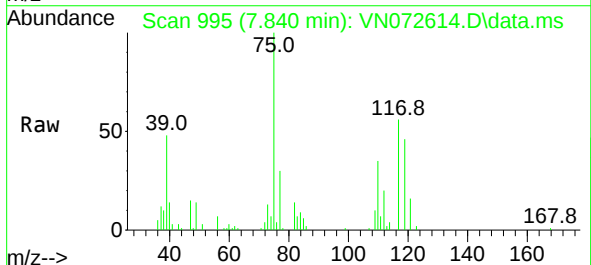
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD02

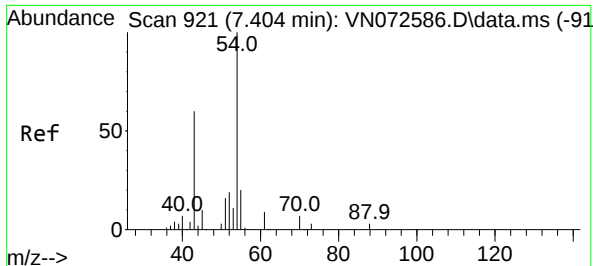
Tgt Ion:113 Resp: 80890
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.0
192 22.2 17.0 25.6



#36
1,1-Dichloropropene
Concen: 19.292 ug/l
RT: 7.840 min Scan# 995
Delta R.T. -0.376 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

Tgt Ion: 75 Resp: 47366
Ion Ratio Lower Upper
75 100
110 36.1 18.3 54.8
77 31.8 25.1 37.7





#37

Ethyl Acetate

Concen: 6.853 ug/l

RT: 7.193 min Scan# 81

Delta R.T. -0.211 min

Lab File: VN072614.D

Acq: 25 May 2022 02:34

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBSD02

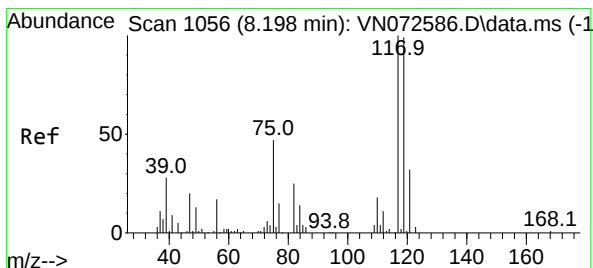
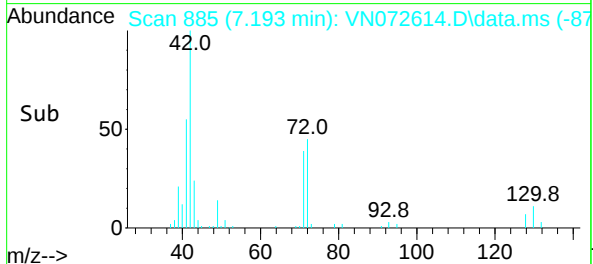
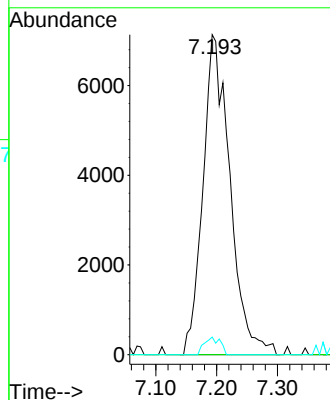
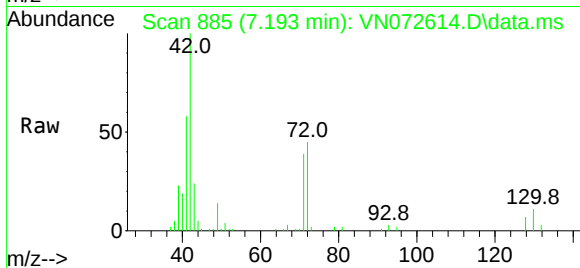
Tgt Ion: 43 Resp: 21996

Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

70 3.2 9.3 13.9#



#38

Carbon Tetrachloride

Concen: 18.598 ug/l

RT: 7.822 min Scan# 992

Delta R.T. -0.376 min

Lab File: VN072614.D

Acq: 25 May 2022 02:34

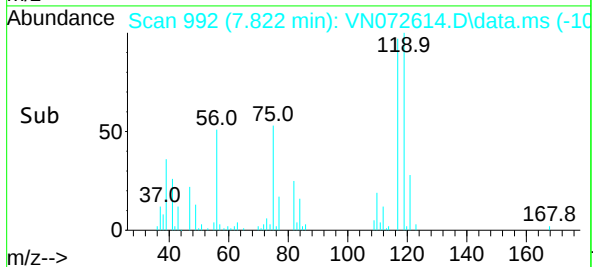
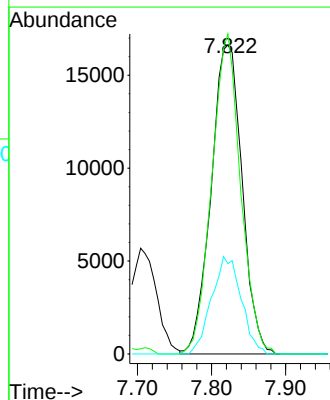
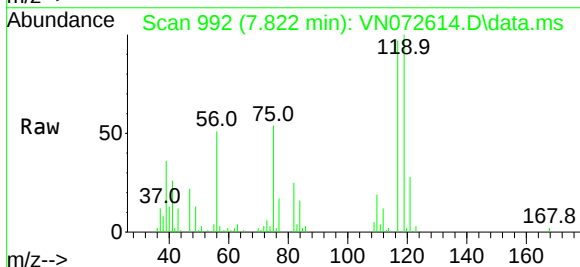
Tgt Ion: 117 Resp: 48198

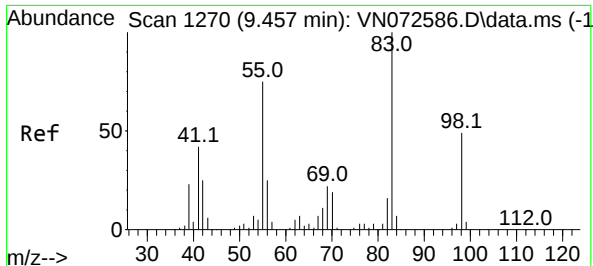
Ion Ratio Lower Upper

117 100

119 103.6 75.8 113.8

121 29.3 24.6 37.0





#39

Methylcyclohexane

Concen: 18.442 ug/l

RT: 9.245 min Scan# 11

Delta R.T. -0.212 min

Lab File: VN072614.D

Acq: 25 May 2022 02:34

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBSD02

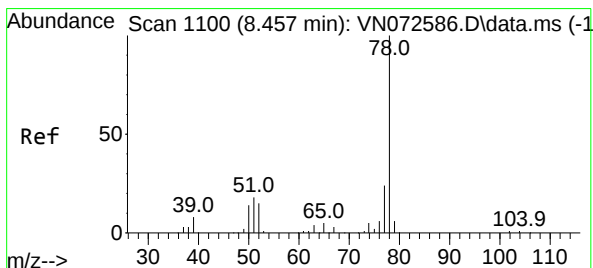
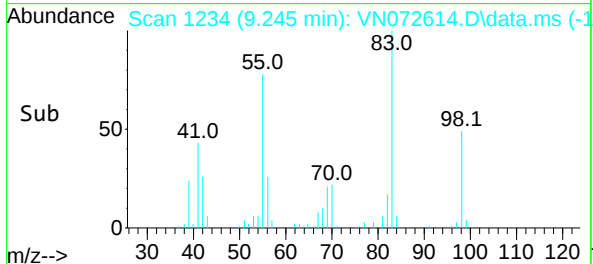
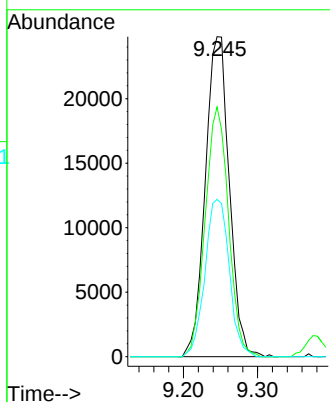
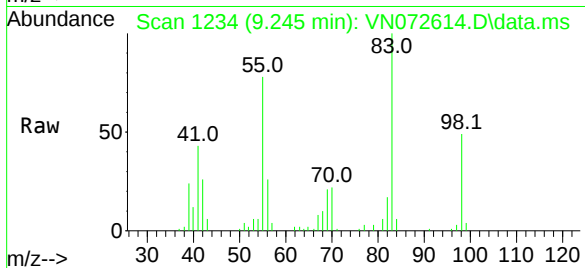
Tgt Ion: 83 Resp: 55794

Ion Ratio Lower Upper

83 100

55 78.0 57.8 86.8

98 49.1 39.4 59.2



#40

Benzene

Concen: 19.677 ug/l

RT: 8.116 min Scan# 1042

Delta R.T. -0.341 min

Lab File: VN072614.D

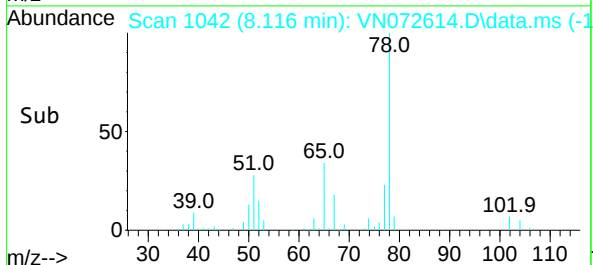
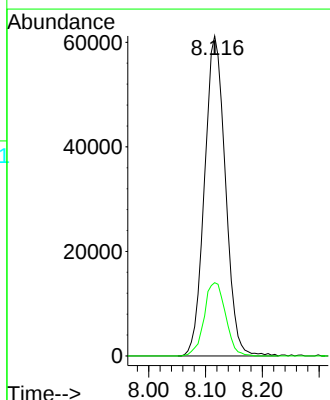
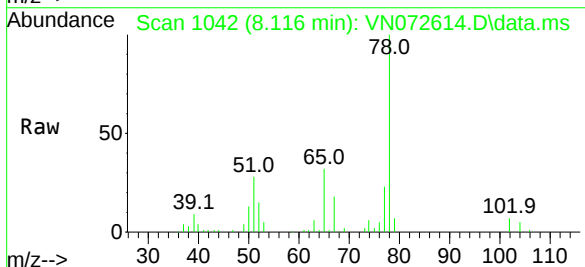
Acq: 25 May 2022 02:34

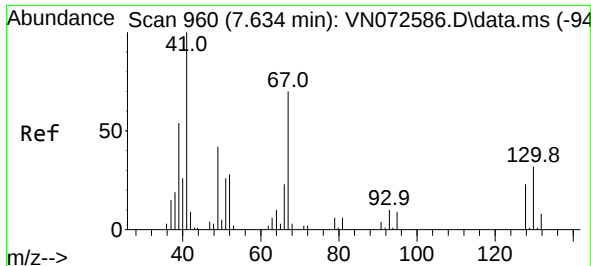
Tgt Ion: 78 Resp: 155892

Ion Ratio Lower Upper

78 100

77 22.9 19.4 29.0

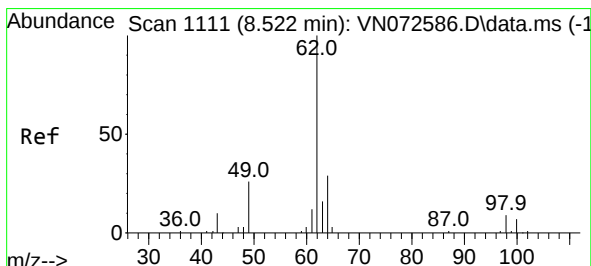
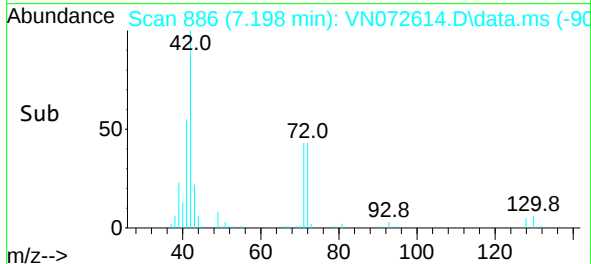
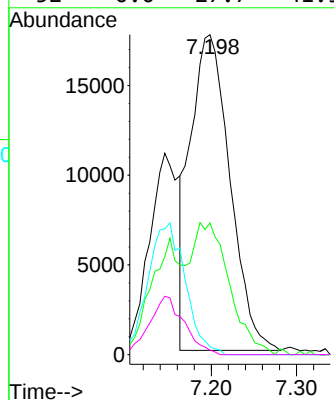
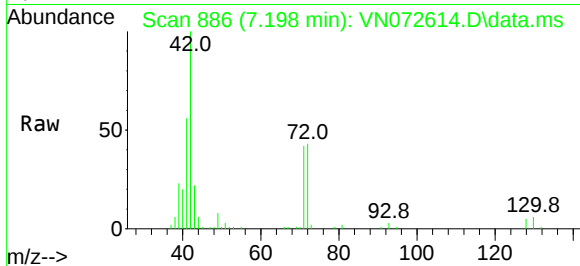




#41
Methacrylonitrile
Concen: 35.059 ug/l
RT: 7.198 min Scan# 81
Delta R.T. -0.436 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

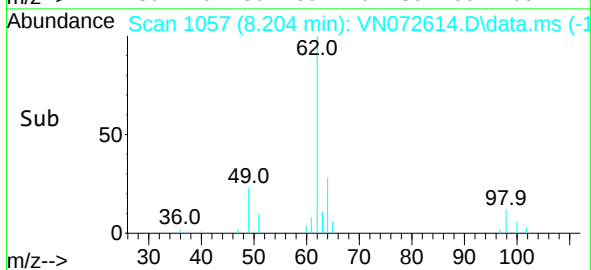
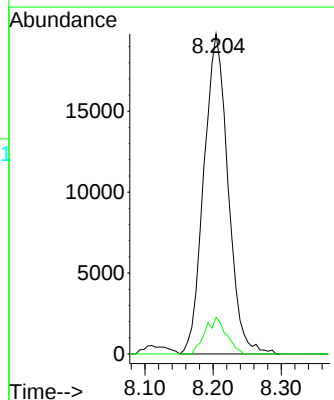
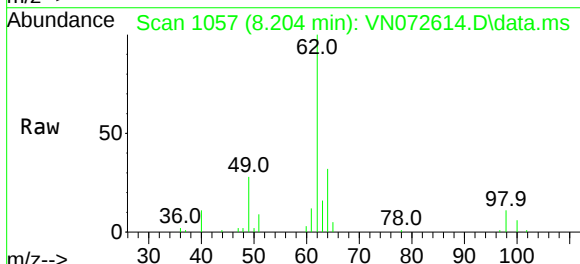
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD02

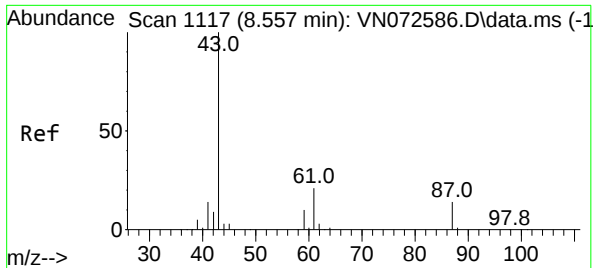
Tgt Ion: 41 Resp: 56615
Ion Ratio Lower Upper
41 100
39 39.7 48.6 73.0#
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#



#42
1,2-Dichloroethane
Concen: 19.036 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.318 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

Tgt Ion: 62 Resp: 48862
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.4

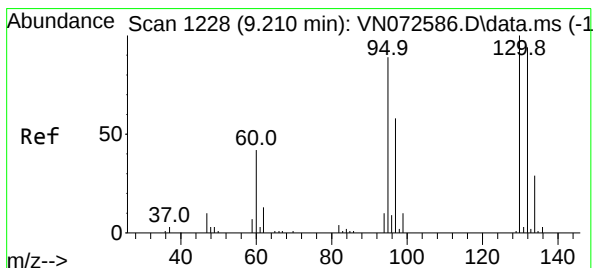
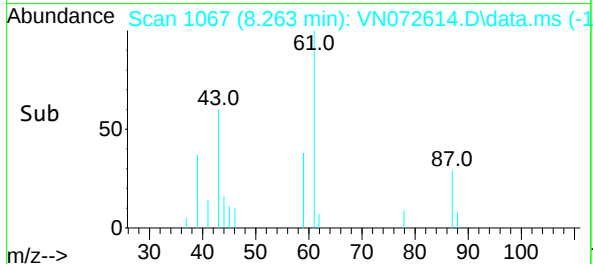
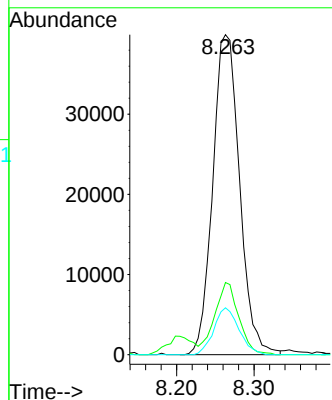
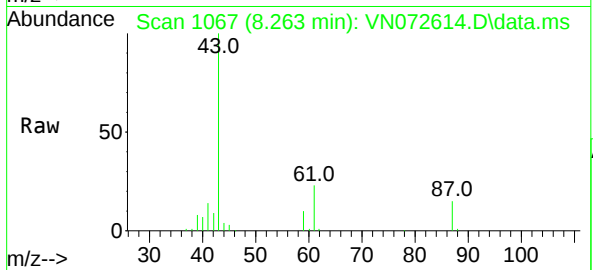




#43
Isopropyl Acetate
Concen: 21.183 ug/l
RT: 8.263 min Scan# 1189
Delta R.T. -0.294 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

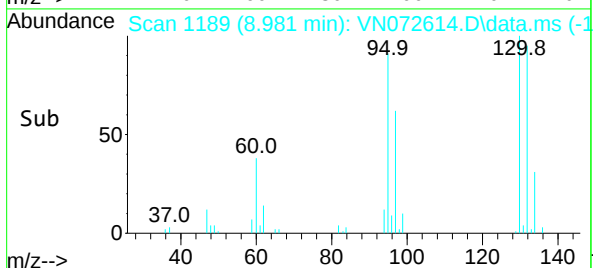
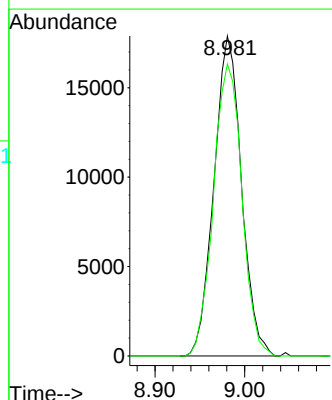
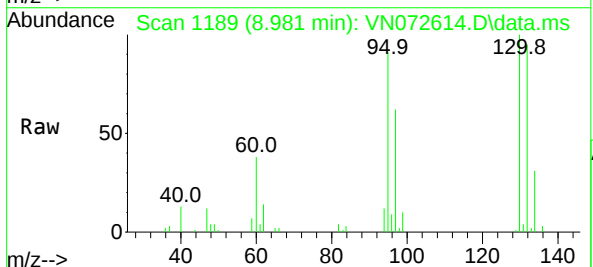
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD02

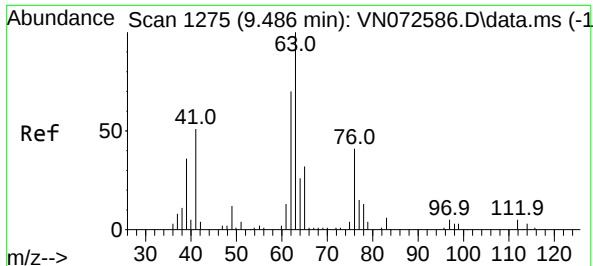
Tgt Ion: 43 Resp: 96404
Ion Ratio Lower Upper
43 100
61 20.3 21.9 32.9#
87 13.7 12.0 18.0



#44
Trichloroethene
Concen: 18.703 ug/l
RT: 8.981 min Scan# 1189
Delta R.T. -0.229 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

Tgt Ion:130 Resp: 38100
Ion Ratio Lower Upper
130 100
95 91.3 0.0 186.8





#45

1,2-Dichloropropane

Concen: 19.300 ug/l

RT: 9.281 min Scan# 1

Delta R.T. -0.205 min

Lab File: VN072614.D

Acq: 25 May 2022 02:34

Instrument :

MSVOA_N

ClientSampleId :

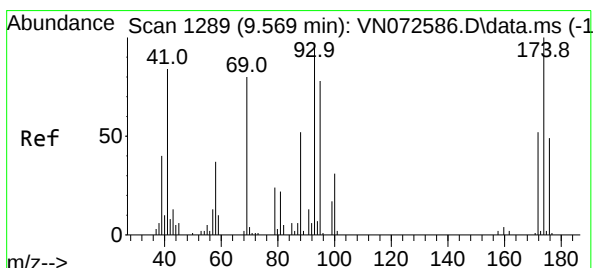
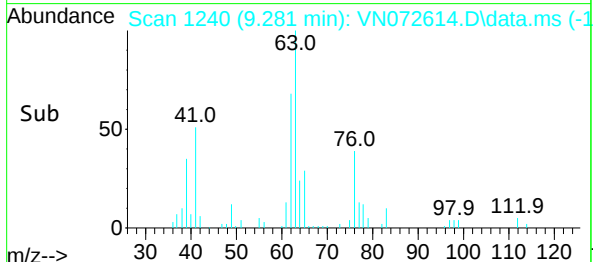
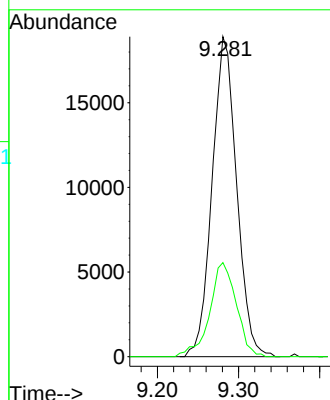
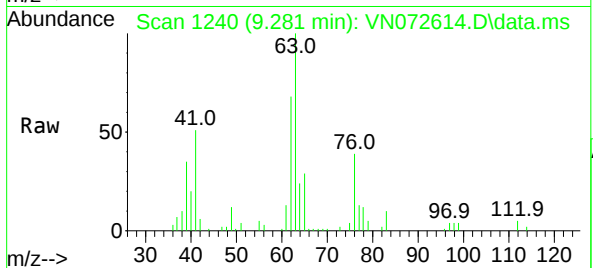
VN0524WBSD02

Tgt Ion: 63 Resp: 39679

Ion Ratio Lower Upper

63 100

65 29.4 24.9 37.3



#46

Dibromomethane

Concen: 18.754 ug/l

RT: 9.375 min Scan# 1256

Delta R.T. -0.194 min

Lab File: VN072614.D

Acq: 25 May 2022 02:34

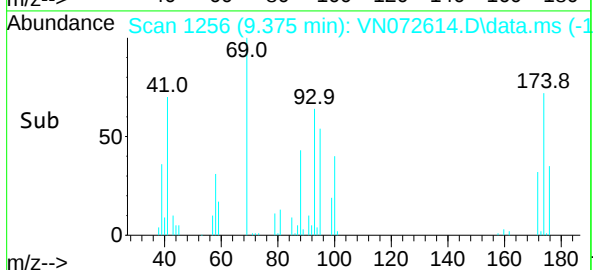
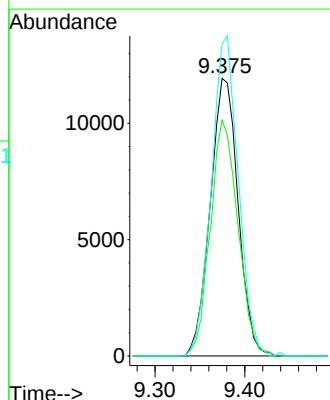
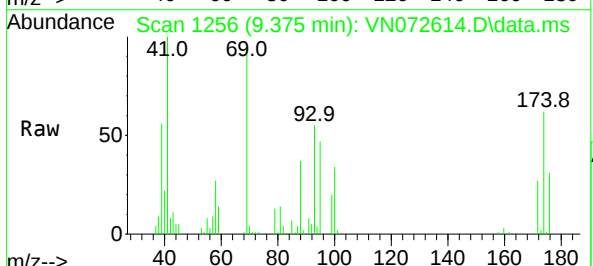
Tgt Ion: 93 Resp: 25735

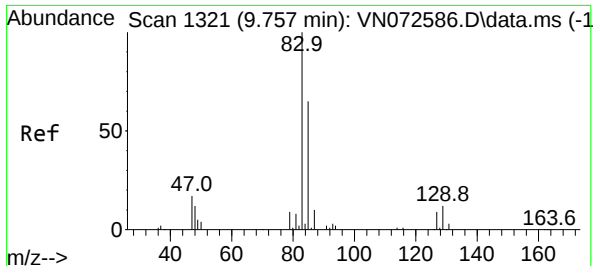
Ion Ratio Lower Upper

93 100

95 84.2 66.9 100.3

174 111.4 86.6 130.0

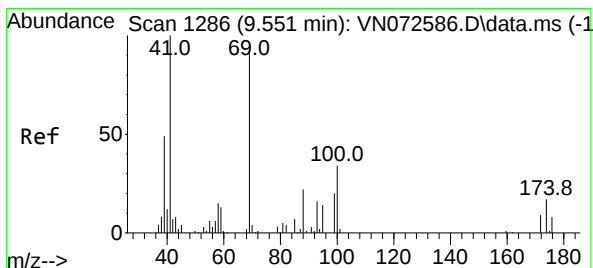
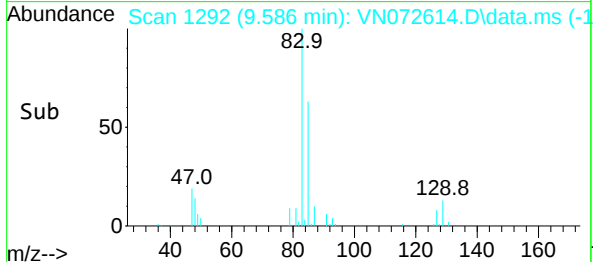
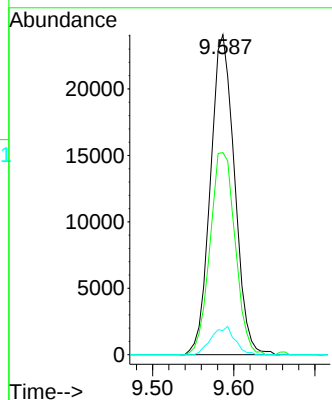
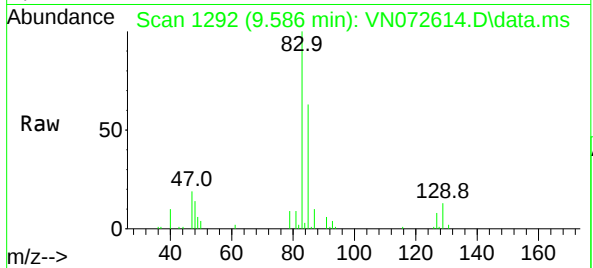




#47
Bromodichloromethane
Concen: 18.536 ug/l
RT: 9.586 min Scan# 11
Delta R.T. -0.171 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

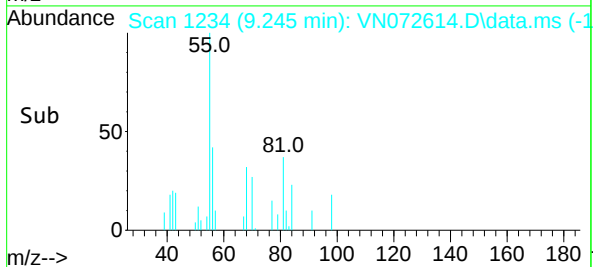
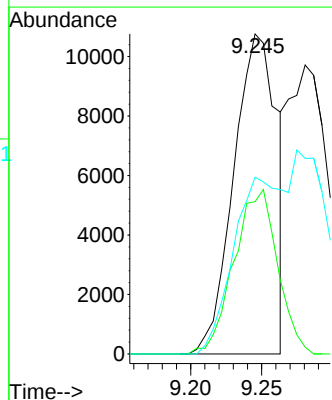
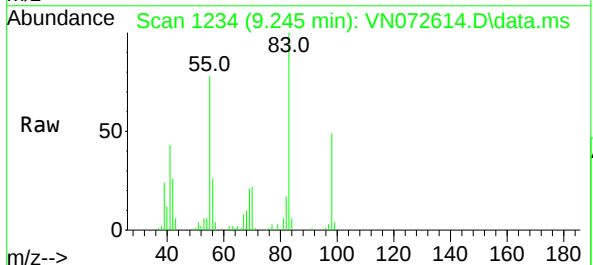
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD02

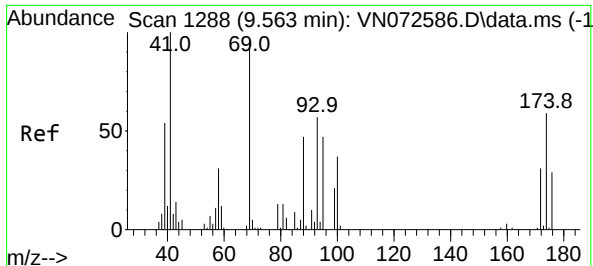
Tgt Ion: 83 Resp: 49567
Ion Ratio Lower Upper
83 100
85 63.1 50.5 75.7
127 7.6 6.8 10.2



#48
Methyl methacrylate
Concen: 10.262 ug/l
RT: 9.245 min Scan# 1234
Delta R.T. -0.306 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

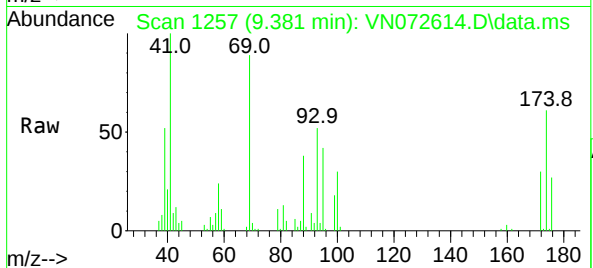
Tgt Ion: 41 Resp: 22717
Ion Ratio Lower Upper
41 100
69 51.8 74.7 112.1#
39 59.3 45.6 68.4



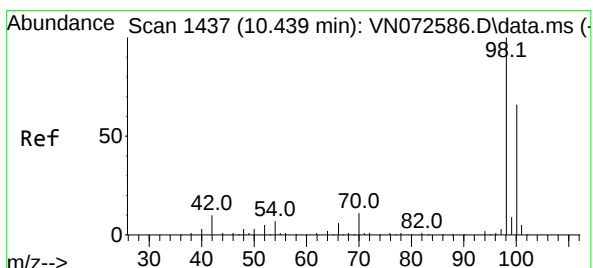
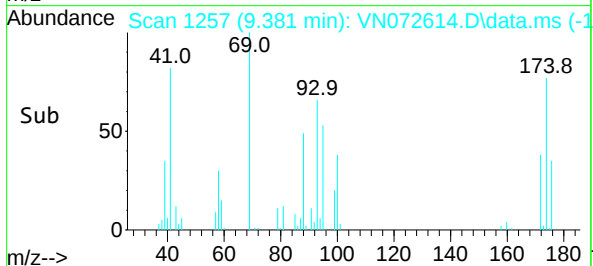
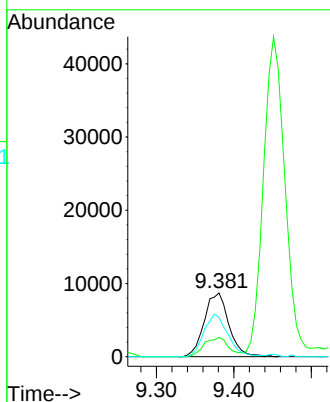


#49
1,4-Dioxane
Concen: 452.210 ug/l
RT: 9.381 min Scan# 11
Delta R.T. -0.182 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD02

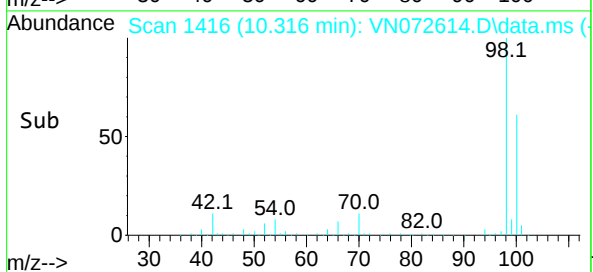
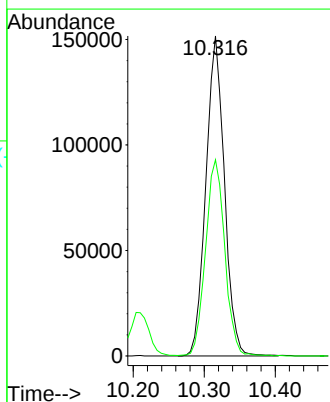
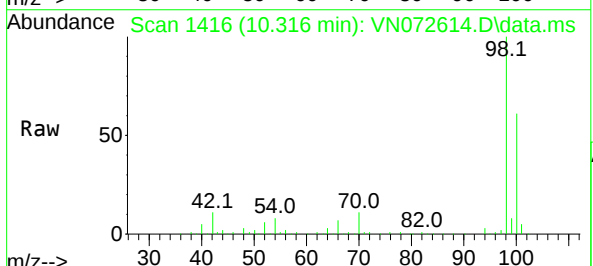


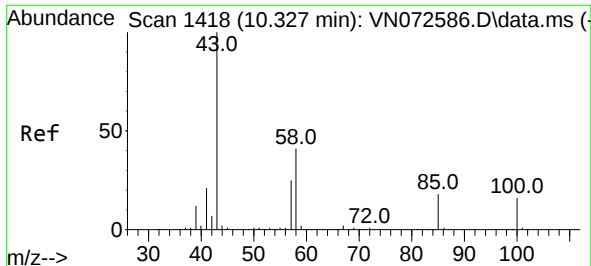
Tgt Ion: 88 Resp: 19106
Ion Ratio Lower Upper
88 100
43 30.3 20.2 30.4
58 65.6 54.2 81.4



#50
Toluene-d8
Concen: 41.526 ug/l
RT: 10.316 min Scan# 1416
Delta R.T. -0.123 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

Tgt Ion: 98 Resp: 275167
Ion Ratio Lower Upper
98 100
100 63.5 52.6 78.8

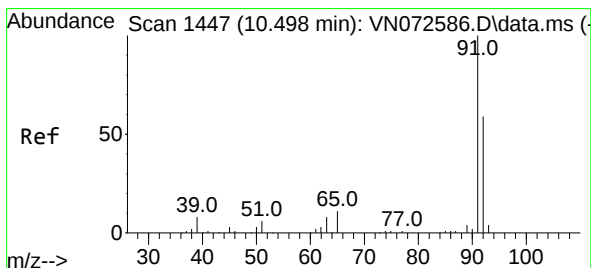
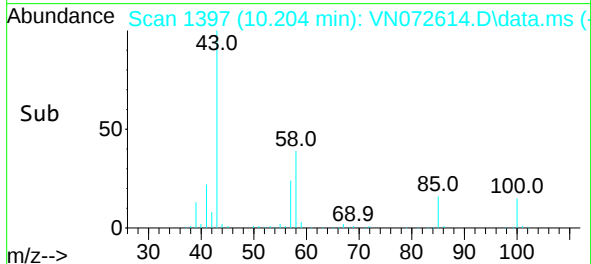
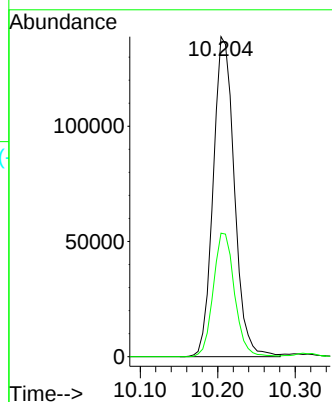
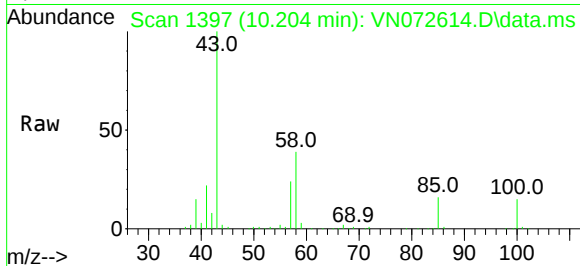




#51
4-Methyl-2-Pentanone
Concen: 84.789 ug/l
RT: 10.204 min Scan# 11
Delta R.T. -0.123 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

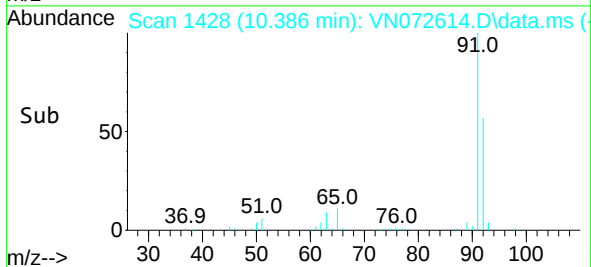
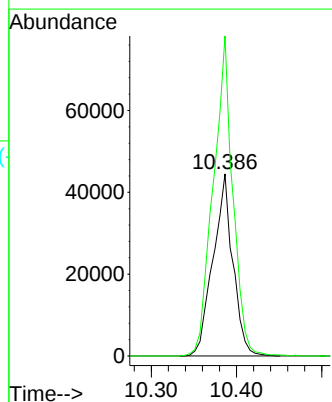
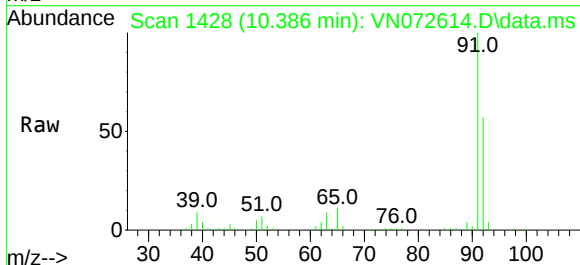
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD02

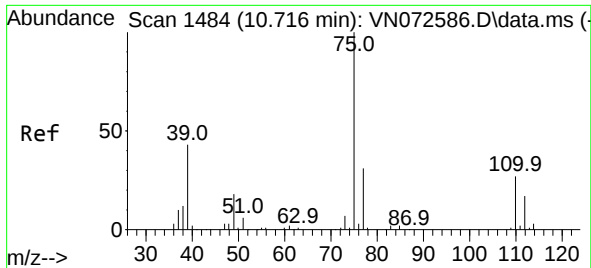
Tgt Ion: 43 Resp: 264167
Ion Ratio Lower Upper
43 100
58 38.7 34.1 51.1



#52
Toluene
Concen: 14.340 ug/l
RT: 10.386 min Scan# 1428
Delta R.T. -0.112 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

Tgt Ion: 92 Resp: 71944
Ion Ratio Lower Upper
92 100
91 174.0 138.6 207.8

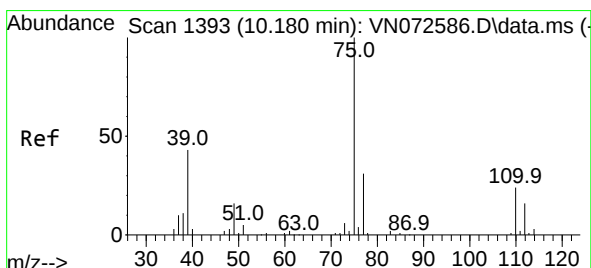
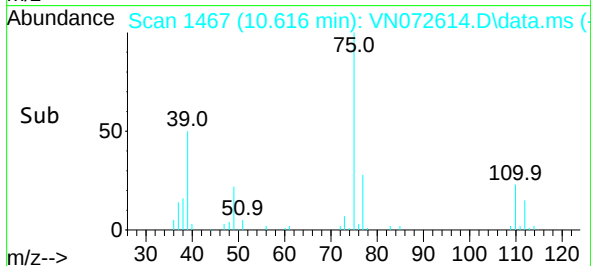
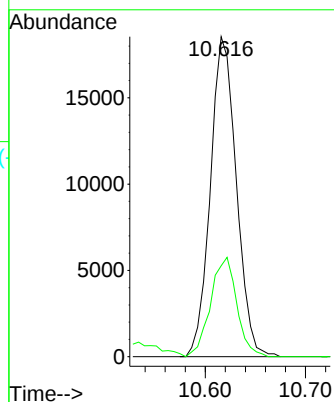
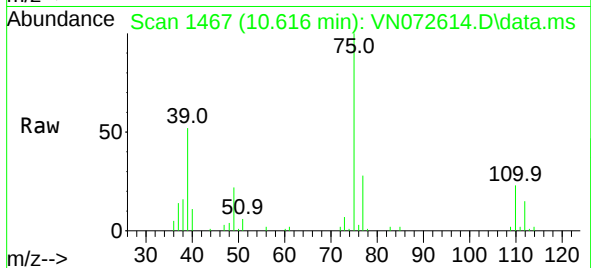




#53
 t-1,3-Dichloropropene
 Concen: 12.217 ug/l
 RT: 10.616 min Scan# 1484
 Delta R.T. -0.100 min
 Lab File: VN072614.D
 Acq: 25 May 2022 02:34

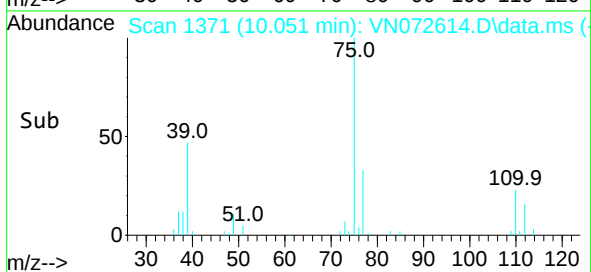
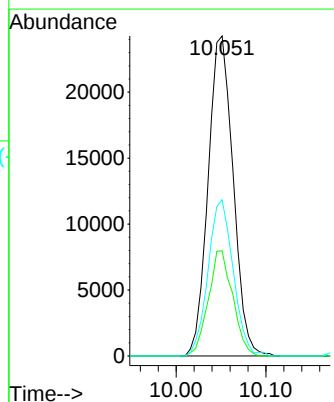
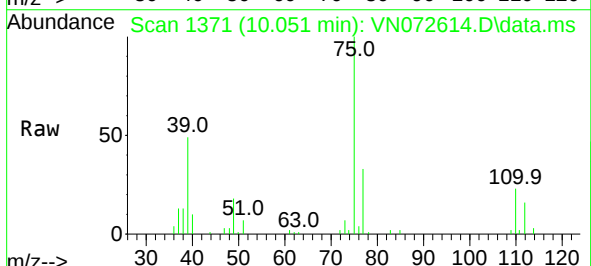
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBSD02

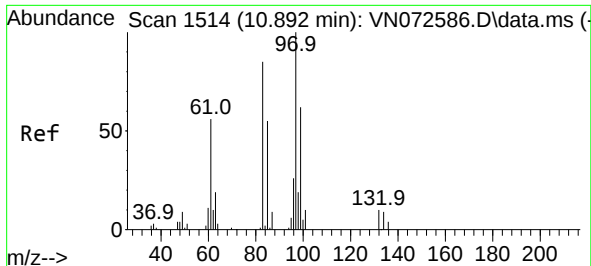
Tgt Ion: 75 Resp: 33395
 Ion Ratio Lower Upper
 75 100
 77 28.4 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 15.276 ug/l
 RT: 10.051 min Scan# 1371
 Delta R.T. -0.129 min
 Lab File: VN072614.D
 Acq: 25 May 2022 02:34

Tgt Ion: 75 Resp: 47020
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.2 37.8
 39 48.8 35.7 53.5

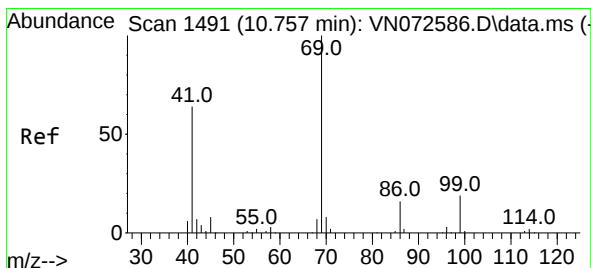
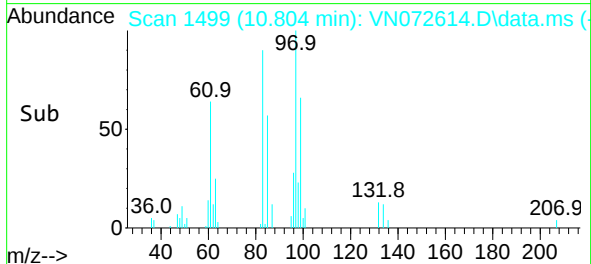
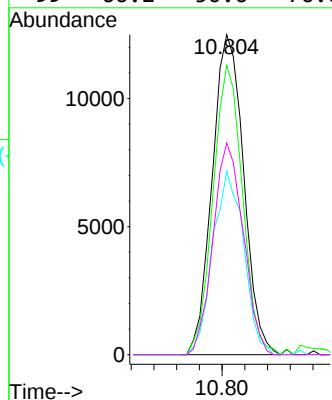
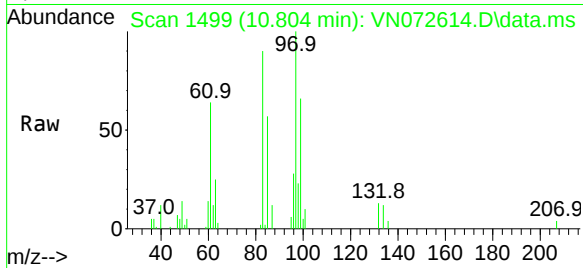




#55
1,1,2-Trichloroethane
Concen: 11.523 ug/l
RT: 10.804 min Scan# 1476
Delta R.T. -0.088 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

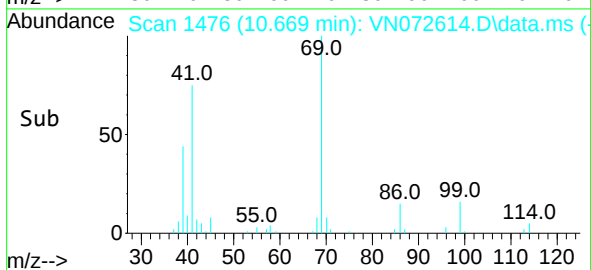
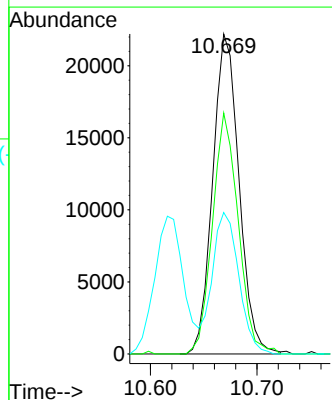
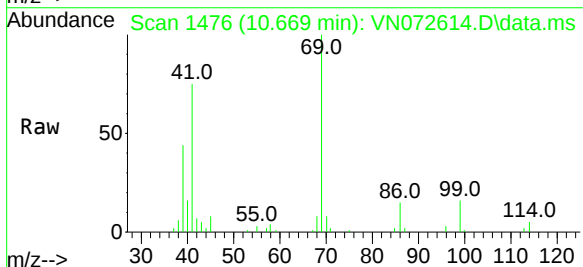
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD02

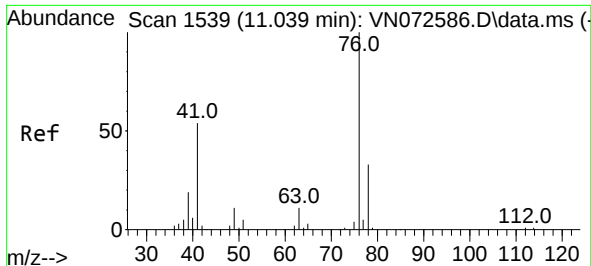
Tgt Ion:	97	Resp:	23984
Ion	Ratio	Lower	Upper
97	100		
83	90.5	66.2	99.4
85	57.3	43.9	65.9
99	66.2	50.6	76.0



#56
Ethyl methacrylate
Concen: 11.868 ug/l
RT: 10.669 min Scan# 1476
Delta R.T. -0.088 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

Tgt Ion:	69	Resp:	38051
Ion	Ratio	Lower	Upper
69	100		
41	73.8	47.8	71.6#
39	44.7	27.3	40.9#





#57

1,3-Dichloropropane

Concen: 12.011 ug/l

RT: 10.957 min Scan# 11

Delta R.T. -0.082 min

Lab File: VN072614.D

Acq: 25 May 2022 02:34

Instrument :

MSVOA_N

ClientSampleId :

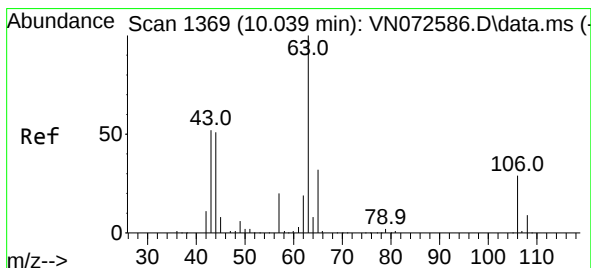
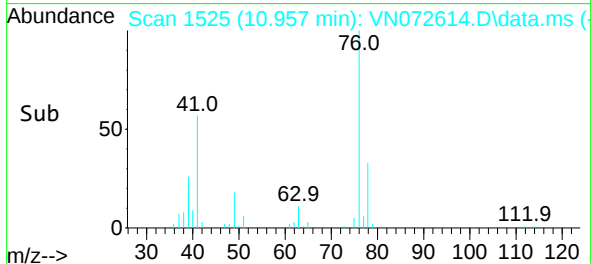
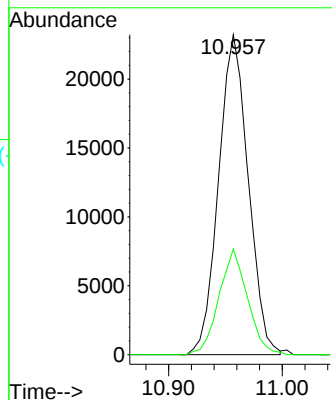
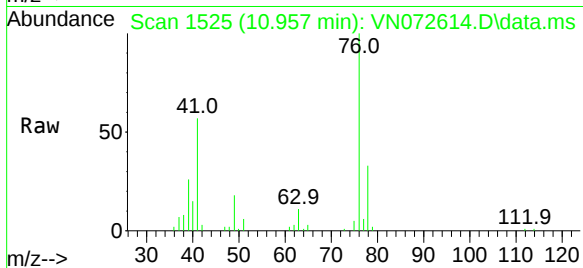
VN0524WBSD02

Tgt Ion: 76 Resp: 42137

Ion Ratio Lower Upper

76 100

78 31.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 89.446 ug/l

RT: 9.898 min Scan# 1345

Delta R.T. -0.141 min

Lab File: VN072614.D

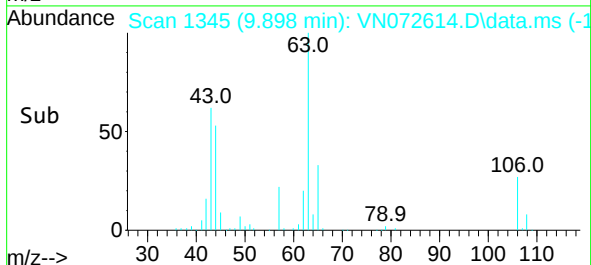
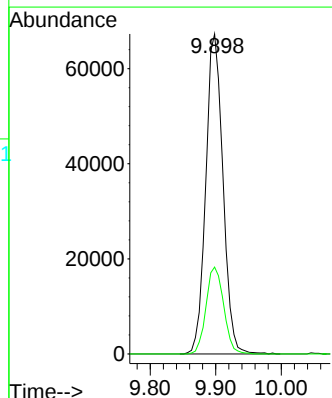
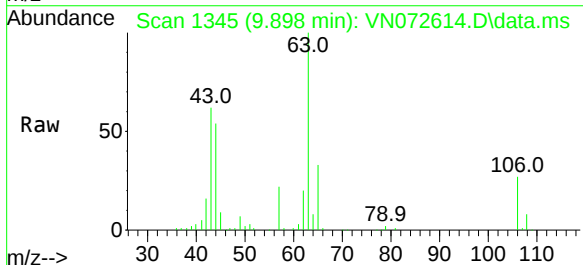
Acq: 25 May 2022 02:34

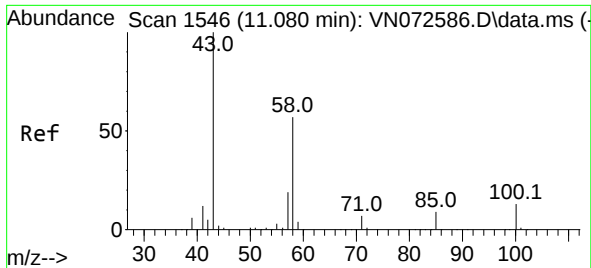
Tgt Ion: 63 Resp: 122708

Ion Ratio Lower Upper

63 100

106 27.9 24.6 36.8

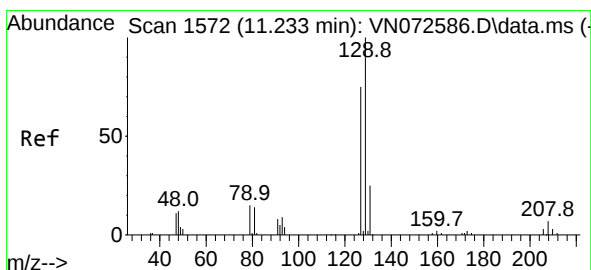
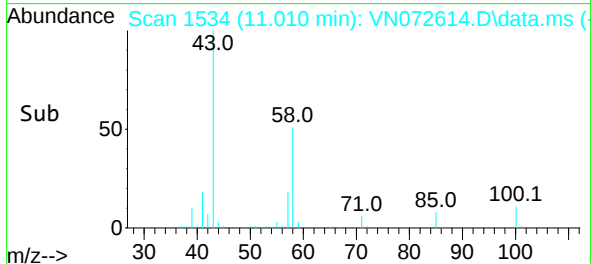
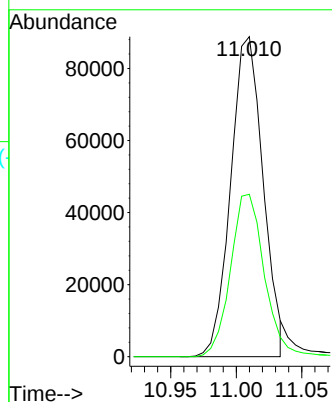
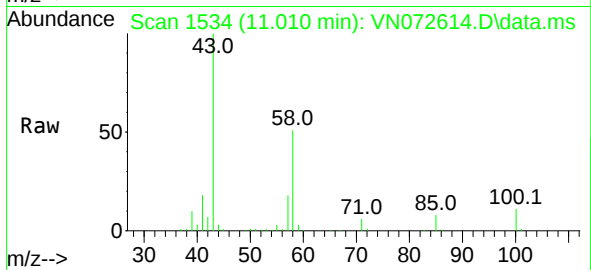




#59
2-Hexanone
Concen: 69.092 ug/l
RT: 11.010 min Scan# 11
Delta R.T. -0.070 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

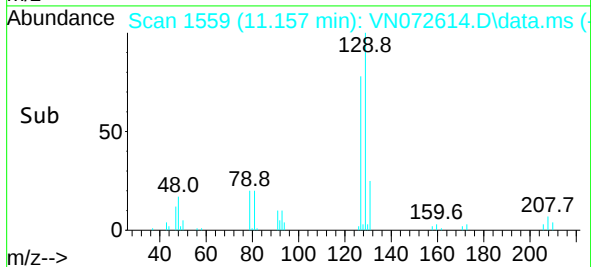
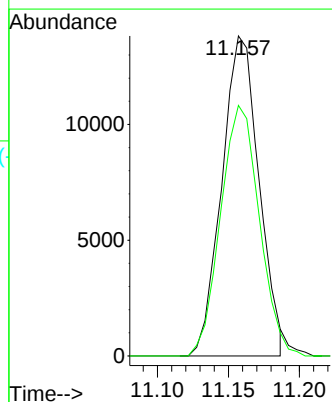
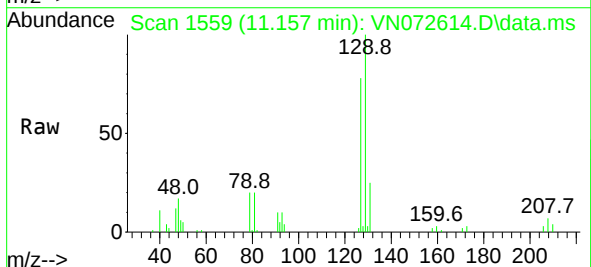
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD02

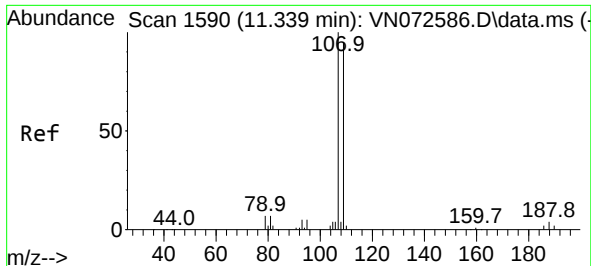
Tgt Ion: 43 Resp: 152604
Ion Ratio Lower Upper
43 100
58 51.6 29.7 89.1



#60
Dibromochloromethane
Concen: 11.286 ug/l
RT: 11.157 min Scan# 1559
Delta R.T. -0.076 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

Tgt Ion: 129 Resp: 25145
Ion Ratio Lower Upper
129 100
127 80.9 38.8 116.4

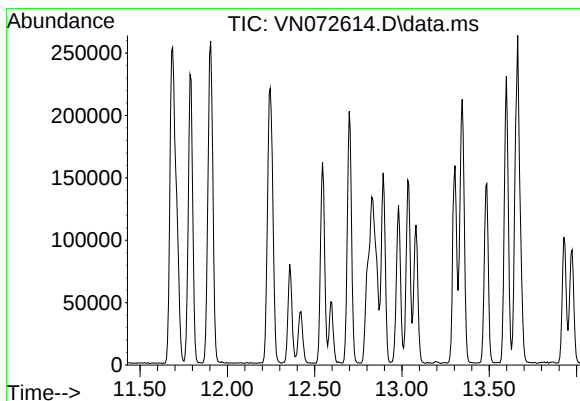
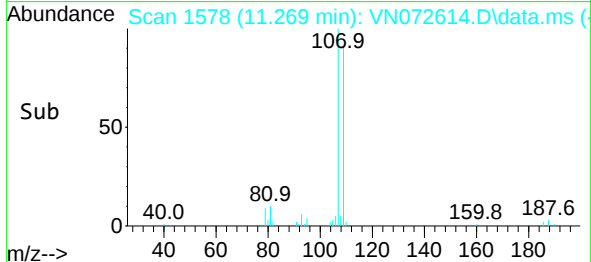
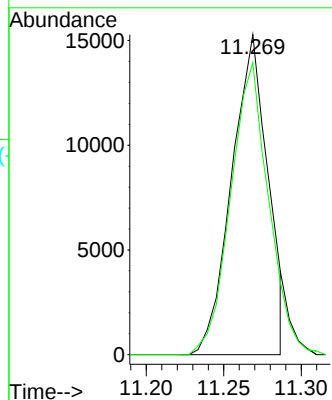
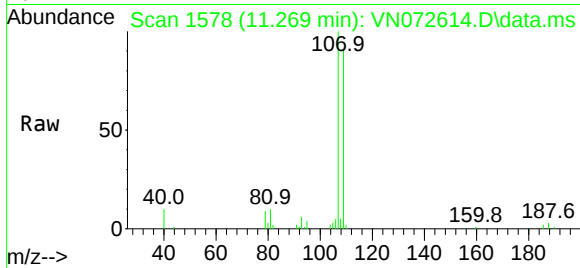




#61
1,2-Dibromoethane
Concen: 11.444 ug/l
RT: 11.269 min Scan# 11
Delta R.T. -0.070 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD02

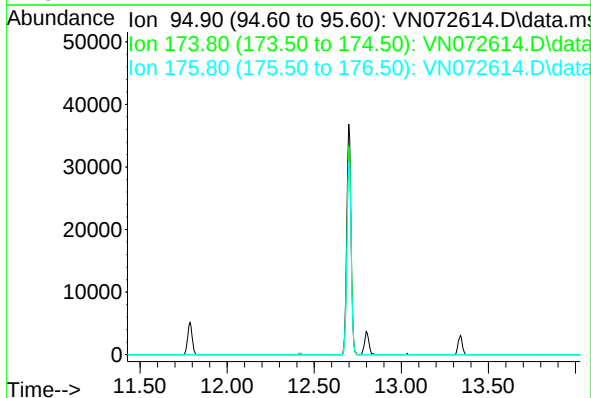
Tgt Ion:107 Resp: 24834
Ion Ratio Lower Upper
107 100
109 92.2 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.73 min

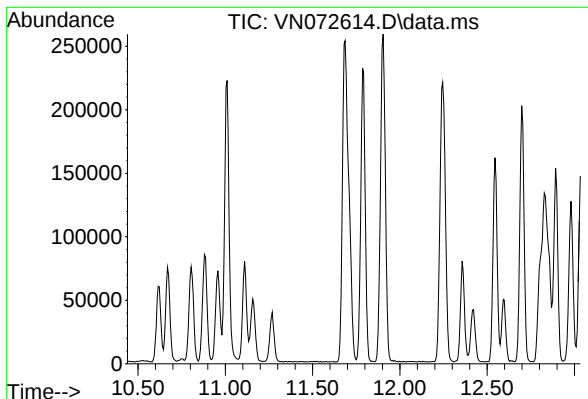
Lab File: VN072614.D
Acq: 25 May 2022 02:34

Tgt Ion: 95
Sig Exp Ratio
95 100
174 83.8
176 81.7



Ion 173.80 (173.50 to 174.50): VN072614.D\data.ms

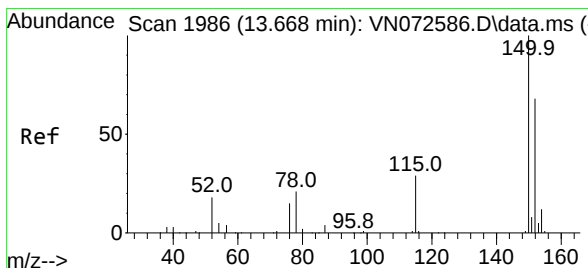
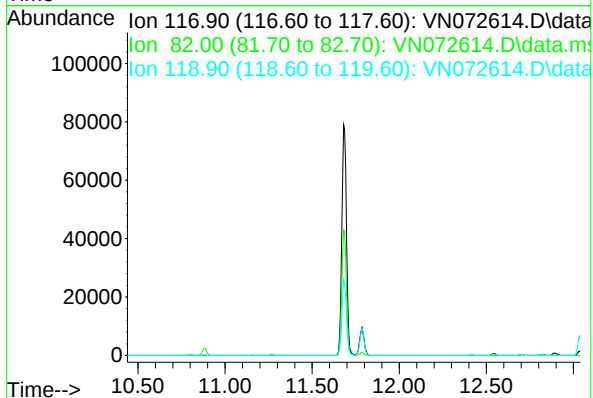
Ion 175.80 (175.50 to 176.50): VN072614.D\data.ms



#63
Chlorobenzene-d5
Concen: 0.000 ug/l
Expected RT: 11.74 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

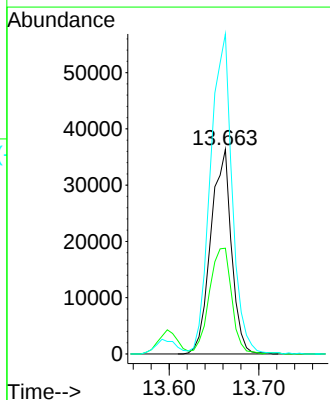
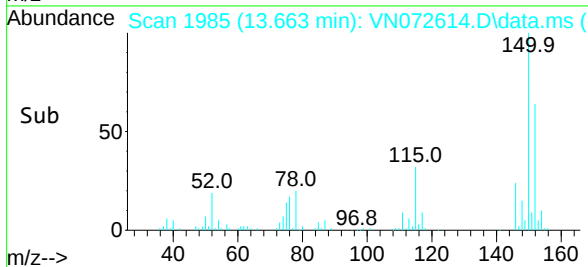
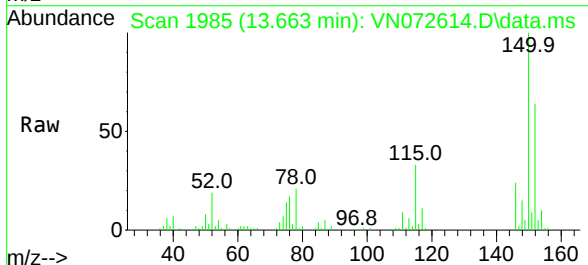
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD02

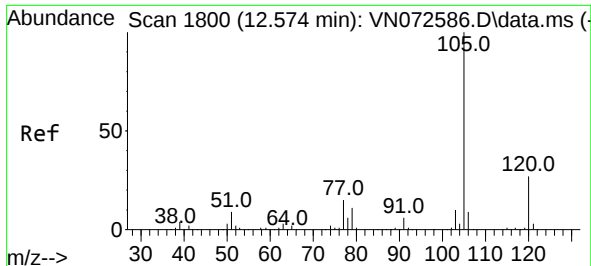
Tgt Ion: 117
Sig Exp Ratio
117 100
82 55.2
119 31.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.663 min Scan# 1985
Delta R.T. -0.005 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

Tgt Ion: 152 Resp: 58170
Ion Ratio Lower Upper
152 100
115 55.9 28.9 86.7
150 163.9 0.0 356.2

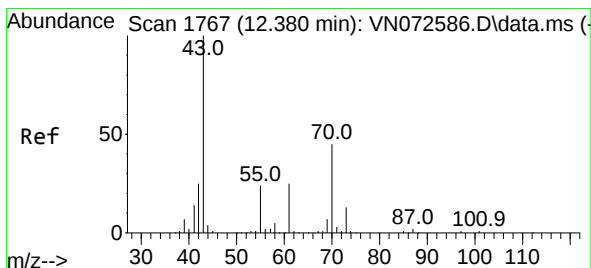
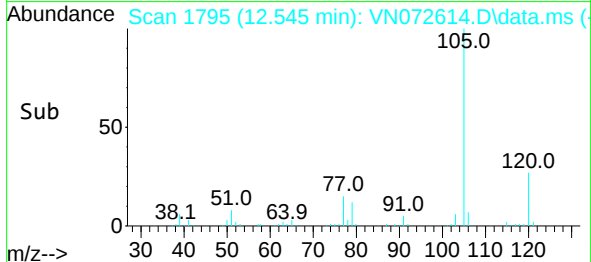
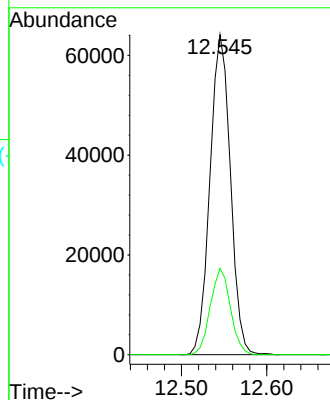
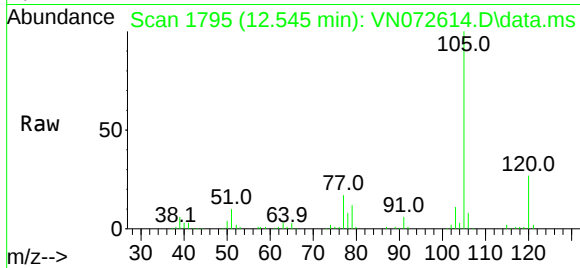




#73
Isopropylbenzene
Concen: 20.628 ug/l
RT: 12.545 min Scan# 1795
Delta R.T. -0.029 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

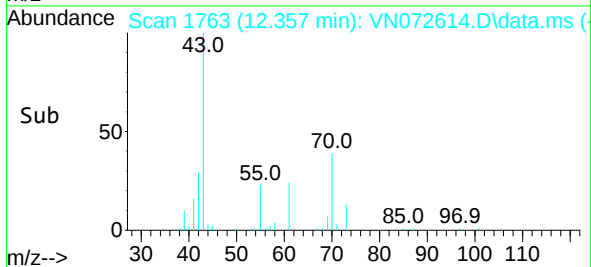
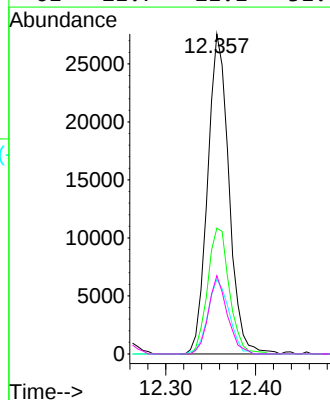
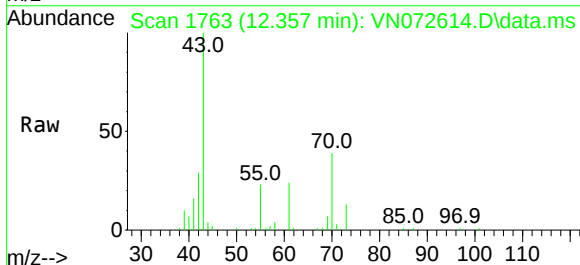
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD02

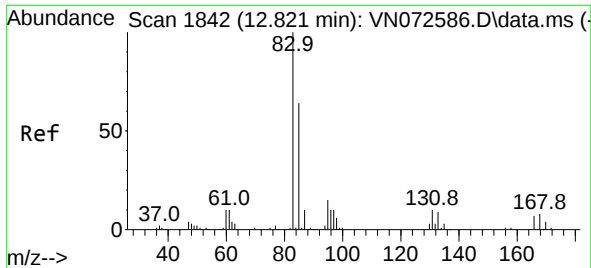
Tgt Ion:105 Resp: 106887
Ion Ratio Lower Upper
105 100
120 26.4 13.5 40.4



#74
N-ethyl acetate
Concen: 24.460 ug/l
RT: 12.357 min Scan# 1763
Delta R.T. -0.023 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

Tgt Ion: 43 Resp: 45493
Ion Ratio Lower Upper
43 100
70 40.2 39.0 58.4
55 23.1 21.1 31.7
61 21.7 21.1 31.7

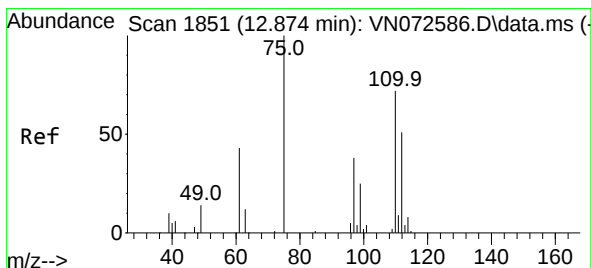
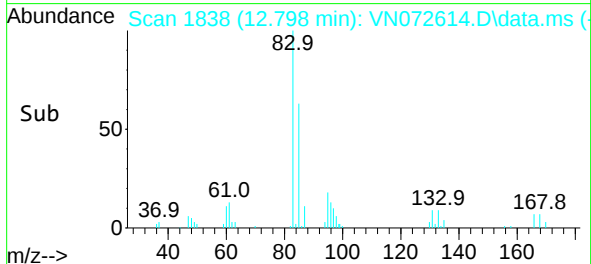
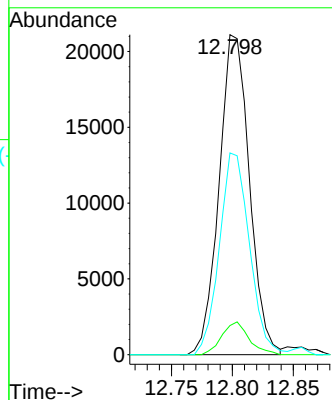
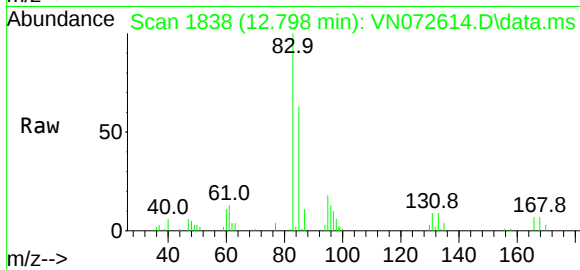




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.987 ug/l
 RT: 12.798 min Scan# 1838
 Delta R.T. -0.023 min
 Lab File: VN072614.D
 Acq: 25 May 2022 02:34

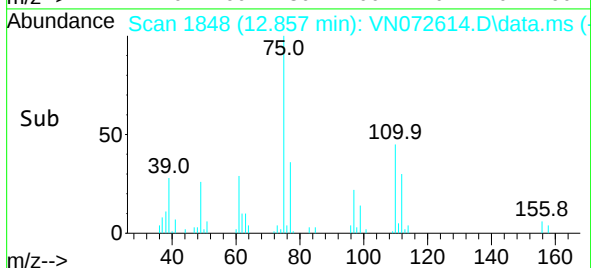
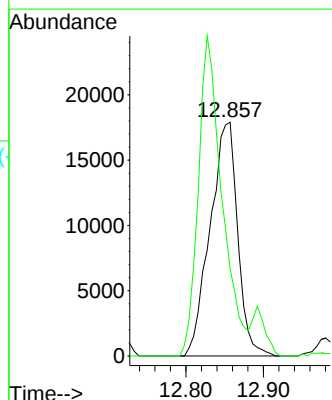
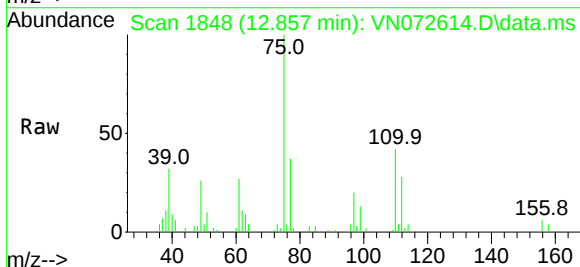
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBSD02

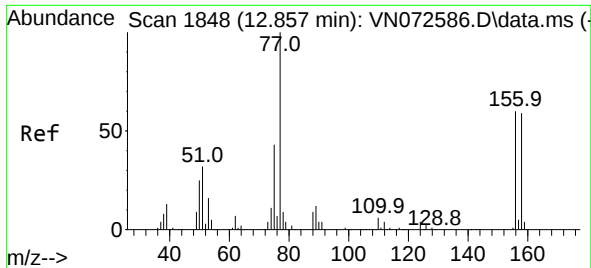
Tgt Ion: 83 Resp: 36573
 Ion Ratio Lower Upper
 83 100
 131 9.2 5.3 15.9
 85 62.7 32.3 96.9



#76
 1,2,3-Trichloropropane
 Concen: 28.073 ug/l
 RT: 12.857 min Scan# 1848
 Delta R.T. -0.017 min
 Lab File: VN072614.D
 Acq: 25 May 2022 02:34

Tgt Ion: 75 Resp: 44335
 Ion Ratio Lower Upper
 75 100
 77 0.0 98.5 295.5#

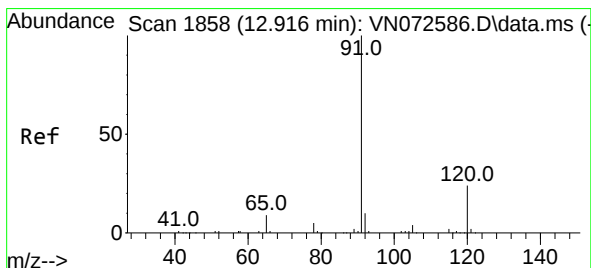
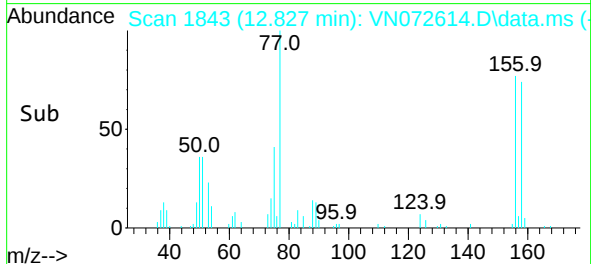
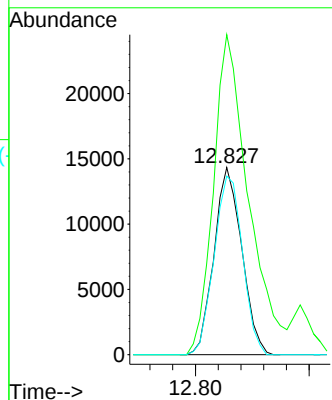
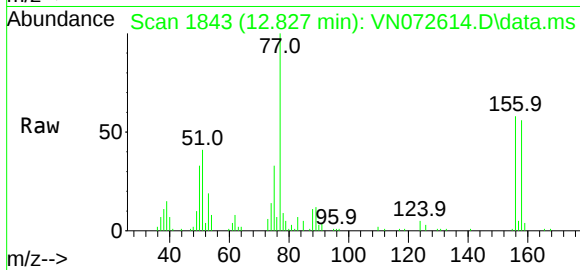




#77
Bromobenzene
Concen: 18.946 ug/l
RT: 12.827 min Scan# 1843
Delta R.T. -0.030 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

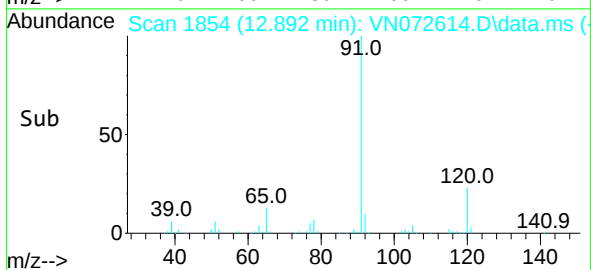
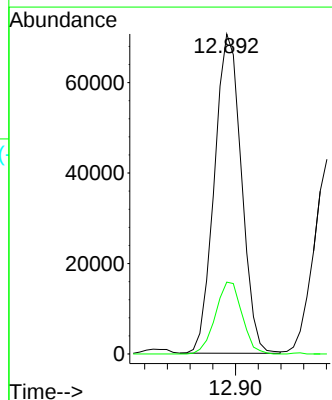
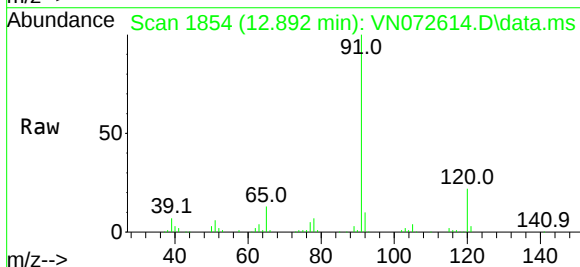
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD02

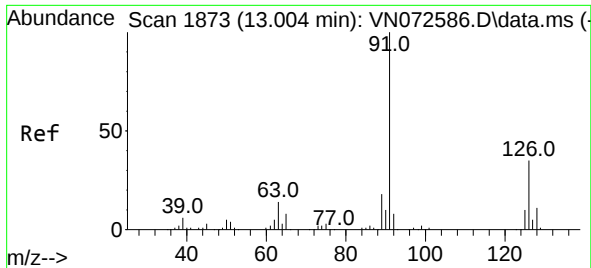
Tgt Ion:156 Resp: 24353
Ion Ratio Lower Upper
156 100
77 214.8 100.5 301.5
158 97.5 48.9 146.6



#78
n-propylbenzene
Concen: 20.274 ug/l
RT: 12.892 min Scan# 1854
Delta R.T. -0.024 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

Tgt Ion: 91 Resp: 116483
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.5

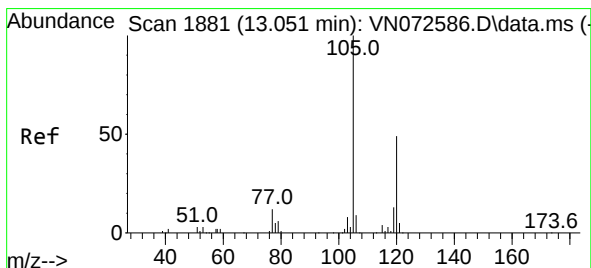
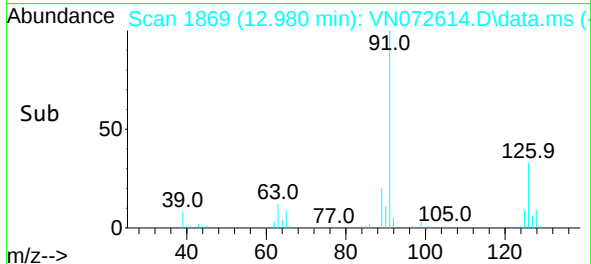
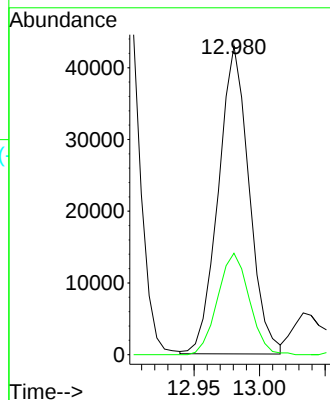
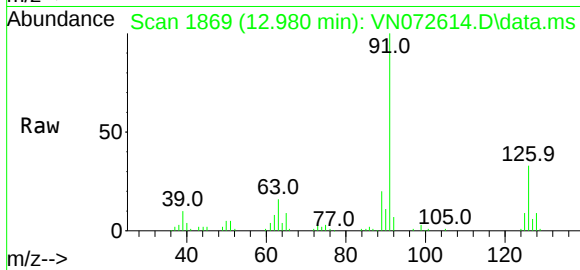




#79
2-Chlorotoluene
Concen: 19.738 ug/l
RT: 12.980 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

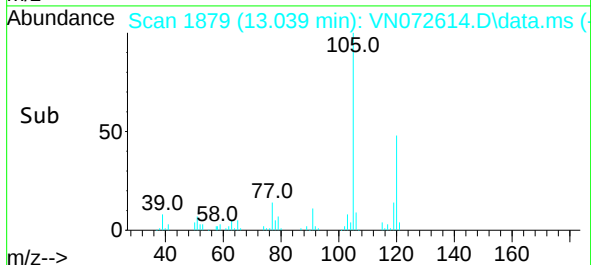
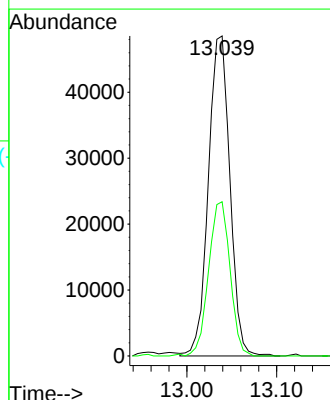
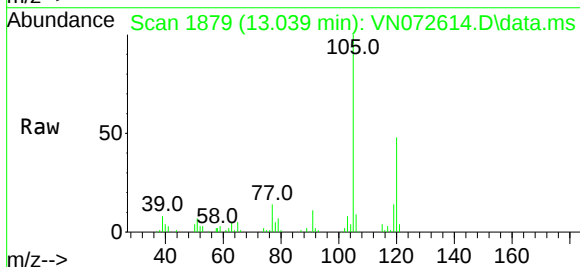
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD02

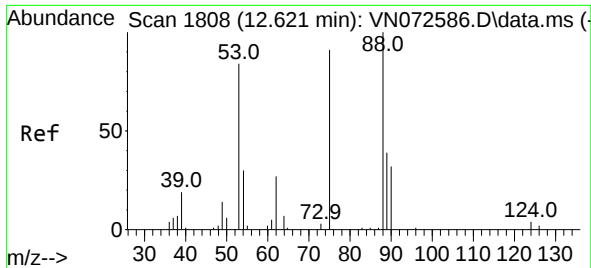
Tgt Ion: 91 Resp: 70058
Ion Ratio Lower Upper
91 100
126 33.8 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 20.048 ug/l
RT: 13.039 min Scan# 1879
Delta R.T. -0.012 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

Tgt Ion: 105 Resp: 80801
Ion Ratio Lower Upper
105 100
120 48.2 24.9 74.7

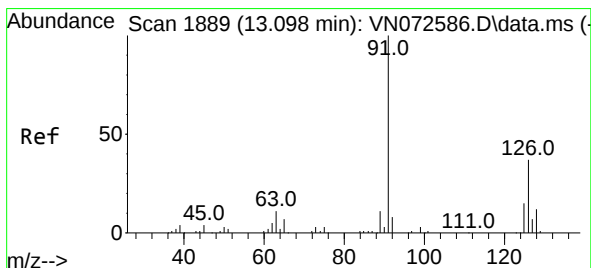
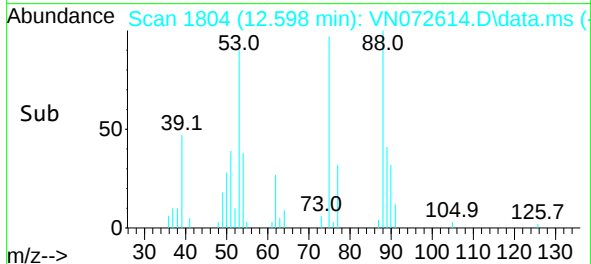
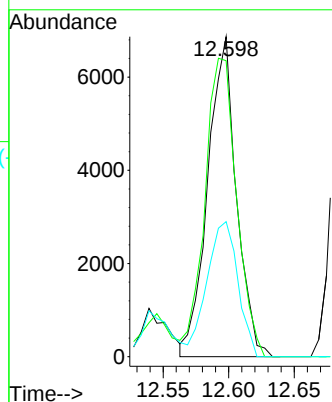
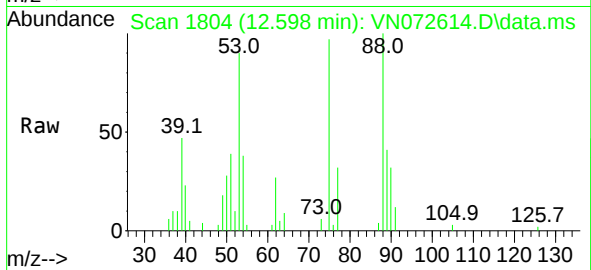




#81
trans-1,4-Dichloro-2-butene
Concen: 19.366 ug/l
RT: 12.598 min Scan# 1804
Delta R.T. -0.023 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

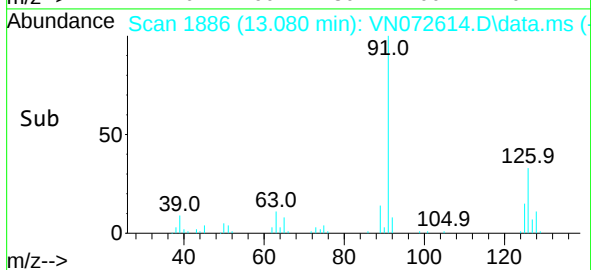
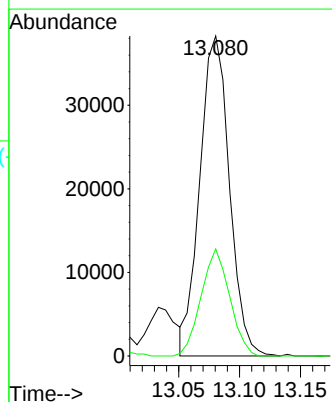
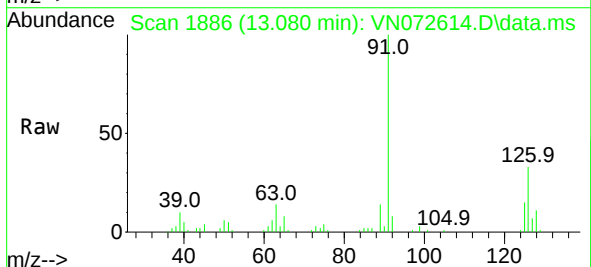
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD02

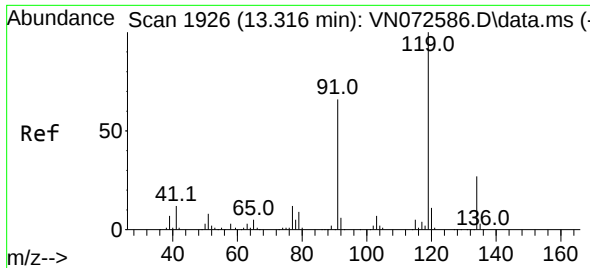
Tgt Ion: 75 Resp: 10422
Ion Ratio Lower Upper
75 100
53 103.4 78.0 117.0
89 45.3 37.2 55.8



#82
4-Chlorotoluene
Concen: 19.927 ug/l
RT: 13.080 min Scan# 1886
Delta R.T. -0.018 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

Tgt Ion: 91 Resp: 64681
Ion Ratio Lower Upper
91 100
126 32.3 17.2 51.6

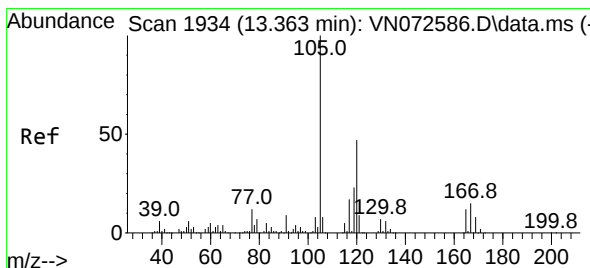
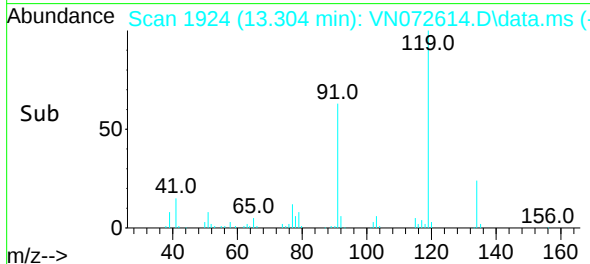
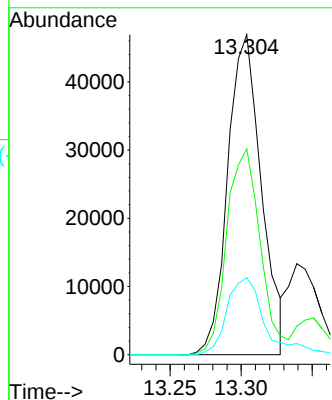
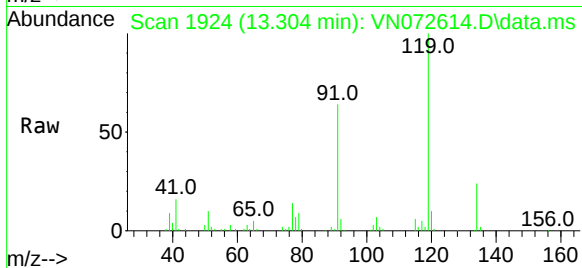




#83
tert-Butylbenzene
Concen: 20.644 ug/l
RT: 13.304 min Scan# 1924
Delta R.T. -0.012 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

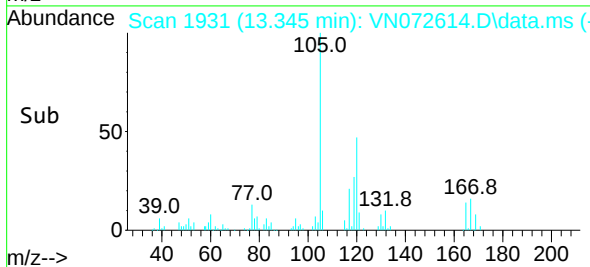
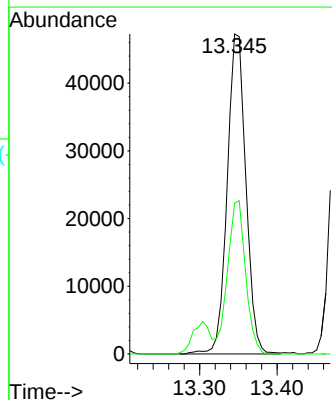
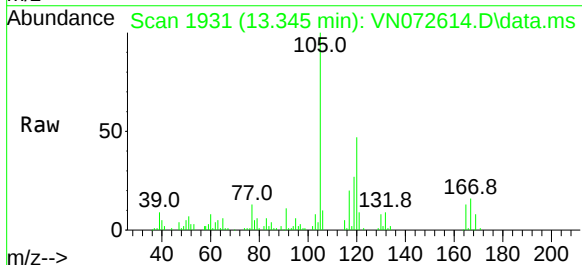
Instrument :
MSVOA_N
ClientSampleId :
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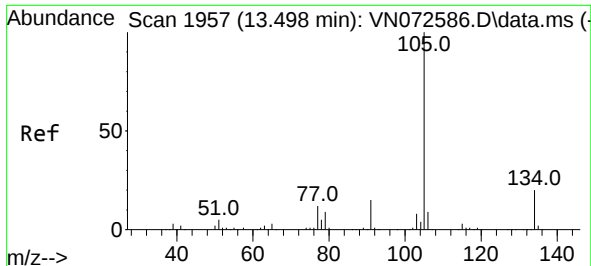
Tgt Ion:119 Resp: 77479
Ion Ratio Lower Upper
119 100
91 64.3 31.6 94.8
134 26.9 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 20.034 ug/l
RT: 13.345 min Scan# 1931
Delta R.T. -0.018 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

Tgt Ion:105 Resp: 79180
Ion Ratio Lower Upper
105 100
120 46.8 23.3 69.8

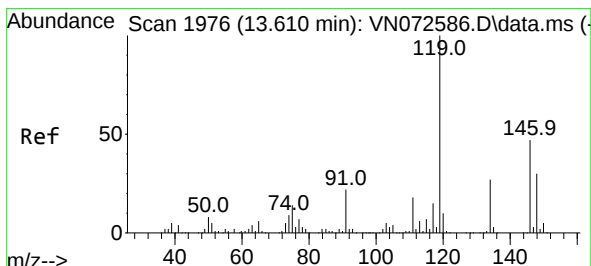
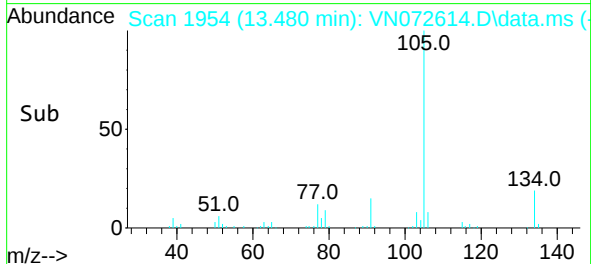
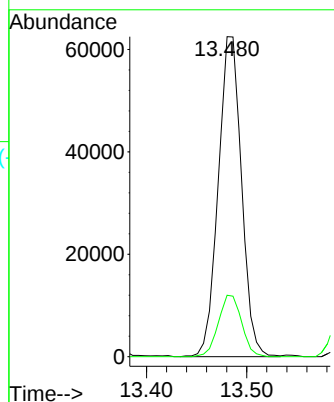
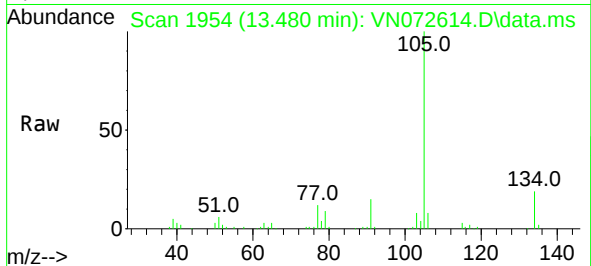




#85
 sec-Butylbenzene
 Concen: 20.065 ug/l
 RT: 13.480 min Scan# 1954
 Delta R.T. -0.018 min
 Lab File: VN072614.D
 Acq: 25 May 2022 02:34

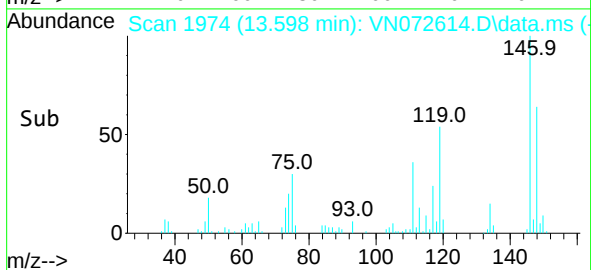
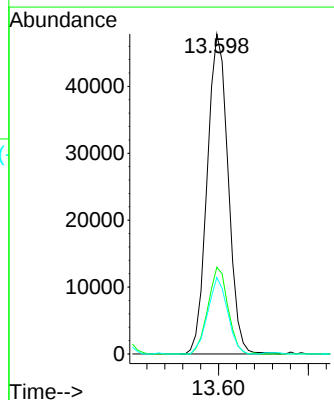
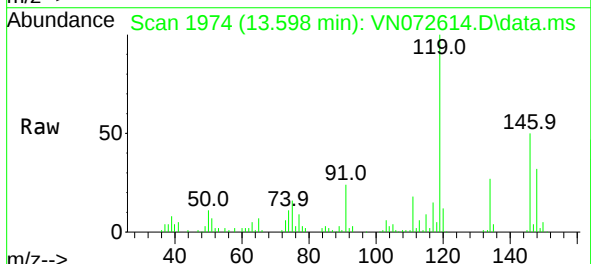
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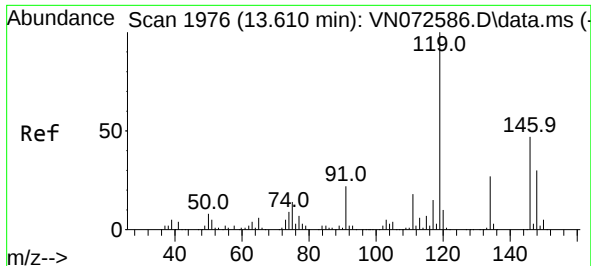
Tgt Ion:105 Resp: 100706
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 19.575 ug/l
 RT: 13.598 min Scan# 1974
 Delta R.T. -0.012 min
 Lab File: VN072614.D
 Acq: 25 May 2022 02:34

Tgt Ion:119 Resp: 77465
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.3 39.8
 91 22.6 11.3 33.9

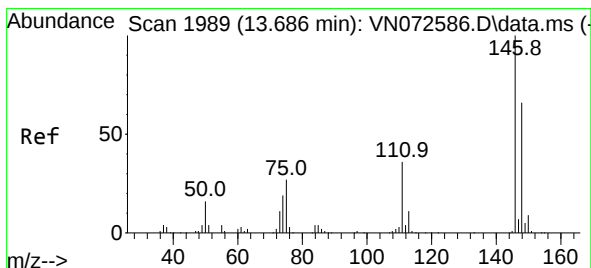
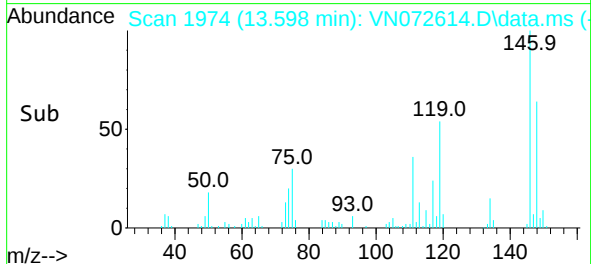
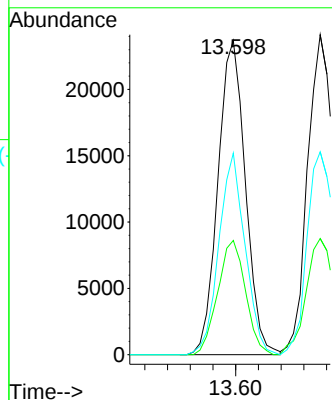
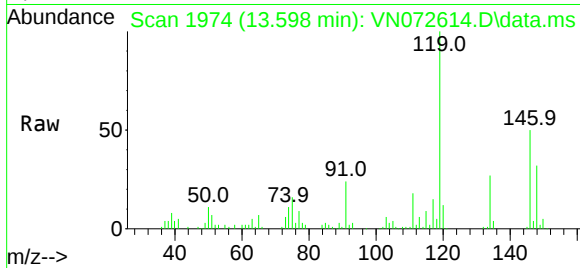




#87
 1,3-Dichlorobenzene
 Concen: 18.360 ug/l
 RT: 13.598 min Scan# 1976
 Delta R.T. -0.012 min
 Lab File: VN072614.D
 Acq: 25 May 2022 02:34

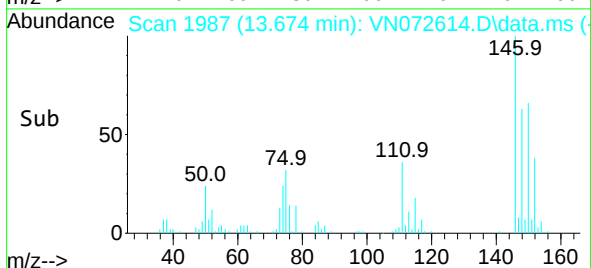
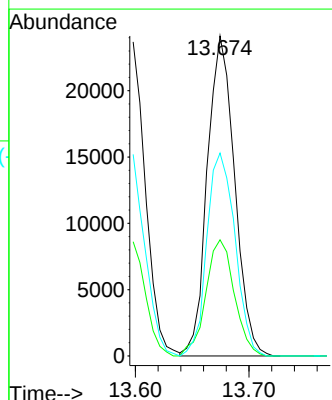
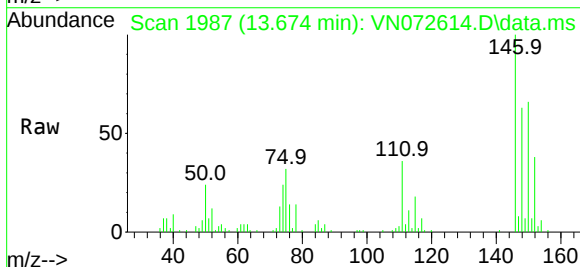
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBSD02

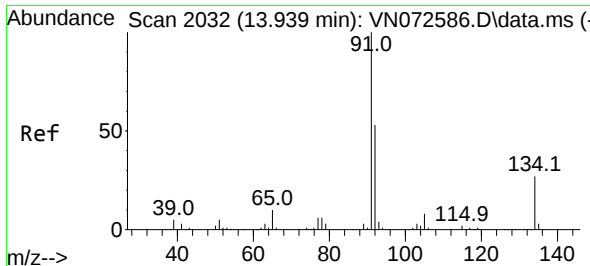
Tgt Ion:146 Resp: 39831
 Ion Ratio Lower Upper
 146 100
 111 36.7 20.0 60.0
 148 61.1 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 18.974 ug/l
 RT: 13.674 min Scan# 1987
 Delta R.T. -0.012 min
 Lab File: VN072614.D
 Acq: 25 May 2022 02:34

Tgt Ion:146 Resp: 40385
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.1 57.1
 148 65.3 31.4 94.3

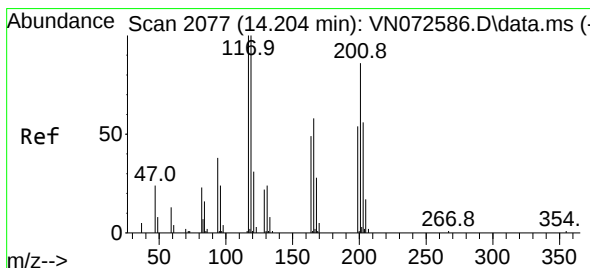
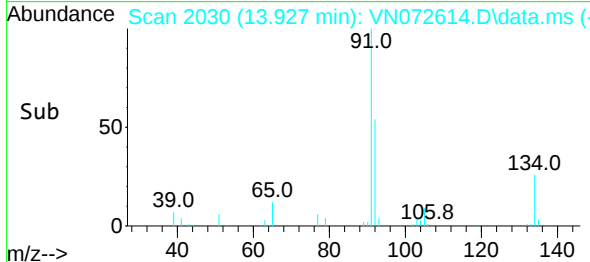
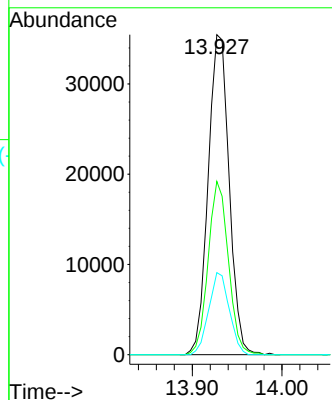
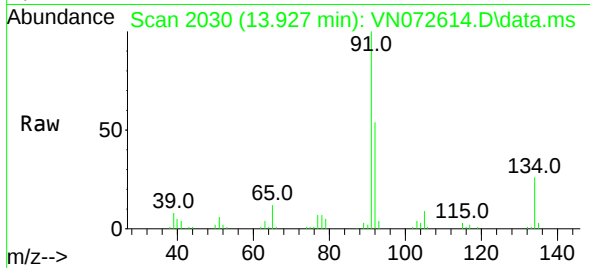




#89
n-Butylbenzene
Concen: 18.052 ug/l
RT: 13.927 min Scan# 2030
Delta R.T. -0.012 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

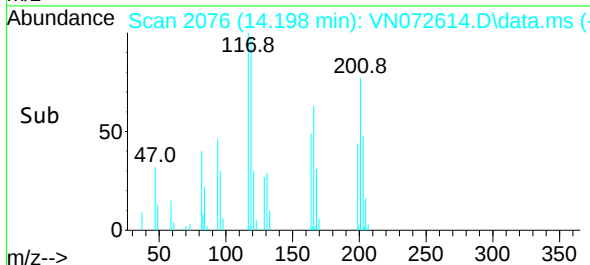
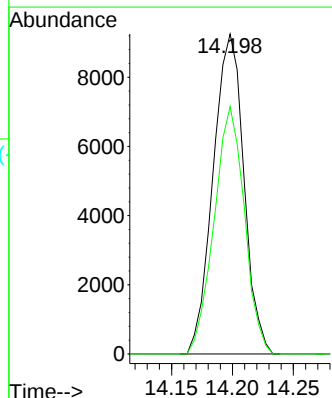
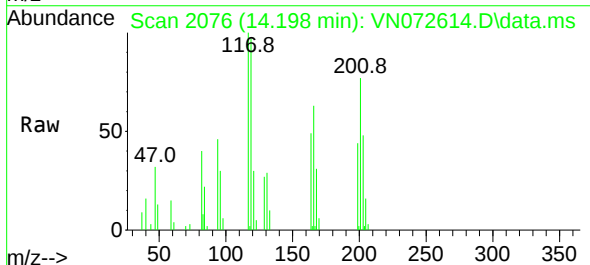
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD02

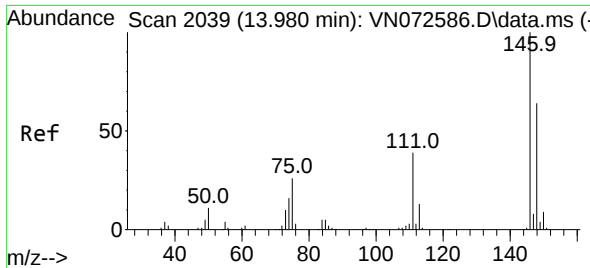
Tgt Ion:	91	Resp:	57641
Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.9	80.7
134	25.0	13.6	40.8



#90
Hexachloroethane
Concen: 20.726 ug/l
RT: 14.198 min Scan# 2076
Delta R.T. -0.006 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

Tgt Ion:	117	Resp:	16215
Ion	Ratio	Lower	Upper
117	100		
201	76.2	40.6	122.0

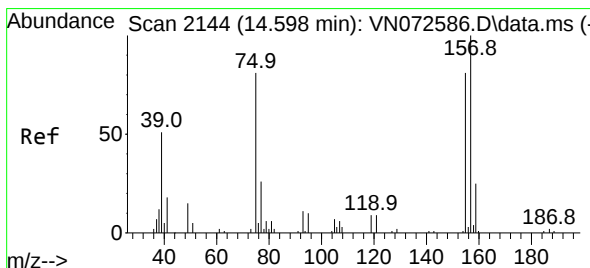
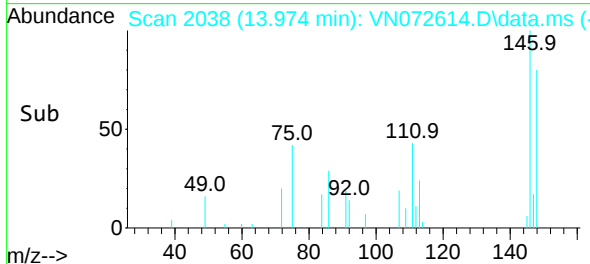
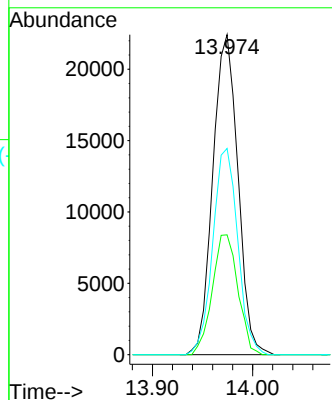
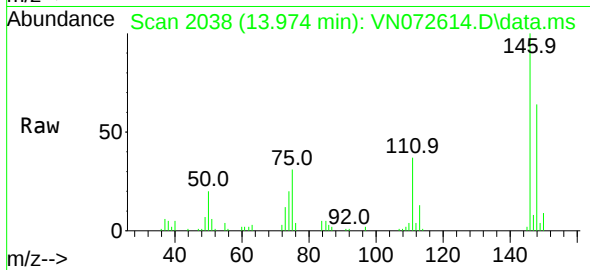




#91
1,2-Dichlorobenzene
Concen: 18.694 ug/l
RT: 13.974 min Scan# 2038
Delta R.T. -0.006 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

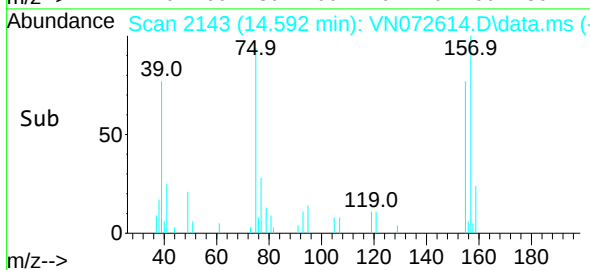
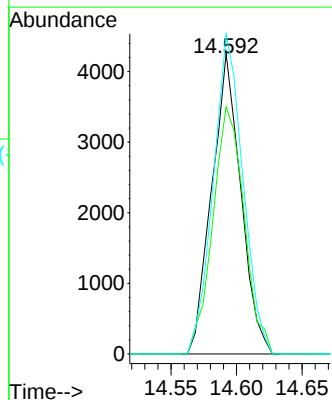
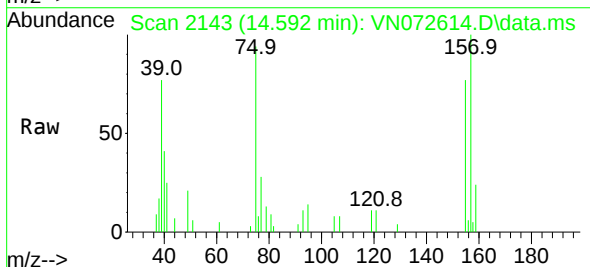
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD02

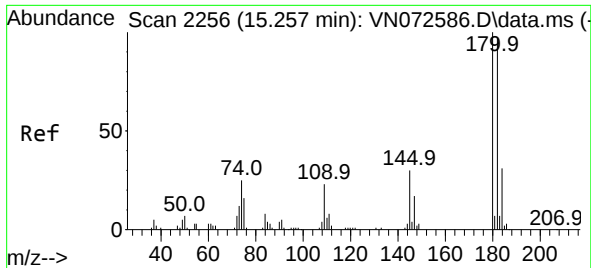
Tgt Ion:146 Resp: 38849
Ion Ratio Lower Upper
146 100
111 38.3 20.9 62.8
148 64.3 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.947 ug/l
RT: 14.592 min Scan# 2143
Delta R.T. -0.006 min
Lab File: VN072614.D
Acq: 25 May 2022 02:34

Tgt Ion: 75 Resp: 6534
Ion Ratio Lower Upper
75 100
155 88.8 44.9 134.5
157 109.5 59.0 176.8

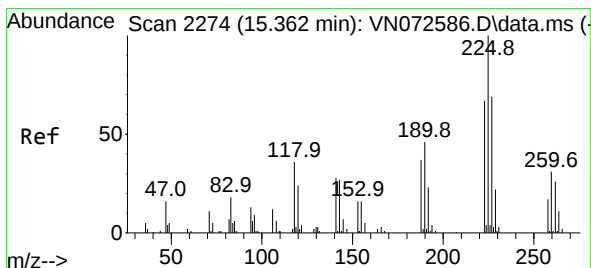
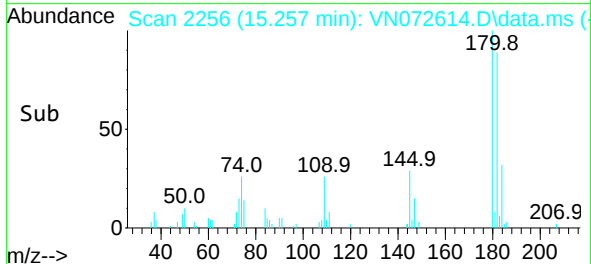
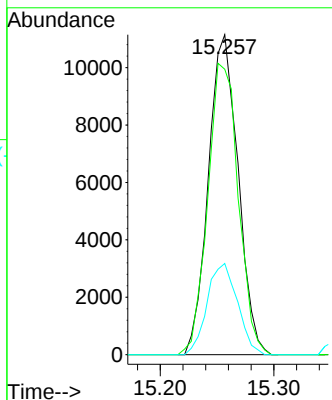
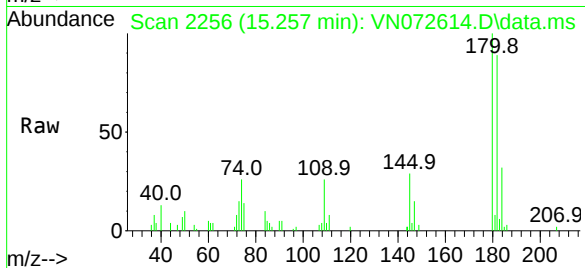




#93
 1,2,4-Trichlorobenzene
 Concen: 18.494 ug/l
 RT: 15.257 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN072614.D
 Acq: 25 May 2022 02:34

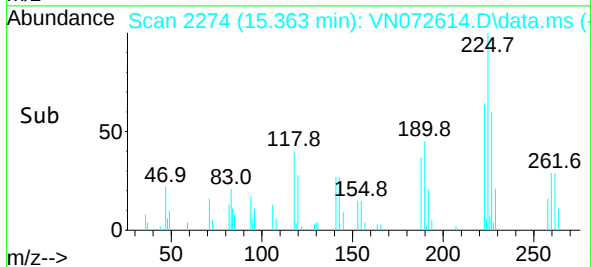
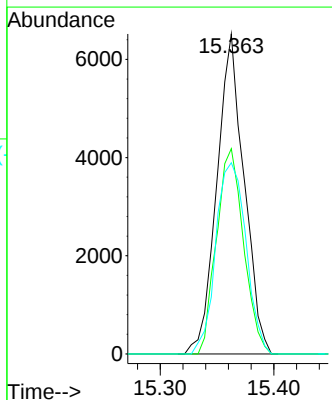
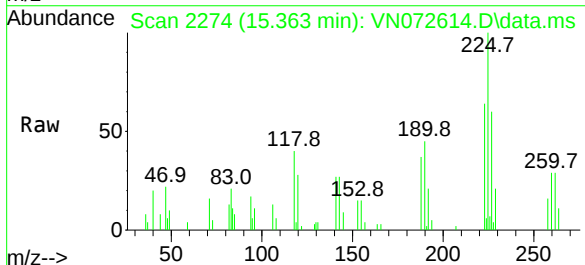
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBSD02

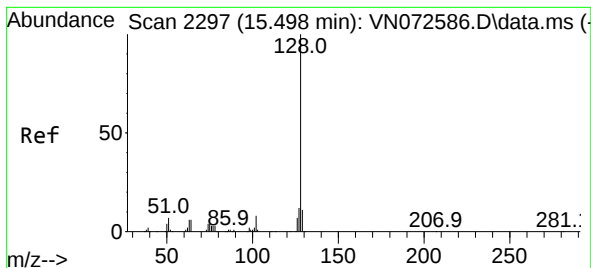
Tgt Ion:180 Resp: 20244
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.5 142.5
 145 29.1 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 16.788 ug/l
 RT: 15.363 min Scan# 2274
 Delta R.T. 0.001 min
 Lab File: VN072614.D
 Acq: 25 May 2022 02:34

Tgt Ion:225 Resp: 10844
 Ion Ratio Lower Upper
 225 100
 223 63.8 32.4 97.2
 227 66.4 31.8 95.4





#95

Naphthalene

Concen: 20.161 ug/l

RT: 15.498 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VN072614.D

Acq: 25 May 2022 02:34

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBSD02

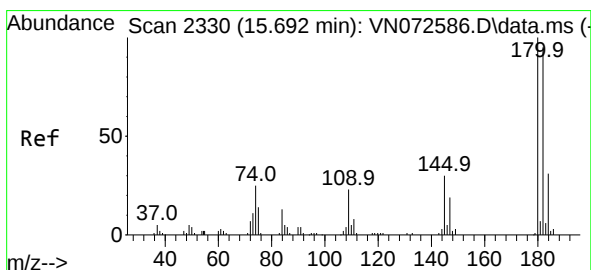
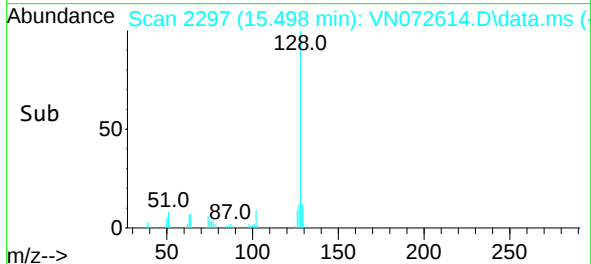
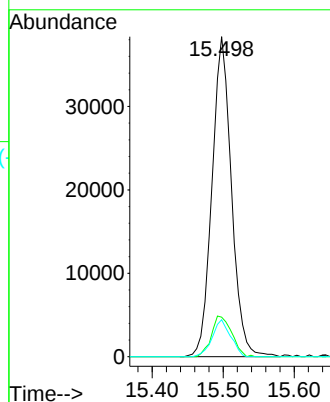
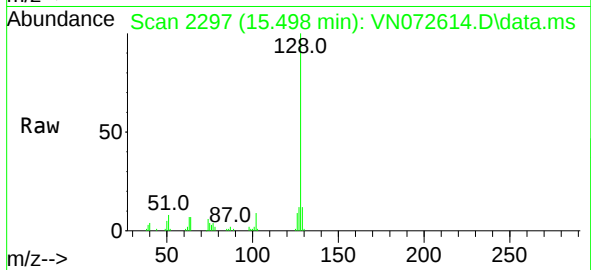
Tgt Ion:128 Resp: 72985

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 17.916 ug/l

RT: 15.692 min Scan# 2330

Delta R.T. -0.000 min

Lab File: VN072614.D

Acq: 25 May 2022 02:34

Tgt Ion:180 Resp: 20997

Ion Ratio Lower Upper

180 100

182 96.6 47.8 143.3

145 29.6 15.5 46.5

