

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081622\
 Data File : VN073962.D
 Acq On : 16 Aug 2022 20:43
 Operator : JC\MD
 Sample : N4203-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 33105

Quant Time: Aug 17 01:23:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.022	168	690124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	1000472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	981897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	575137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	320952	47.748	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.500%		
35) Dibromofluoromethane	7.951	113	316492	53.491	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.980%		
50) Toluene-d8	10.381	98	1071860	46.776	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.560%		
62) 4-Bromofluorobenzene	12.669	95	479606	63.064	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	126.120%#		
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	1425	0.234	ug/l	95
11) Tert butyl alcohol	5.293	59	8895	5.916	ug/l #	80
13) Acrolein	3.981	56	7093	6.740	ug/l	96
14) Allyl chloride	4.775	41	10069	1.248	ug/l #	30
16) Acetone	4.222	43	463271	146.085	ug/l	97
17) Carbon Disulfide	4.457	76	24167	1.866	ug/l	96
18) Methyl Acetate	4.775	43	713983	92.232	ug/l	98
20) Methylene Chloride	5.016	84	86365	12.906	ug/l	96
25) 2-Butanone	7.263	43	183360	36.465	ug/l	100
29) Tetrahydrofuran	7.616	42	135786	42.097	ug/l #	30
31) Cyclohexane	8.010	56	11272	1.203	ug/l #	18
36) 1,1-Dichloropropene	8.022	75	42572	5.180	ug/l #	49
37) Ethyl Acetate	7.340	43	93655	9.407	ug/l	99
38) Carbon Tetrachloride	8.022	117	59351	6.318	ug/l #	16
39) Methylcyclohexane	9.392	83	8533	0.829	ug/l	91
41) Methacrylonitrile	7.616	41	46047	10.234	ug/l #	38
42) 1,2-Dichloroethane	8.487	62	2267	0.254	ug/l #	74
43) Isopropyl Acetate	8.498	43	309863	21.847	ug/l #	92
48) Methyl methacrylate	9.475	41	58239	9.596	ug/l #	37
49) 1,4-Dioxane	9.516	88	314	1.740	ug/l #	25
51) 4-Methyl-2-Pentanone	10.269	43	262743	27.399	ug/l	99
52) Toluene	10.445	92	25398	1.428	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	84060	8.104	ug/l #	60
57) 1,3-Dichloropropane	11.033	76	10545	0.937	ug/l #	42
59) 2-Hexanone	11.033	43	166357	22.541	ug/l	71
67) Ethyl Benzene	11.786	91	36631	1.056	ug/l	94
68) m/p-Xylenes	11.892	106	31309	2.220	ug/l	91
69) o-Xylene	12.222	106	13029	0.921	ug/l	97
71) Bromoform	12.663	173	1414	0.200	ug/l #	28
73) Isopropylbenzene	12.522	105	21746	0.519	ug/l	99
74) N-amyl acetate	12.310	43	137419	8.680	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	12.751	83	8743	0.622	ug/l #	25
76) 1,2,3-Trichloropropane	12.675	75	234412	19.609	ug/l #	1
78) n-propylbenzene	12.863	91	88912	1.992	ug/l	99
79) 2-Chlorotoluene	12.922	91	27835	1.001	ug/l #	46
80) 1,3,5-Trimethylbenzene	12.998	105	259716	7.624	ug/l	99

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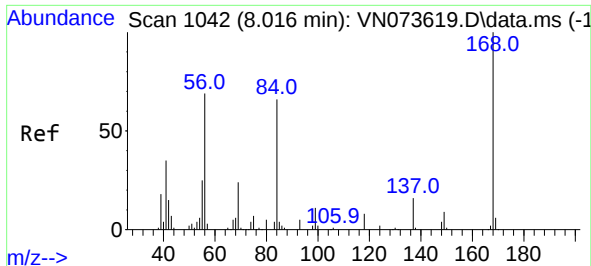
Instrument :
 MSVOA_N
 ClientSampleId :
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Quant Time: Aug 17 01:23:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
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 Response via : Initial Calibration

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

81) trans-1,4-Dichloro-2-b...	12.675	75	234412	55.772	ug/l #	11
82) 4-Chlorotoluene	12.998	91	32070	1.214	ug/l #	65
83) tert-Butylbenzene	13.310	119	163752	5.224	ug/l #	63
84) 1,2,4-Trimethylbenzene	13.310	105	1333067	39.188	ug/l	97
85) sec-Butylbenzene	13.439	105	158654	3.905	ug/l	78
86) p-Isopropyltoluene	13.557	119	193573	5.592	ug/l #	78
89) n-Butylbenzene	13.880	91	218927	7.985	ug/l #	76
90) Hexachloroethane	14.157	117	54100	8.550	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.563	75	1261	0.380	ug/l #	22
93) 1,2,4-Trichlorobenzene	15.198	180	2728	0.221	ug/l #	1
95) Naphthalene	15.439	128	181759	4.512	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.651	180	13410	1.050	ug/l #	1

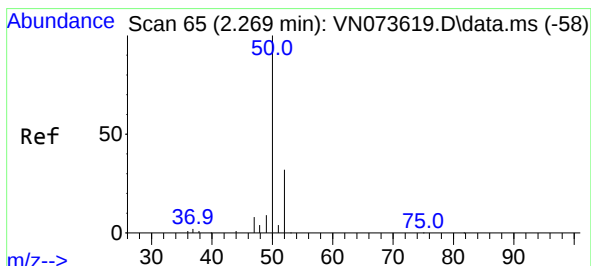
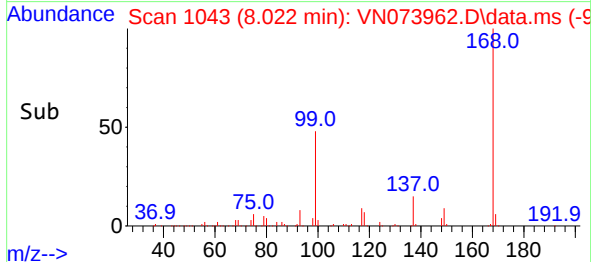
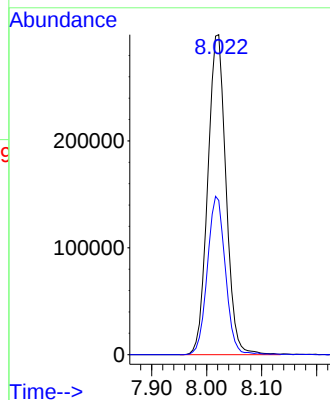
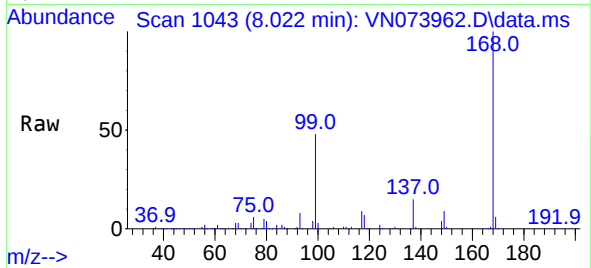
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

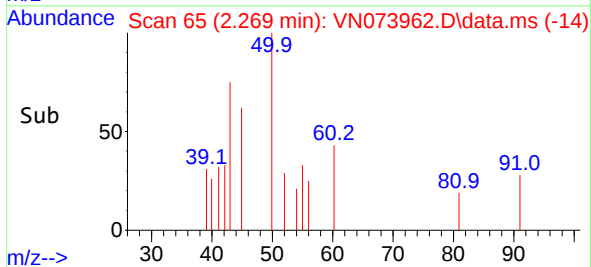
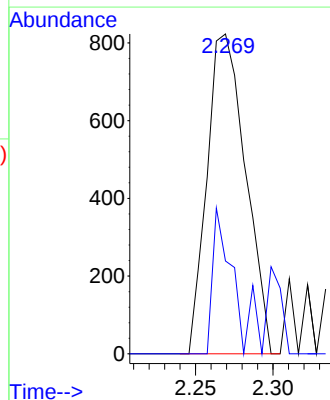
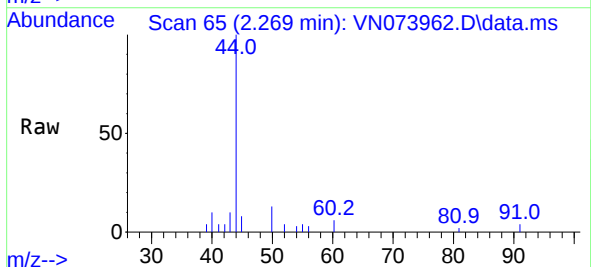
Instrument :
MSVOA_N
ClientSampleId :
33105

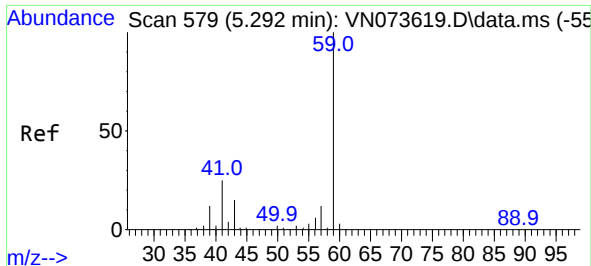
Tgt Ion:168 Resp: 690124
Ion Ratio Lower Upper
168 100
99 48.2 42.3 63.5



#3
Chloromethane
Concen: 0.234 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

Tgt Ion: 50 Resp: 1425
Ion Ratio Lower Upper
50 100
52 29.0 25.7 38.5





#11

Tert butyl alcohol

Concen: 5.916 ug/l

RT: 5.293 min Scan# 51

Delta R.T. 0.001 min

Lab File: VN073962.D

Acq: 16 Aug 2022 20:43

Instrument :

MSVOA_N

ClientSampleId :

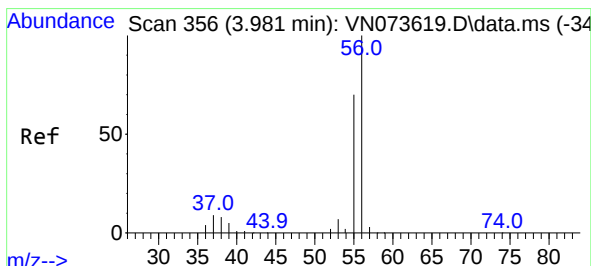
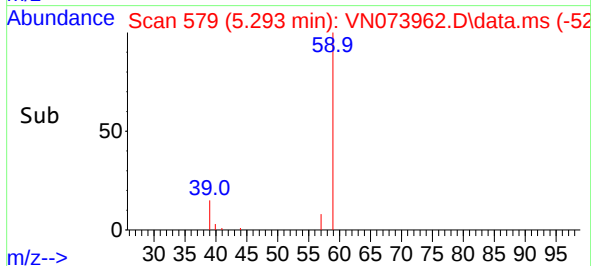
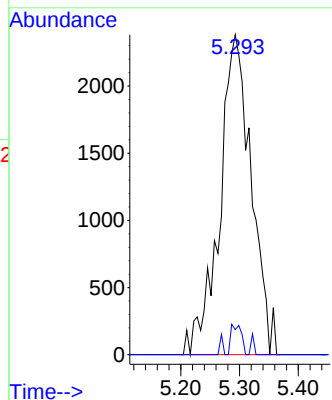
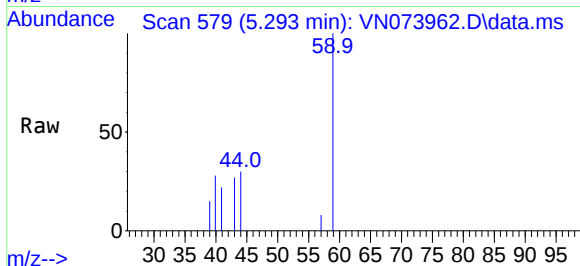
33105

Tgt Ion: 59 Resp: 8895

Ion Ratio Lower Upper

59 100

57 3.1 8.3 12.5#



#13

Acrolein

Concen: 6.740 ug/l

RT: 3.981 min Scan# 356

Delta R.T. -0.000 min

Lab File: VN073962.D

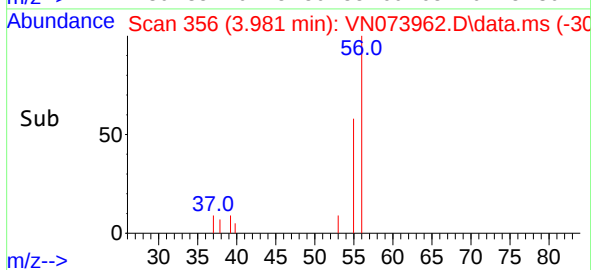
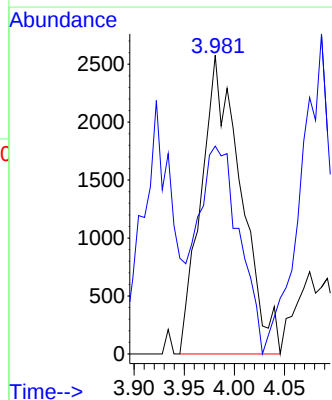
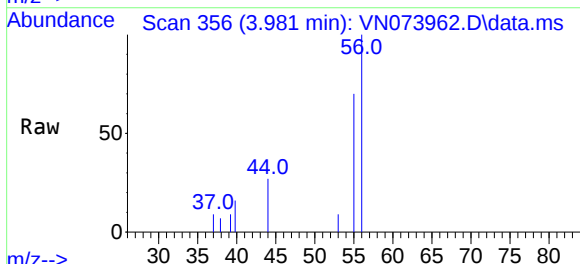
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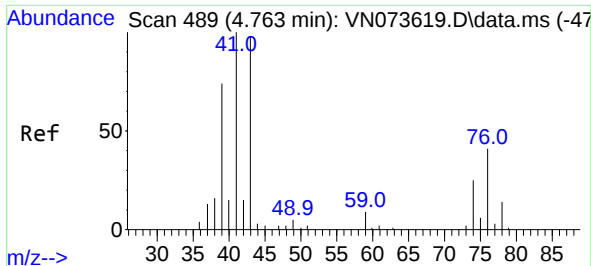
Tgt Ion: 56 Resp: 7093

Ion Ratio Lower Upper

56 100

55 71.7 54.8 82.2

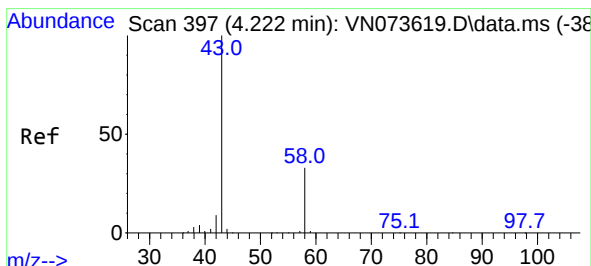
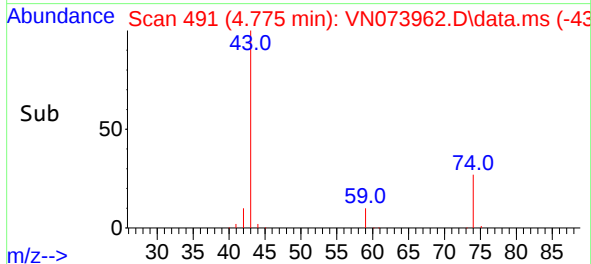
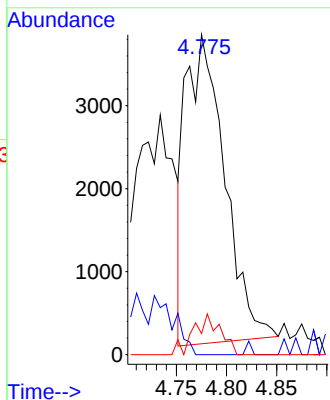
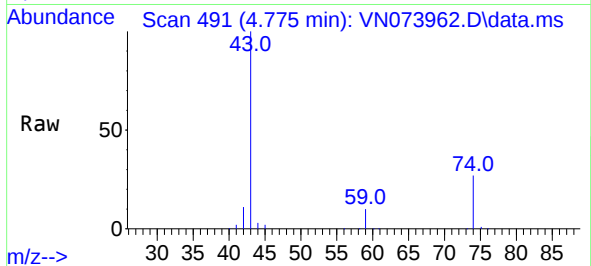




#14
 Allyl chloride
 Concen: 1.248 ug/l
 RT: 4.775 min Scan# 491
 Delta R.T. 0.012 min
 Lab File: VN073962.D
 Acq: 16 Aug 2022 20:43

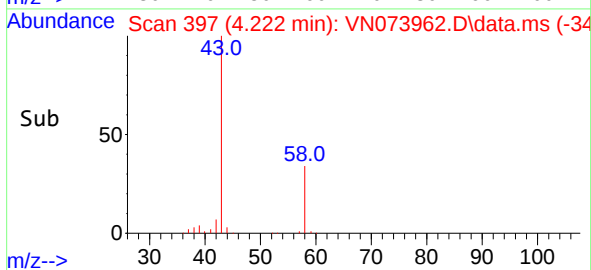
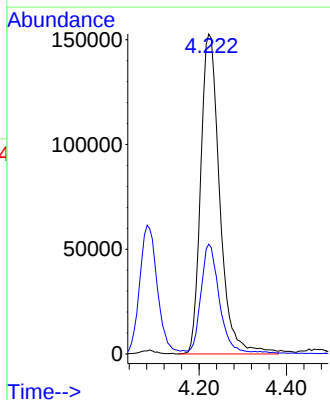
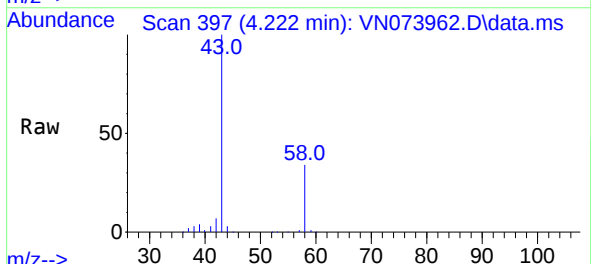
Instrument :
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 ClientSampleId :
 33105

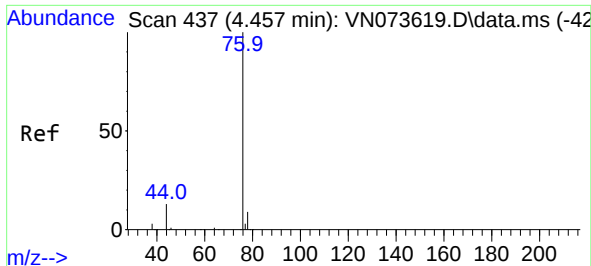
Tgt Ion: 41 Resp: 10069
 Ion Ratio Lower Upper
 41 100
 39 0.0 53.2 79.8#
 76 9.0 29.9 44.9#



#16
 Acetone
 Concen: 146.085 ug/l
 RT: 4.222 min Scan# 397
 Delta R.T. 0.000 min
 Lab File: VN073962.D
 Acq: 16 Aug 2022 20:43

Tgt Ion: 43 Resp: 463271
 Ion Ratio Lower Upper
 43 100
 58 34.0 26.0 39.0

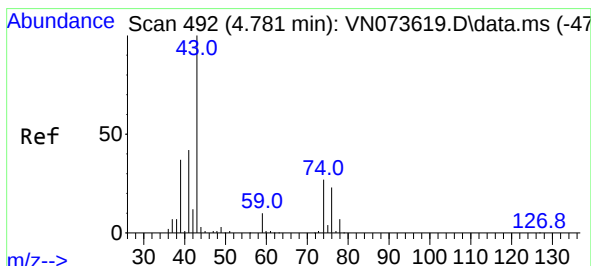
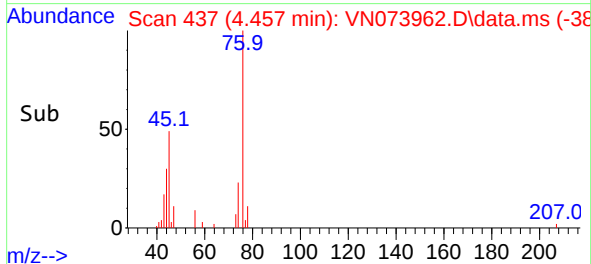
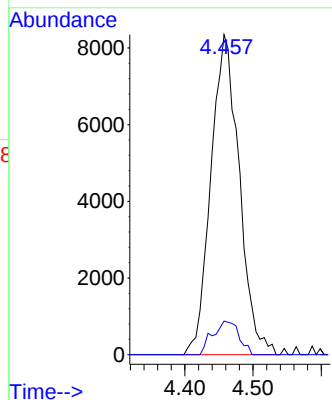
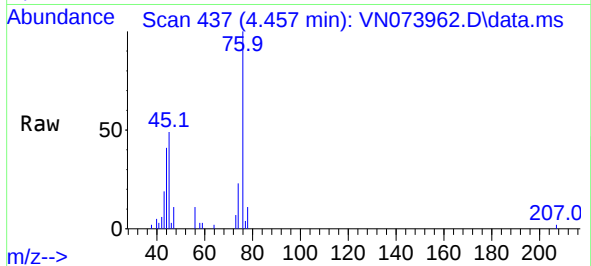




#17
Carbon Disulfide
Concen: 1.866 ug/l
RT: 4.457 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

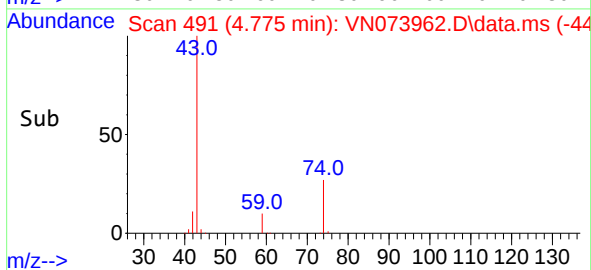
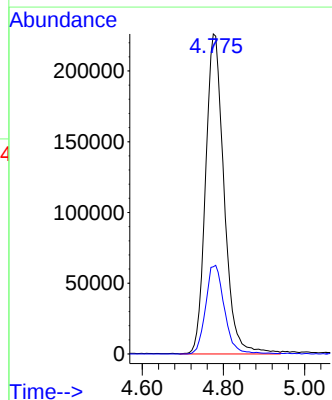
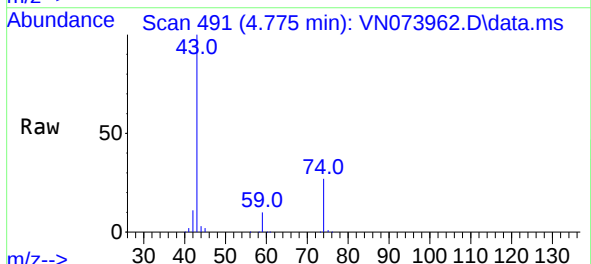
Instrument :
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ClientSampleId :
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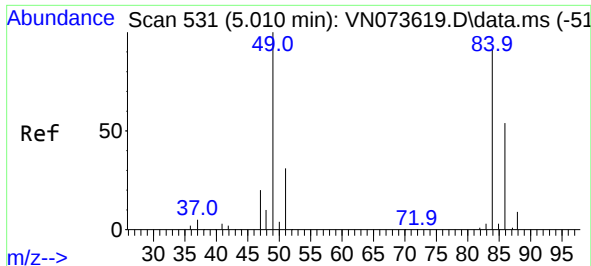
Tgt Ion: 76 Resp: 24167
Ion Ratio Lower Upper
76 100
78 10.5 7.2 10.8



#18
Methyl Acetate
Concen: 92.232 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

Tgt Ion: 43 Resp: 713983
Ion Ratio Lower Upper
43 100
74 27.8 21.6 32.4



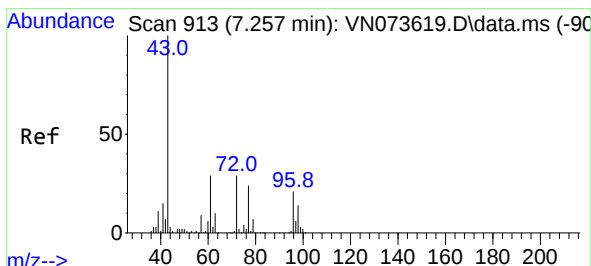
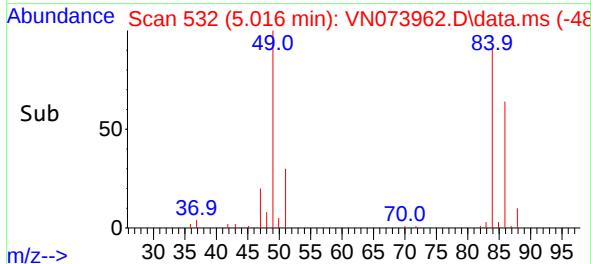
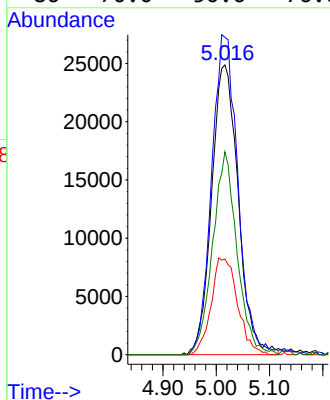
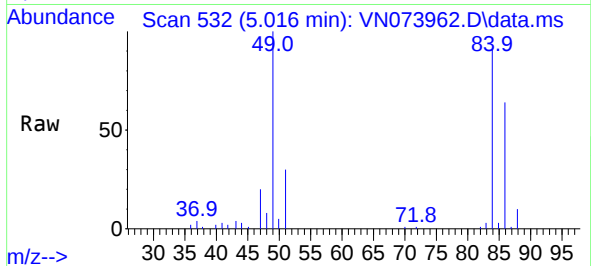


#20
Methylene Chloride
Concen: 12.906 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

Instrument :
MSVOA_N
ClientSampleId :
33105

Tgt Ion: 84 Resp: 86365

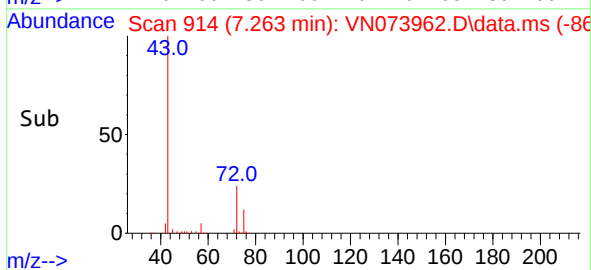
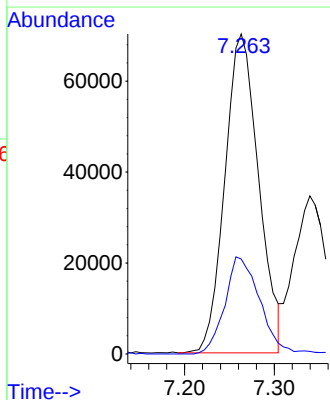
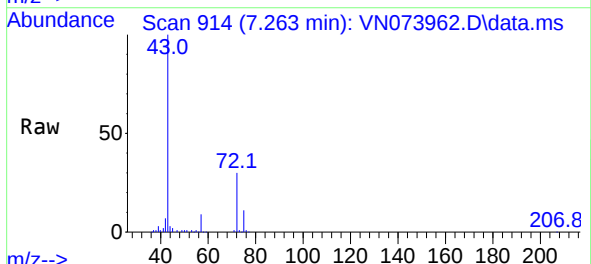
Ion	Ratio	Lower	Upper
84	100		
49	109.5	88.3	132.5
51	33.0	28.2	42.2
86	70.0	50.6	76.0

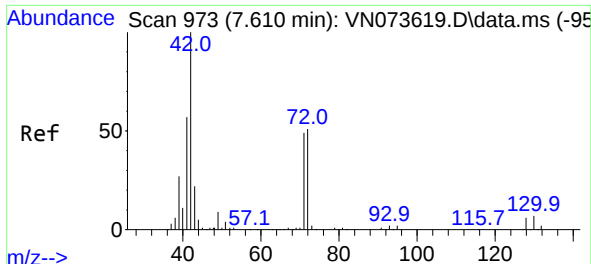


#25
2-Butanone
Concen: 36.465 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

Tgt Ion: 43 Resp: 183360

Ion	Ratio	Lower	Upper
43	100		
72	29.8	23.7	35.5





#29

Tetrahydrofuran

Concen: 42.097 ug/l

RT: 7.616 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN073962.D

Acq: 16 Aug 2022 20:43

Instrument :

MSVOA_N

ClientSampleId :

33105

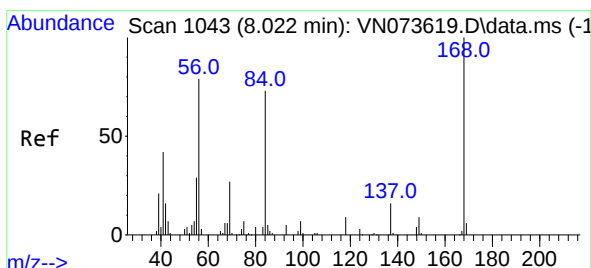
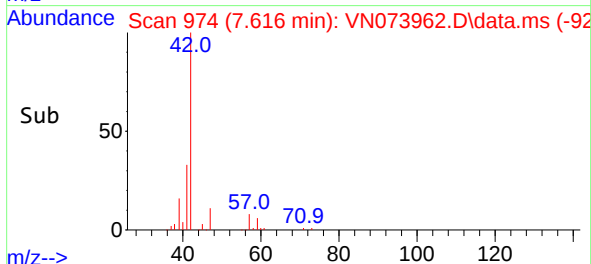
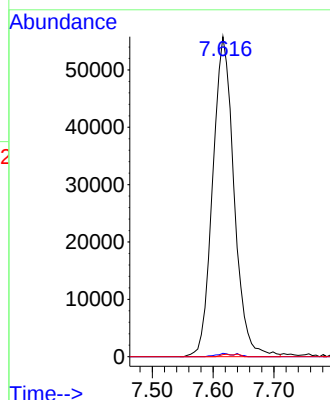
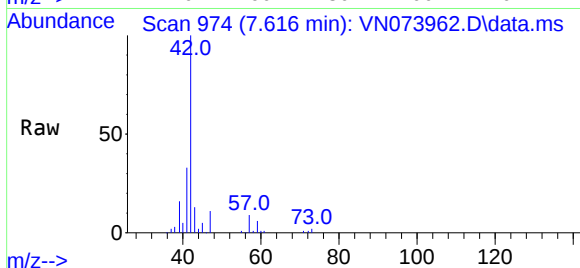
Tgt Ion: 42 Resp: 135786

Ion Ratio Lower Upper

42 100

72 0.7 39.7 59.5#

71 0.3 36.6 55.0#



#31

Cyclohexane

Concen: 1.203 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.012 min

Lab File: VN073962.D

Acq: 16 Aug 2022 20:43

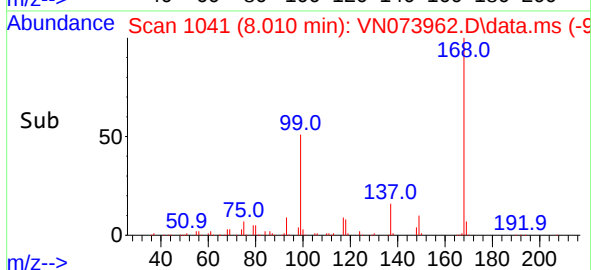
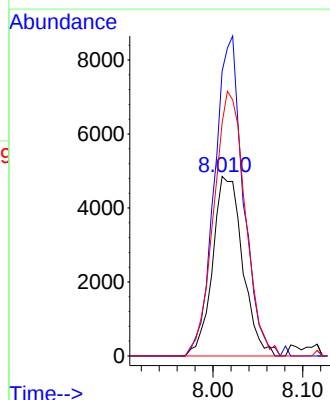
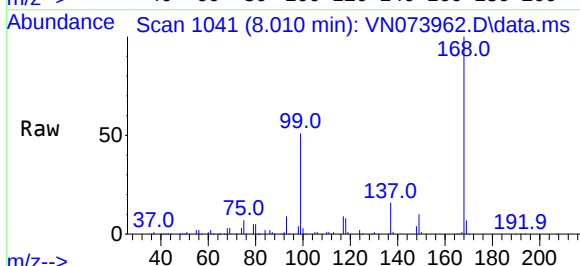
Tgt Ion: 56 Resp: 11272

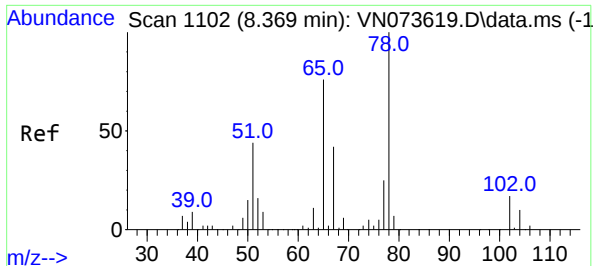
Ion Ratio Lower Upper

56 100

69 158.7 27.8 41.8#

84 129.8 76.9 115.3#

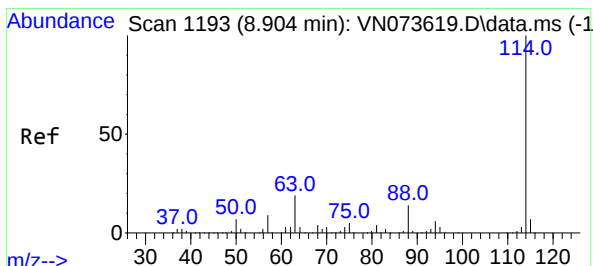
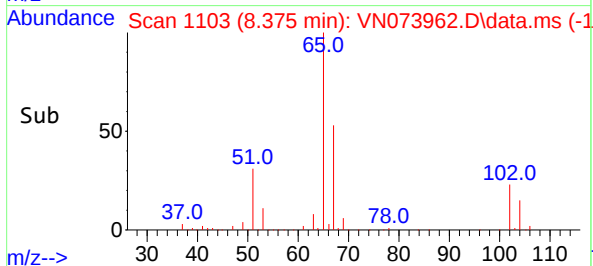
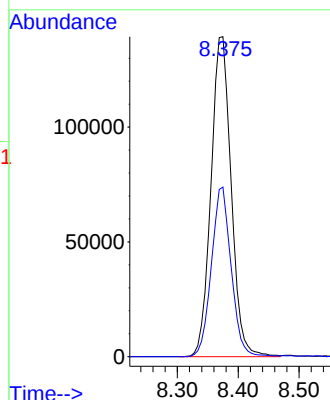
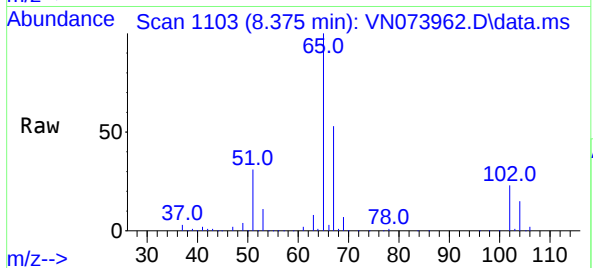




#33
1,2-Dichloroethane-d4
Concen: 47.748 ug/l
RT: 8.375 min Scan# 1102
Delta R.T. 0.006 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

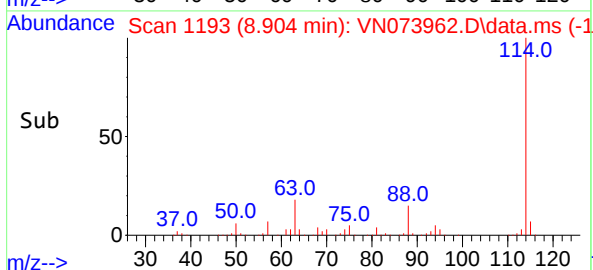
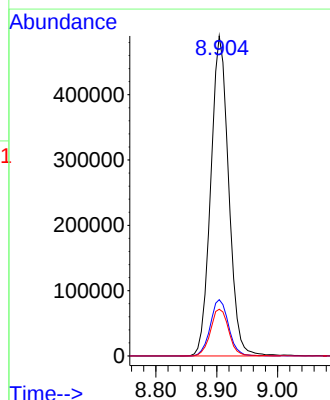
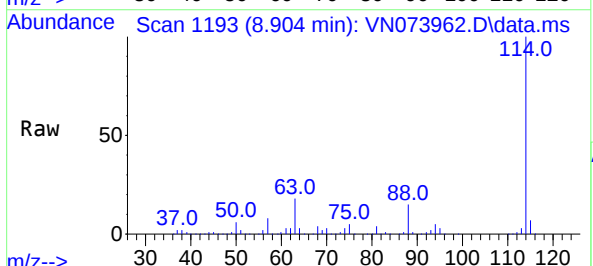
Instrument :
MSVOA_N
ClientSampleId :
33105

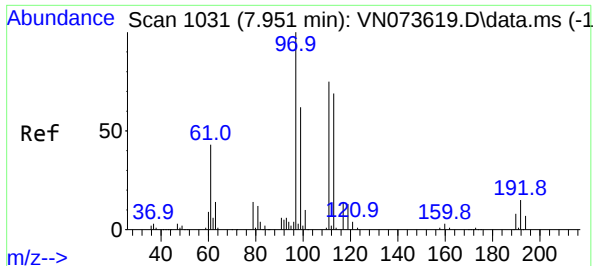
Tgt Ion: 65 Resp: 320952
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

Tgt Ion: 114 Resp: 1000472
Ion Ratio Lower Upper
114 100
63 17.6 0.0 40.0
88 14.6 0.0 32.6

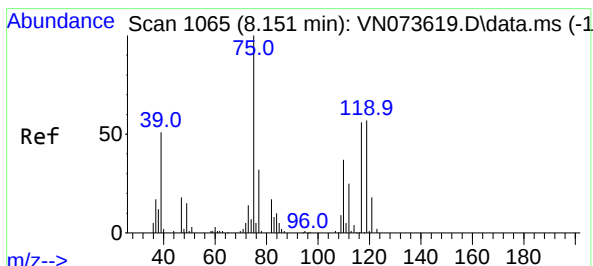
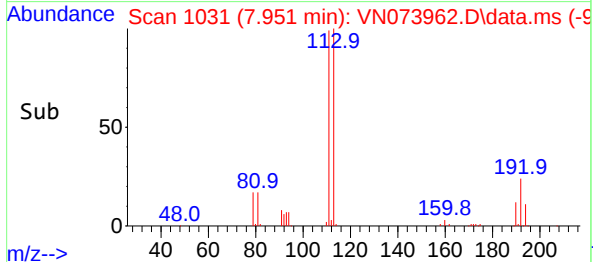
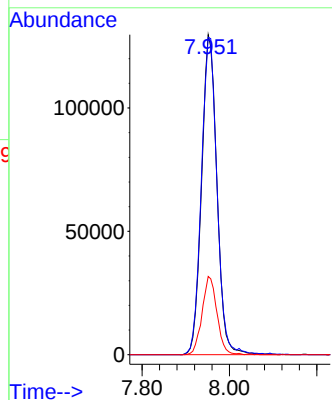
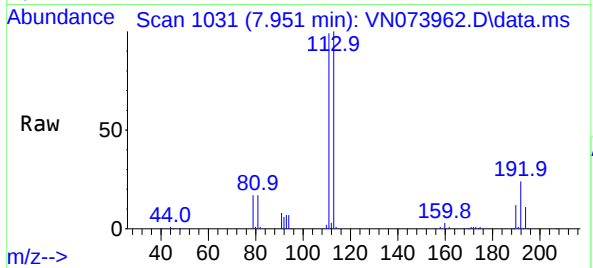




#35
Dibromofluoromethane
Concen: 53.491 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

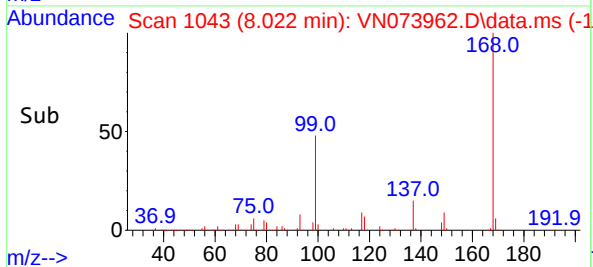
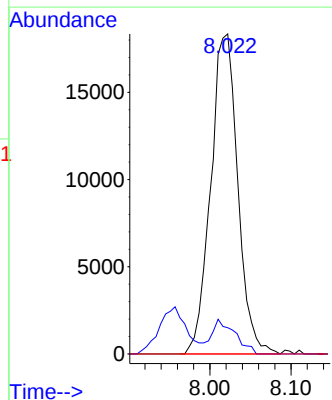
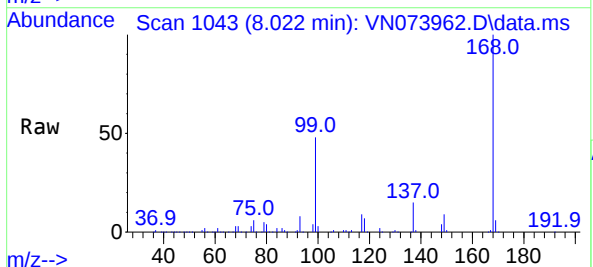
Instrument :
MSVOA_N
ClientSampleId :
33105

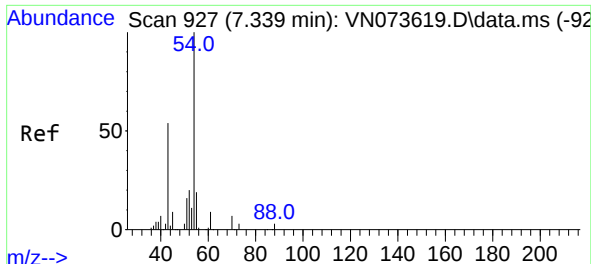
Tgt Ion:113 Resp: 316492
Ion Ratio Lower Upper
113 100
111 101.3 81.4 122.0
192 23.7 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.180 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.129 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

Tgt Ion: 75 Resp: 42572
Ion Ratio Lower Upper
75 100
110 9.2 18.3 54.8#
77 0.0 25.1 37.7#

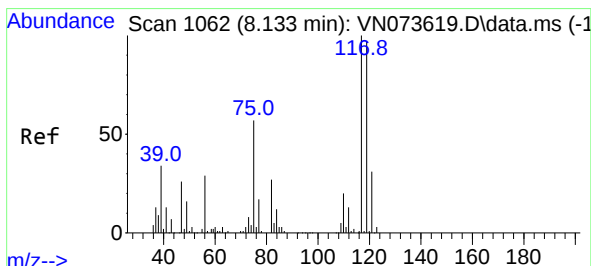
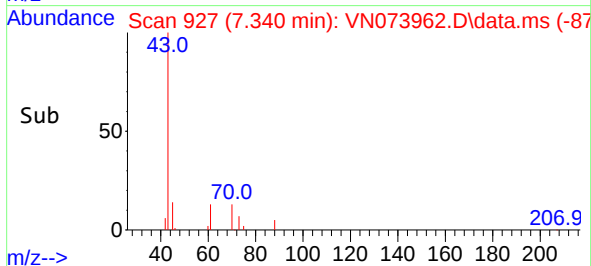
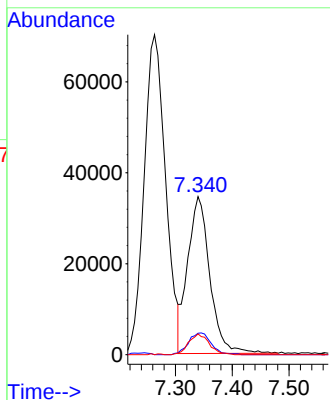
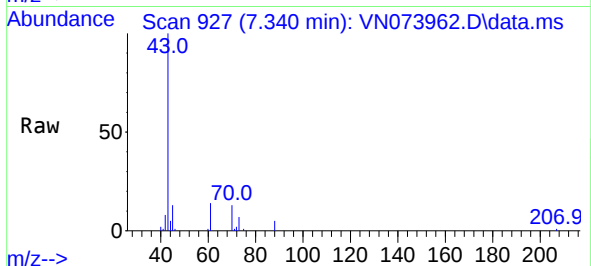




#37
Ethyl Acetate
Concen: 9.407 ug/l
RT: 7.340 min Scan# 91
Delta R.T. 0.001 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

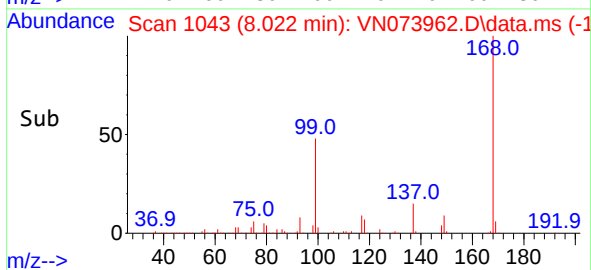
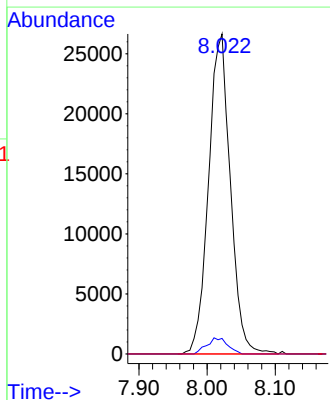
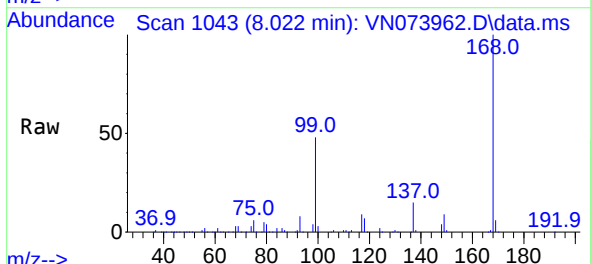
Instrument :
MSVOA_N
ClientSampleId :
33105

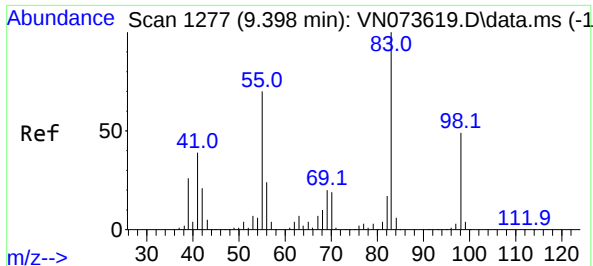
Tgt Ion: 43 Resp: 93655
Ion Ratio Lower Upper
43 100
61 14.2 11.8 17.6
70 12.2 9.3 13.9



#38
Carbon Tetrachloride
Concen: 6.318 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.111 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

Tgt Ion: 117 Resp: 59351
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.8#
121 0.0 24.6 37.0#



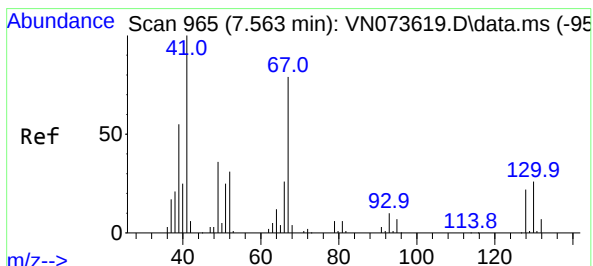
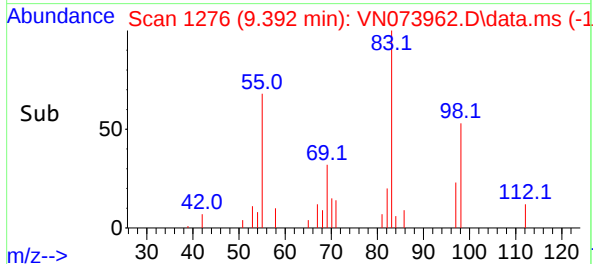
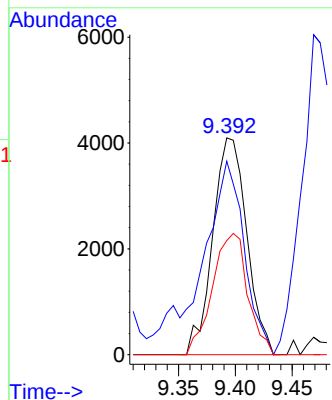
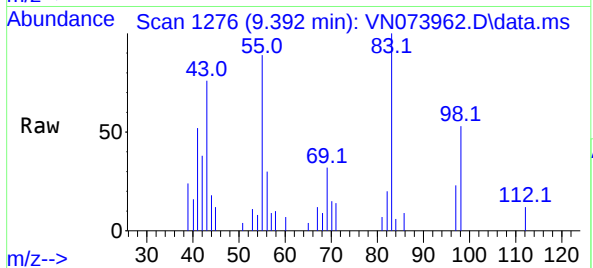


#39
Methylcyclohexane
Concen: 0.829 ug/l
RT: 9.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

Instrument :
MSVOA_N
ClientSampleId :
33105

Tgt Ion: 83 Resp: 8533

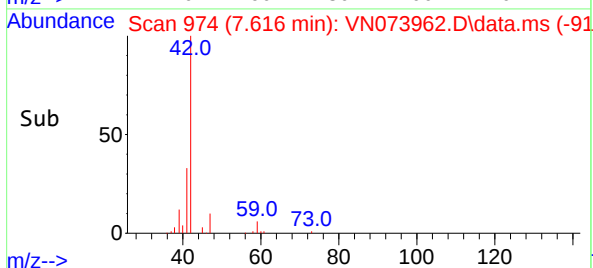
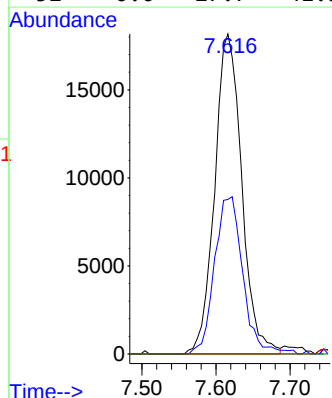
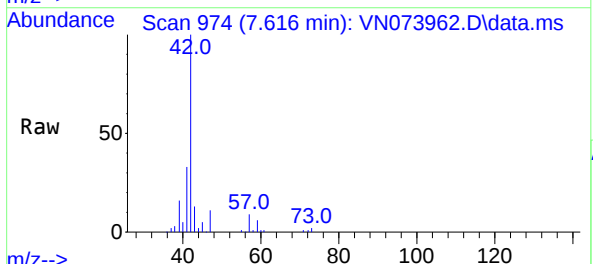
Ion	Ratio	Lower	Upper
83	100		
55	82.8	57.8	86.8
98	52.6	39.4	59.2

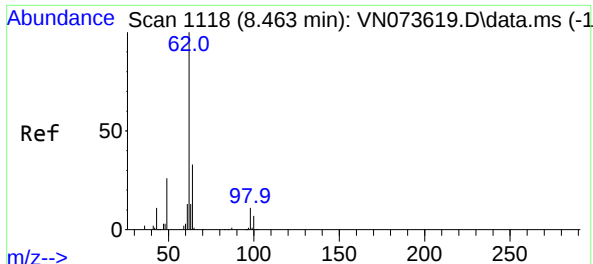


#41
Methacrylonitrile
Concen: 10.234 ug/l
RT: 7.616 min Scan# 974
Delta R.T. 0.053 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

Tgt Ion: 41 Resp: 46047

Ion	Ratio	Lower	Upper
41	100		
39	51.4	48.6	73.0
67	0.0	73.4	110.2#
52	0.0	27.7	41.5#

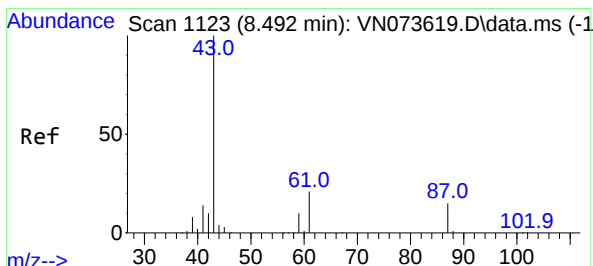
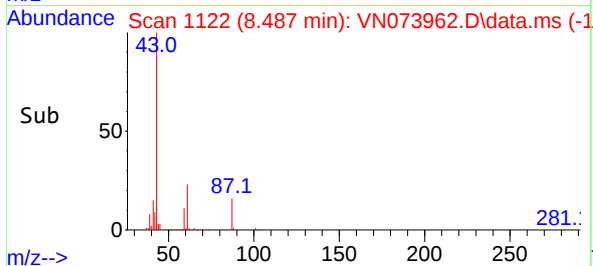
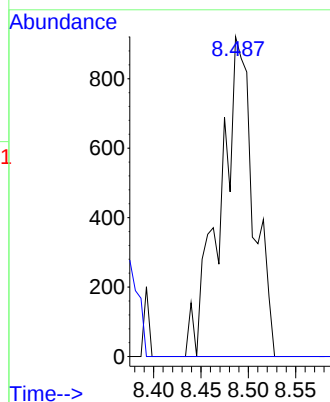
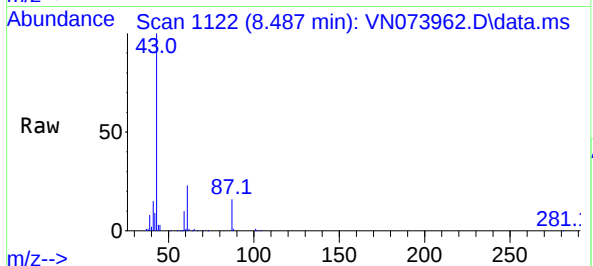




#42
1,2-Dichloroethane
Concen: 0.254 ug/l
RT: 8.487 min Scan# 1118
Delta R.T. 0.024 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

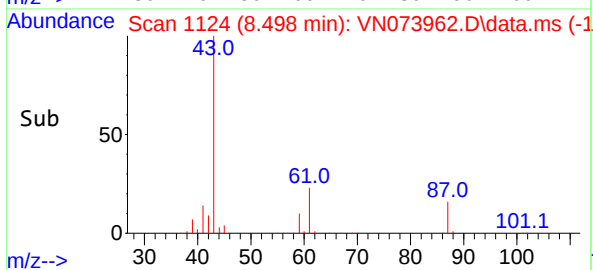
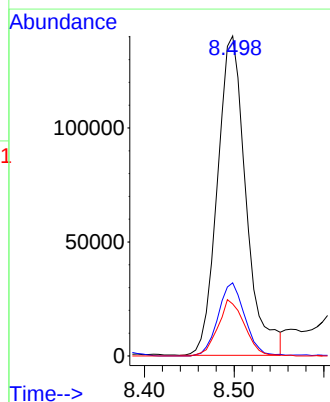
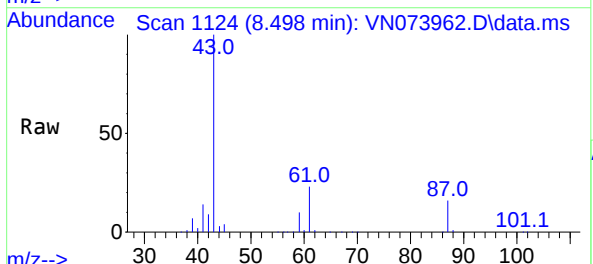
Instrument :
MSVOA_N
ClientSampleId :
33105

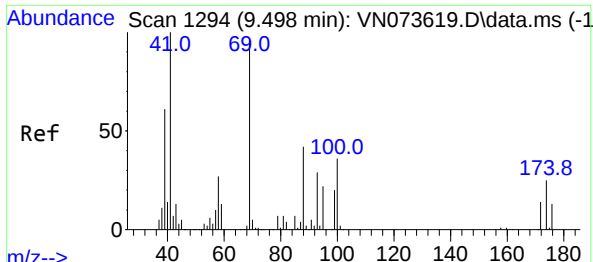
Tgt Ion: 62 Resp: 2267
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.4



#43
Isopropyl Acetate
Concen: 21.847 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

Tgt Ion: 43 Resp: 309863
Ion Ratio Lower Upper
43 100
61 21.5 21.9 32.9#
87 16.4 12.0 18.0





#48

Methyl methacrylate

Concen: 9.596 ug/l

RT: 9.475 min Scan# 11

Delta R.T. -0.023 min

Lab File: VN073962.D

Acq: 16 Aug 2022 20:43

Instrument :

MSVOA_N

ClientSampleId :

33105

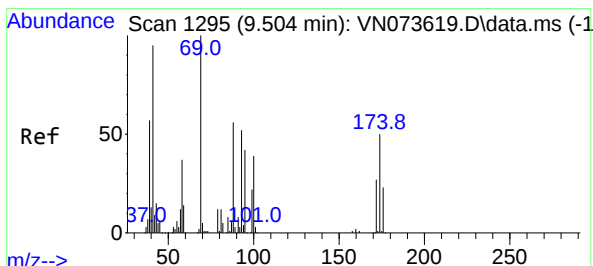
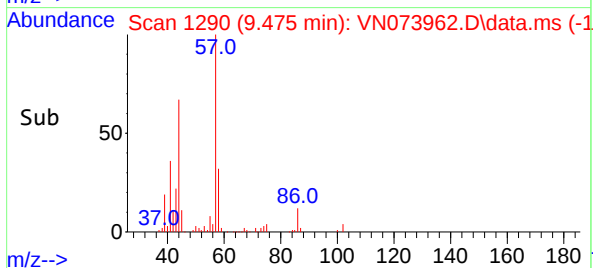
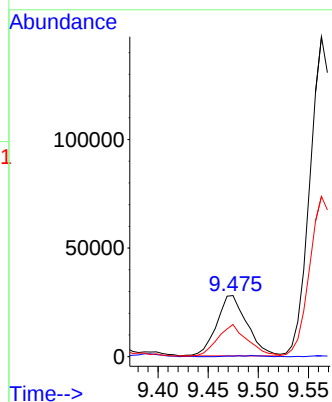
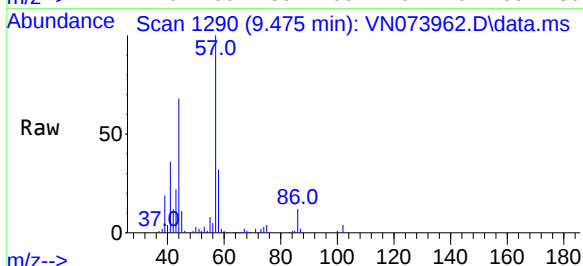
Tgt Ion: 41 Resp: 58239

Ion Ratio Lower Upper

41 100

69 0.9 74.7 112.1#

39 51.6 45.6 68.4



#49

1,4-Dioxane

Concen: 1.740 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.012 min

Lab File: VN073962.D

Acq: 16 Aug 2022 20:43

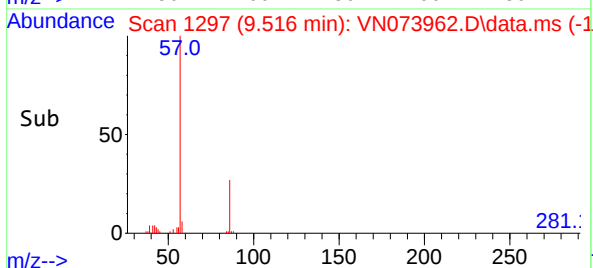
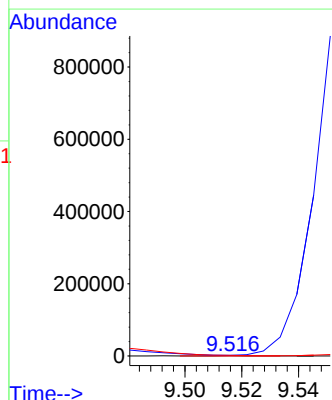
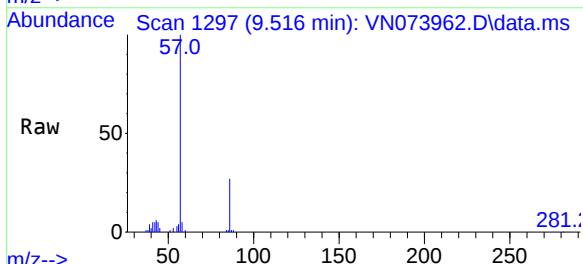
Tgt Ion: 88 Resp: 314

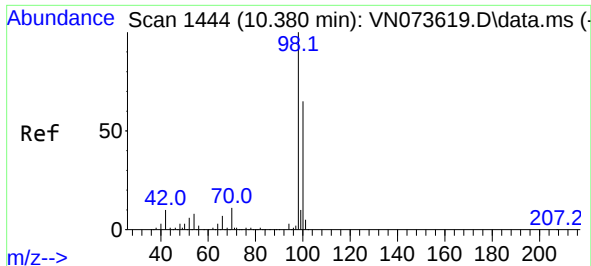
Ion Ratio Lower Upper

88 100

43 0.0 20.2 30.4#

58 0.0 54.2 81.4#

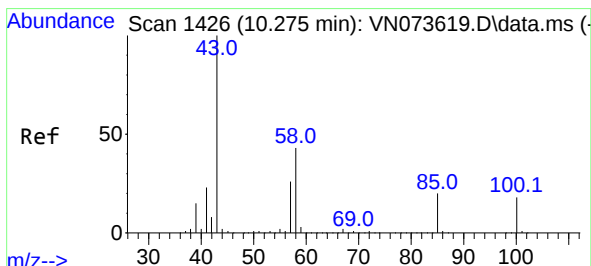
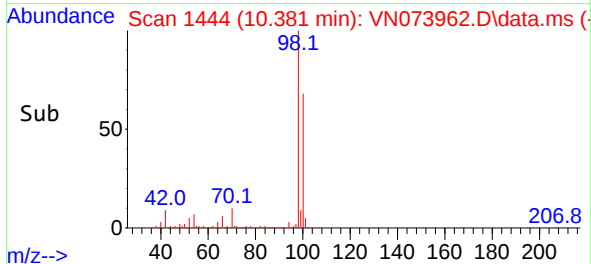
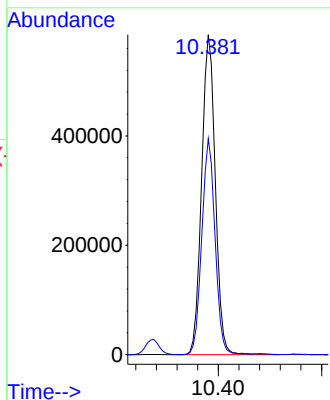
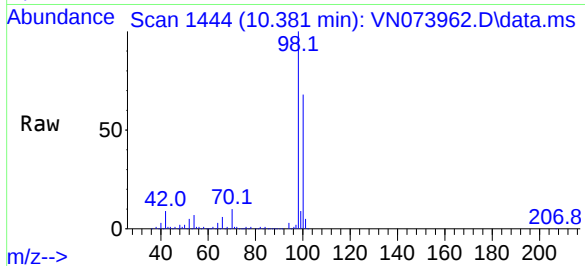




#50
Toluene-d8
Concen: 46.776 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

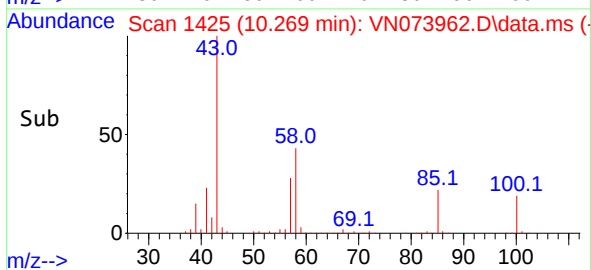
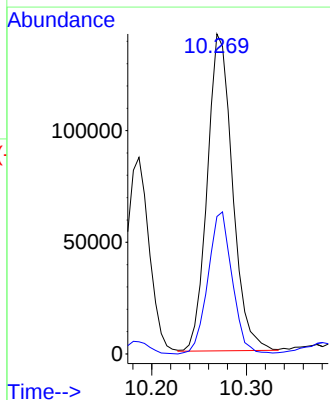
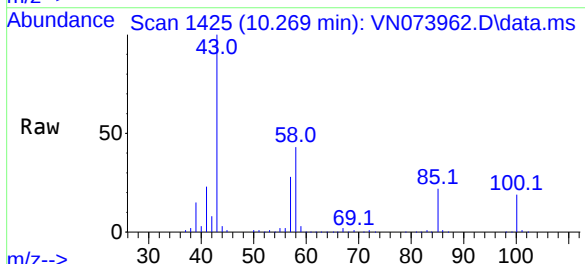
Instrument :
MSVOA_N
ClientSampleId :
33105

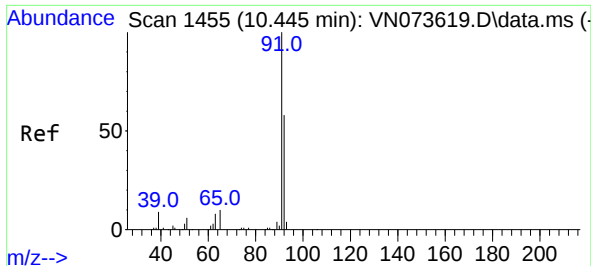
Tgt Ion: 98 Resp: 1071860
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 27.399 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

Tgt Ion: 43 Resp: 262743
Ion Ratio Lower Upper
43 100
58 43.0 34.1 51.1

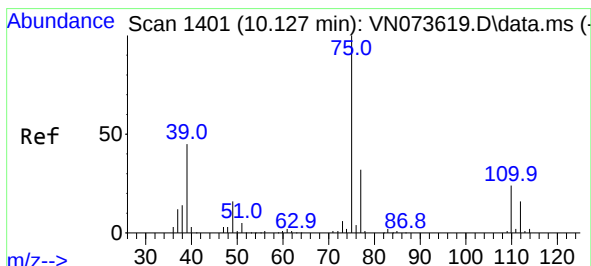
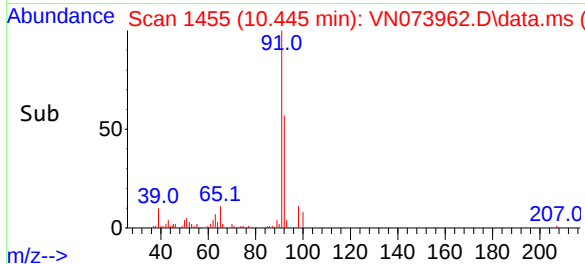
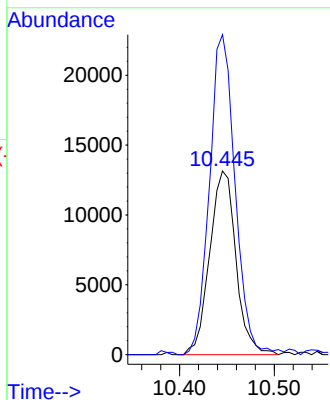
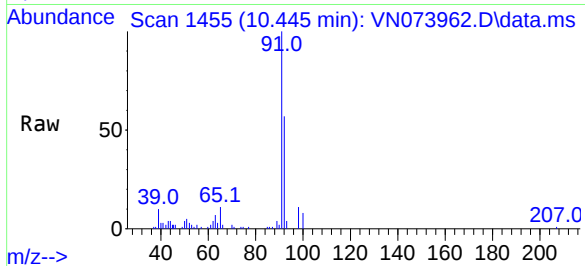




#52
Toluene
Concen: 1.428 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

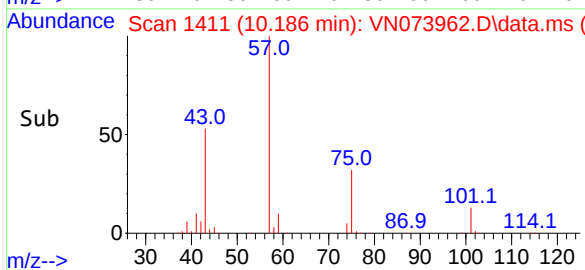
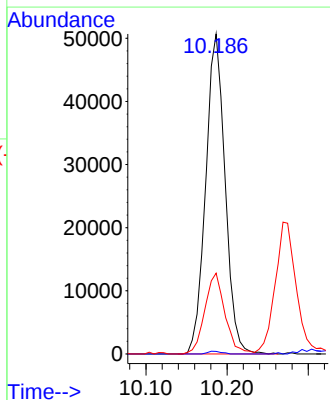
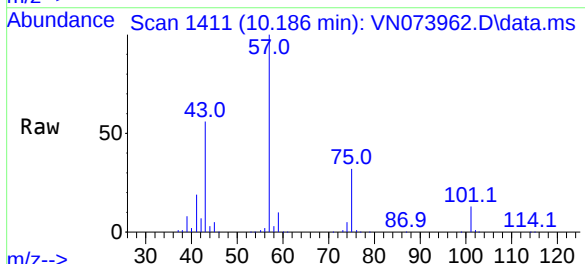
Instrument :
MSVOA_N
ClientSampleId :
33105

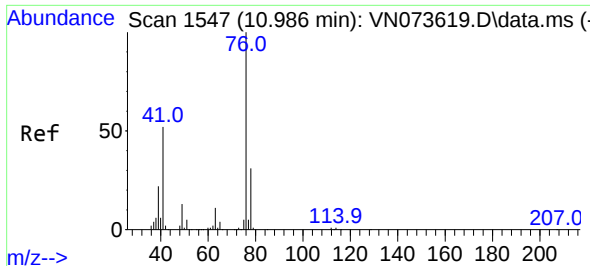
Tgt Ion: 92 Resp: 25398
Ion Ratio Lower Upper
92 100
91 169.8 138.6 207.8



#54
cis-1,3-Dichloropropene
Concen: 8.104 ug/l
RT: 10.186 min Scan# 1411
Delta R.T. 0.059 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

Tgt Ion: 75 Resp: 84060
Ion Ratio Lower Upper
75 100
77 0.8 25.2 37.8#
39 25.3 35.7 53.5#





#57

1,3-Dichloropropane

Concen: 0.937 ug/l

RT: 11.033 min Scan# 1555

Delta R.T. 0.047 min

Lab File: VN073962.D

Acq: 16 Aug 2022 20:43

Instrument :

MSVOA_N

ClientSampleId :

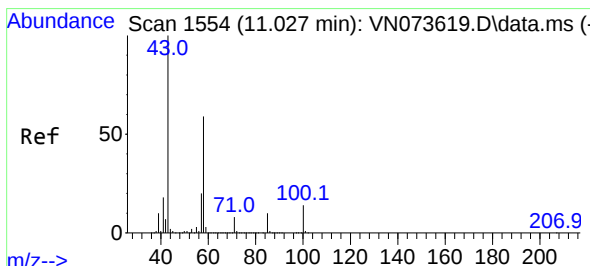
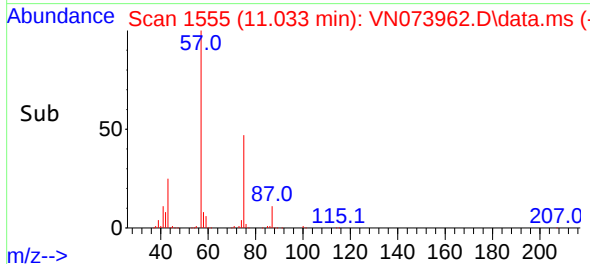
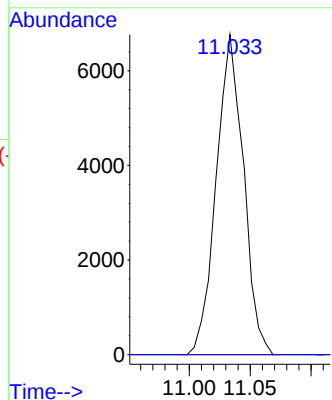
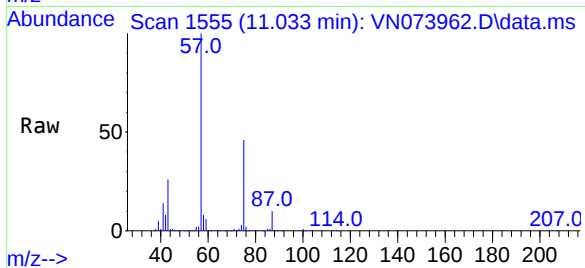
33105

Tgt Ion: 76 Resp: 10545

Ion Ratio Lower Upper

76 100

78 0.0 26.2 39.2#



#59

2-Hexanone

Concen: 22.541 ug/l

RT: 11.033 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VN073962.D

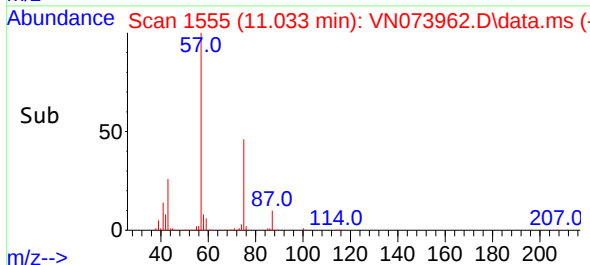
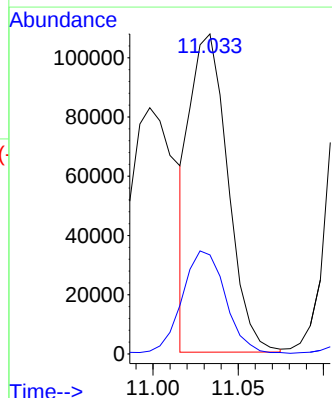
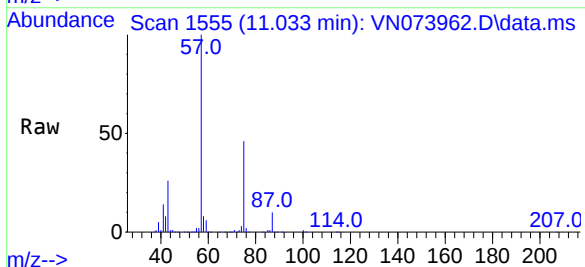
Acq: 16 Aug 2022 20:43

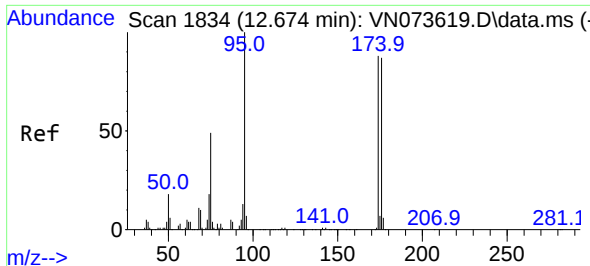
Tgt Ion: 43 Resp: 166357

Ion Ratio Lower Upper

43 100

58 37.8 29.7 89.1

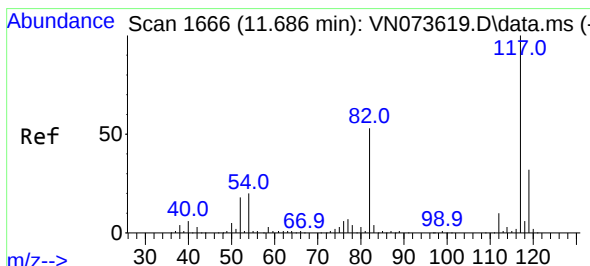
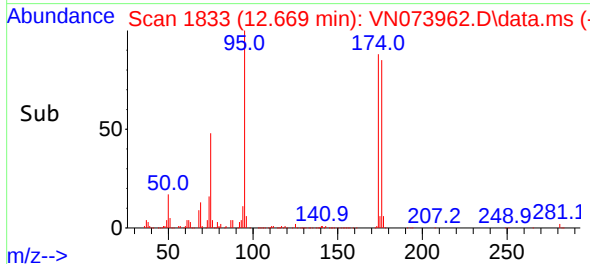
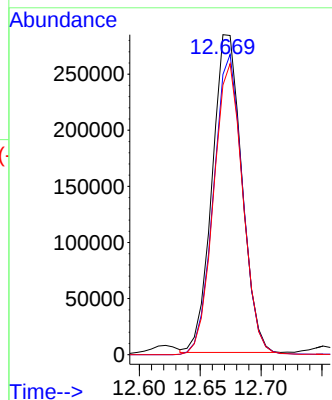
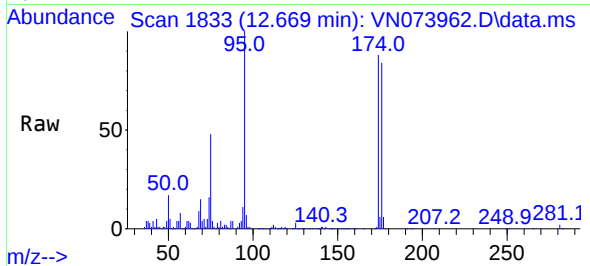




#62
4-Bromofluorobenzene
Concen: 63.064 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

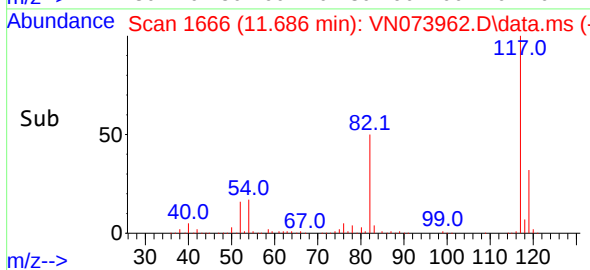
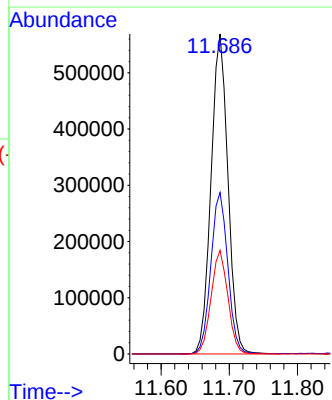
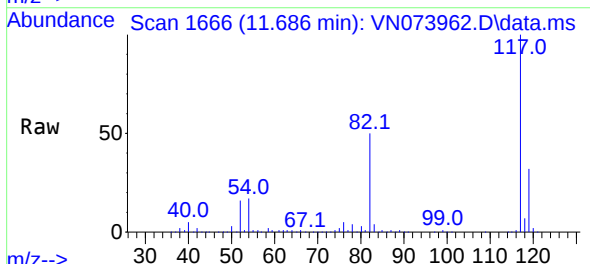
Instrument :
MSVOA_N
ClientSampleId :
33105

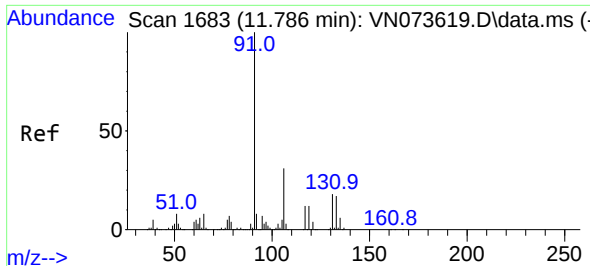
Tgt Ion: 95 Resp: 479606
Ion Ratio Lower Upper
95 100
174 92.7 0.0 167.6
176 90.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

Tgt Ion: 117 Resp: 981897
Ion Ratio Lower Upper
117 100
82 50.4 44.2 66.2
119 32.3 25.4 38.0

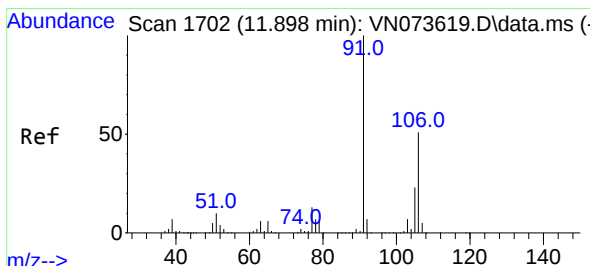
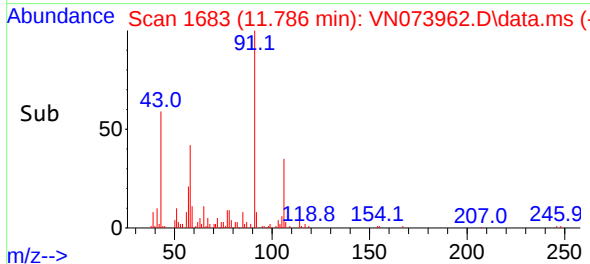
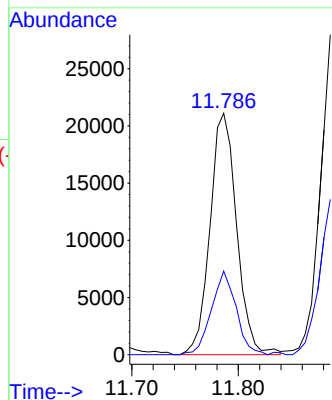
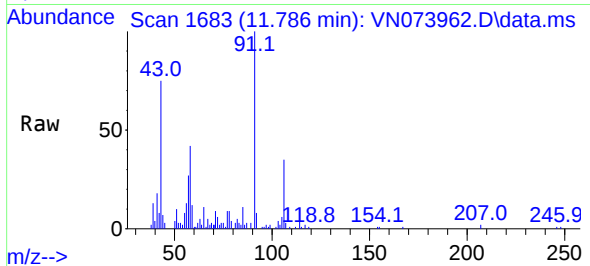




#67
Ethyl Benzene
Concen: 1.056 ug/l
RT: 11.786 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

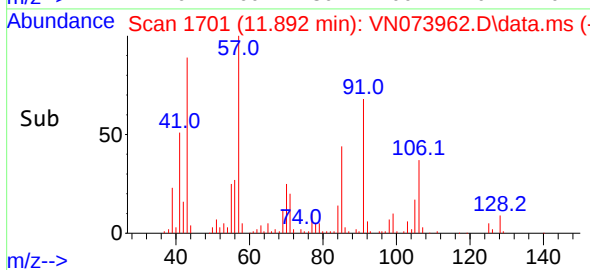
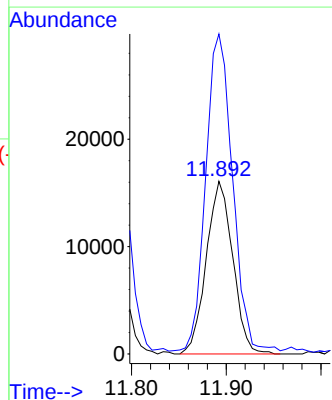
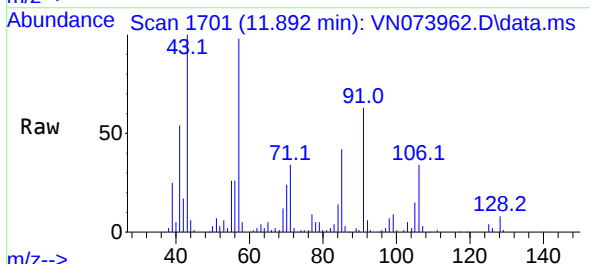
Instrument :
MSVOA_N
ClientSampleId :
33105

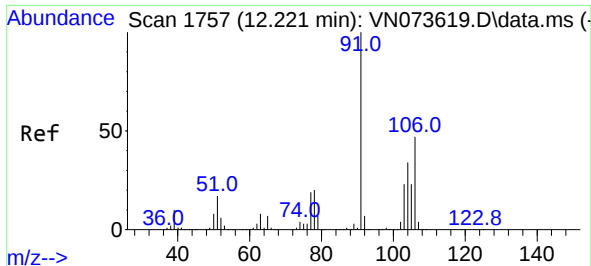
Tgt Ion: 91 Resp: 36631
Ion Ratio Lower Upper
91 100
106 34.6 24.9 37.3



#68
m/p-Xylenes
Concen: 2.220 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

Tgt Ion: 106 Resp: 31309
Ion Ratio Lower Upper
106 100
91 185.1 158.9 238.3

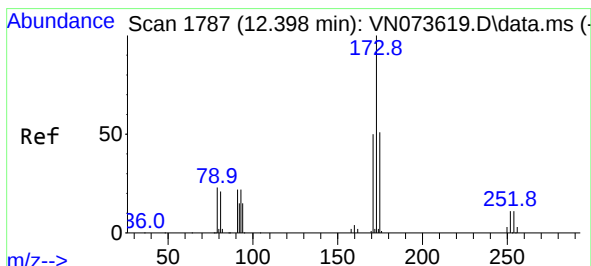
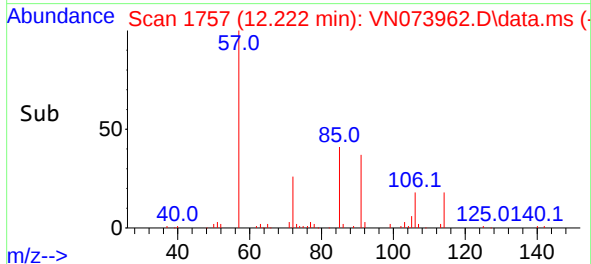
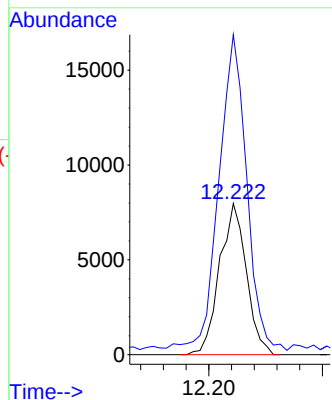
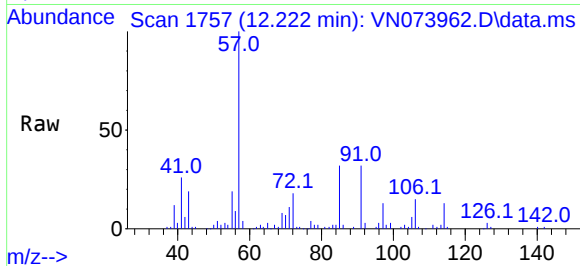




#69
o-Xylene
Concen: 0.921 ug/l
RT: 12.222 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

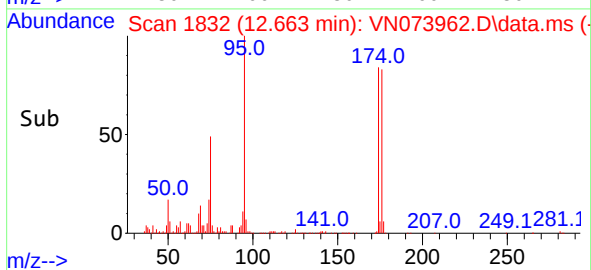
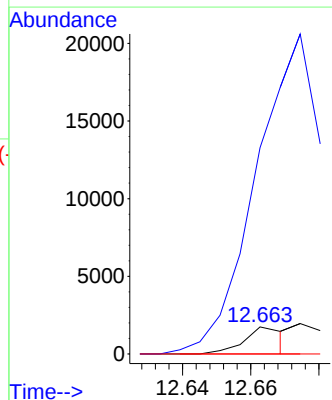
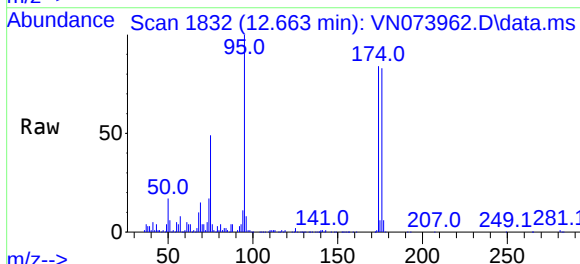
Instrument :
MSVOA_N
ClientSampleId :
33105

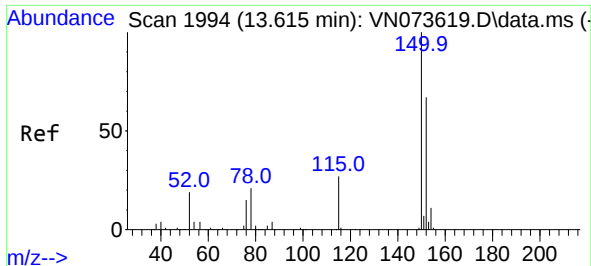
Tgt Ion:106 Resp: 13029
Ion Ratio Lower Upper
106 100
91 216.3 106.0 318.0



#71
Bromoform
Concen: 0.200 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. 0.265 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

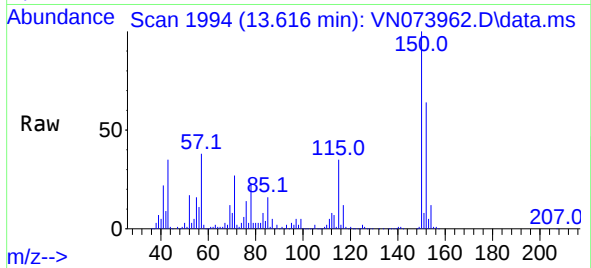
Tgt Ion:173 Resp: 1414
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



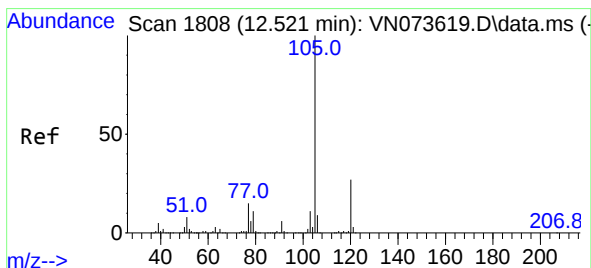
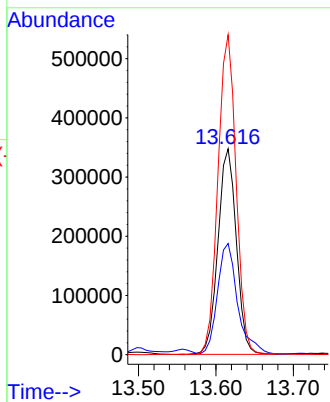
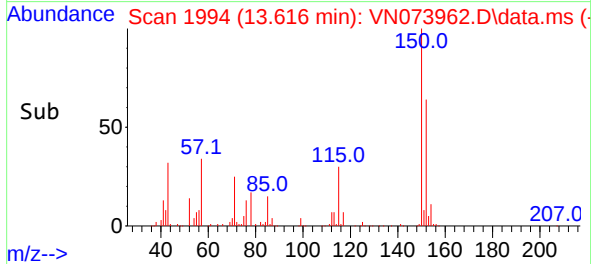


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

Instrument :
MSVOA_N
ClientSampleId :
33105

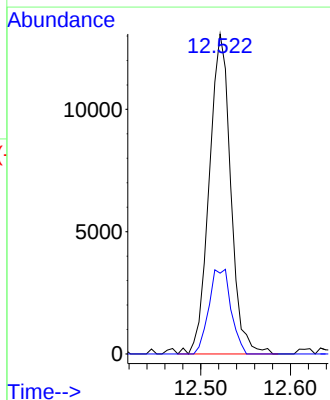
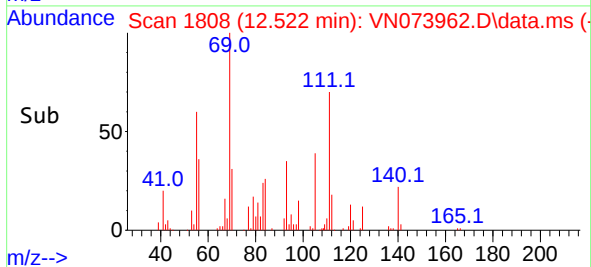
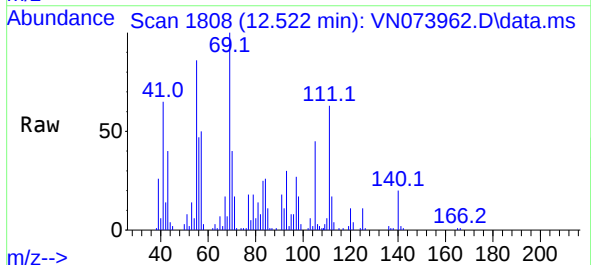


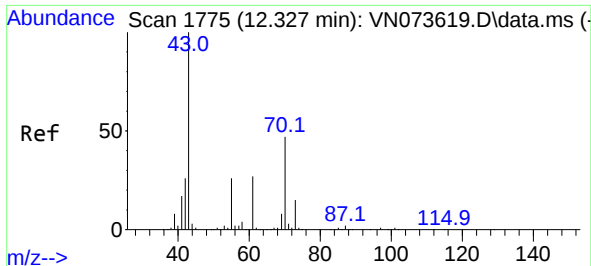
Tgt Ion:152 Resp: 575137
Ion Ratio Lower Upper
152 100
115 58.9 28.9 86.7
150 154.2 0.0 356.2



#73
Isopropylbenzene
Concen: 0.519 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.001 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

Tgt Ion:105 Resp: 21746
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4

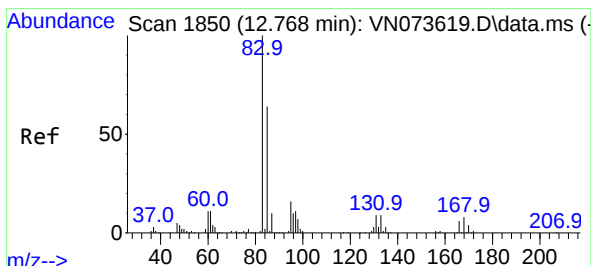
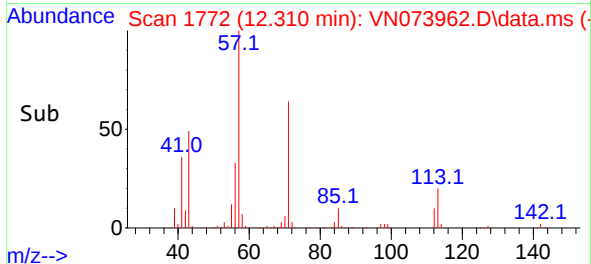
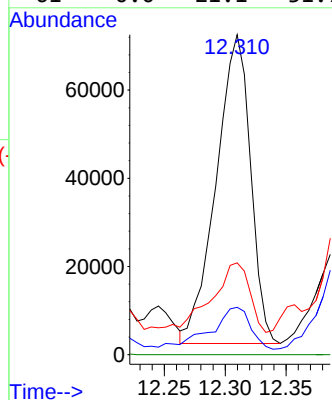
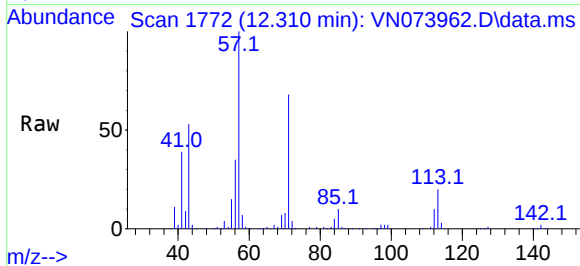




#74
N-amy1 acetate
Concen: 8.680 ug/l
RT: 12.310 min Scan# 1
Delta R.T. -0.017 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

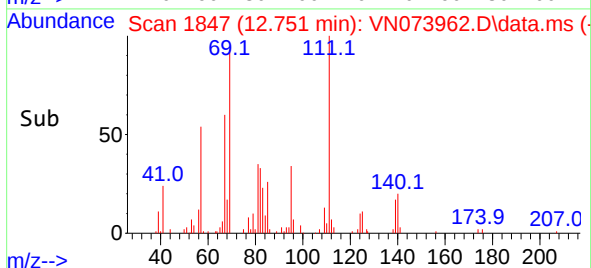
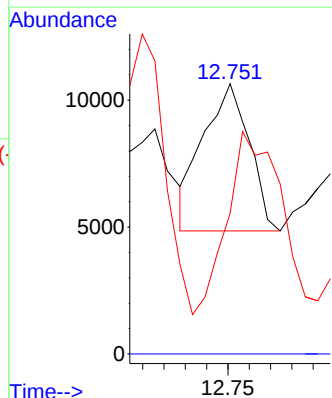
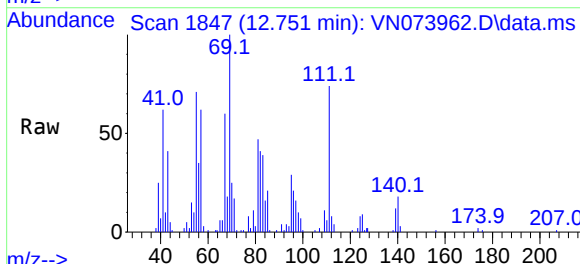
Instrument :
MSVOA_N
ClientSampleId :
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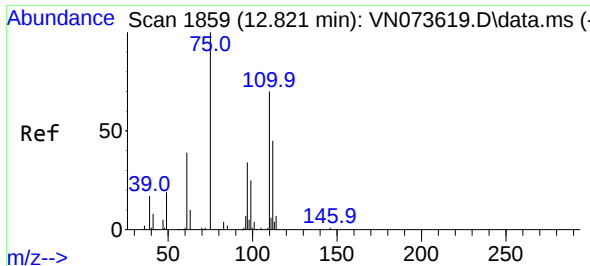
Tgt Ion: 43 Resp: 137419
Ion Ratio Lower Upper
43 100
70 15.9 39.0 58.4#
55 24.3 21.1 31.7
61 0.0 21.1 31.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.622 ug/l
RT: 12.751 min Scan# 1847
Delta R.T. -0.017 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

Tgt Ion: 83 Resp: 8743
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 0.0 32.3 96.9#

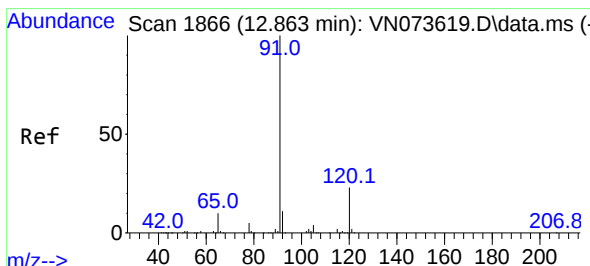
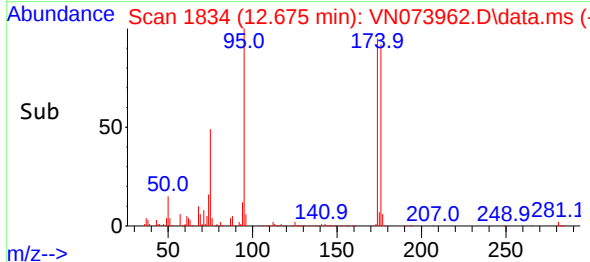
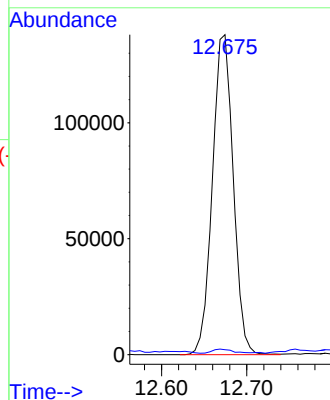
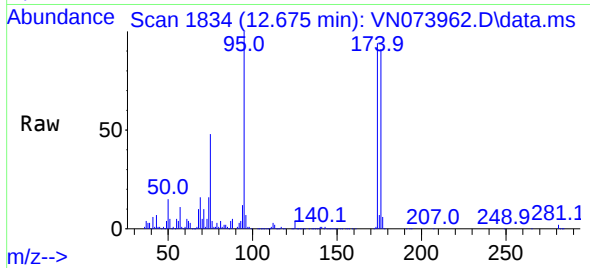




#76
1,2,3-Trichloropropane
Concen: 19.609 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. -0.146 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

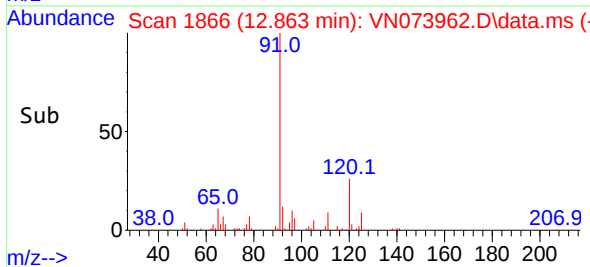
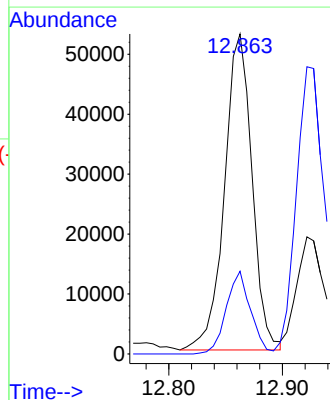
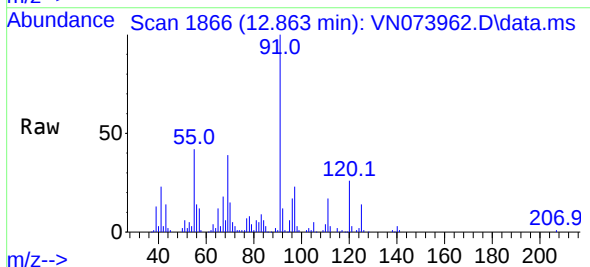
Instrument :
MSVOA_N
ClientSampleId :
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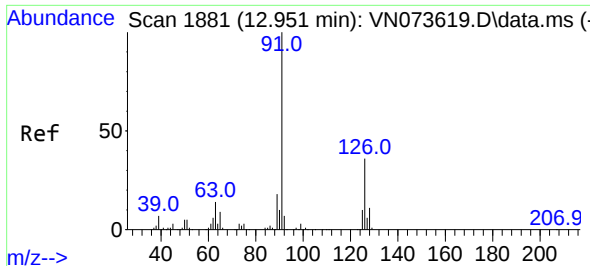
Tgt Ion: 75 Resp: 234412
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#



#78
n-propylbenzene
Concen: 1.992 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

Tgt Ion: 91 Resp: 88912
Ion Ratio Lower Upper
91 100
120 23.1 11.9 35.5

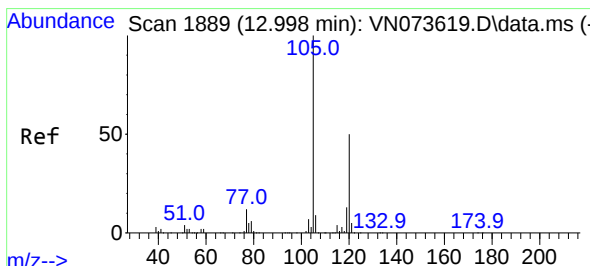
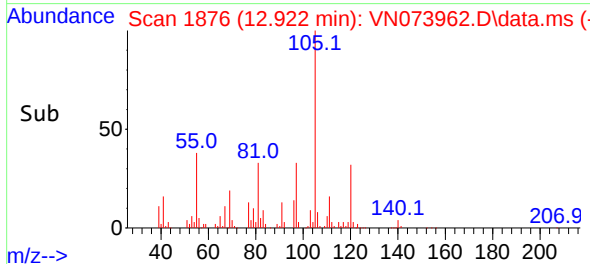
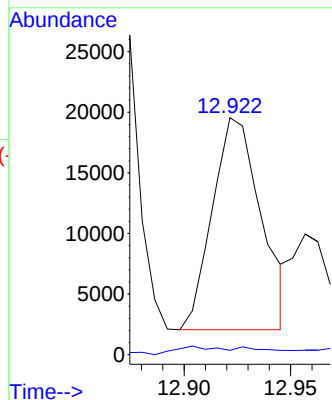
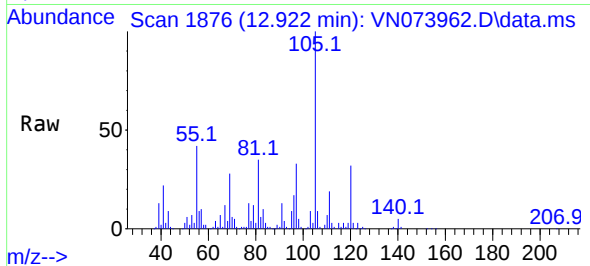




#79
2-Chlorotoluene
Concen: 1.001 ug/l
RT: 12.922 min Scan# 1876
Delta R.T. -0.029 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

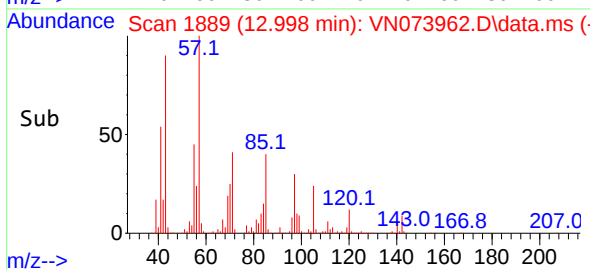
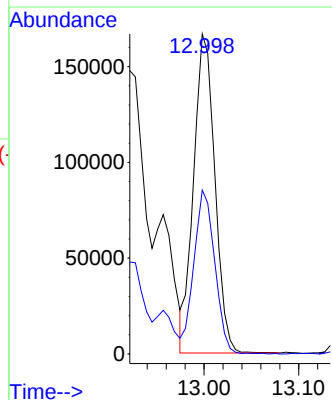
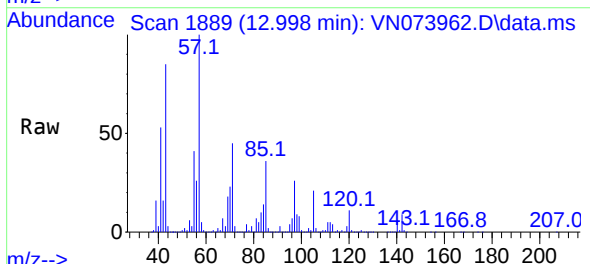
Instrument :
MSVOA_N
ClientSampleId :
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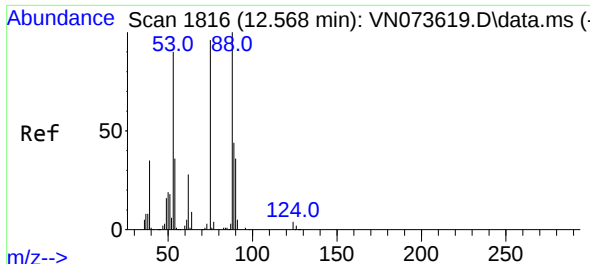
Tgt Ion: 91 Resp: 27835
Ion Ratio Lower Upper
91 100
126 3.6 17.3 51.9#



#80
1,3,5-Trimethylbenzene
Concen: 7.624 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

Tgt Ion:105 Resp: 259716
Ion Ratio Lower Upper
105 100
120 50.8 24.9 74.7

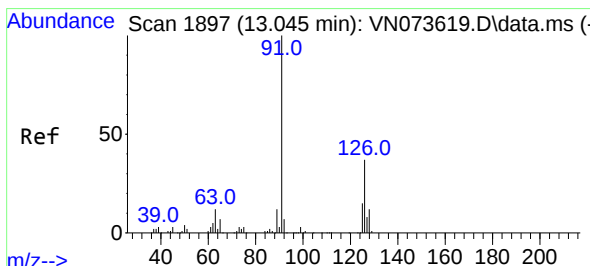
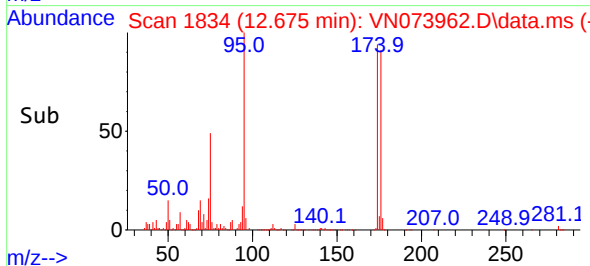
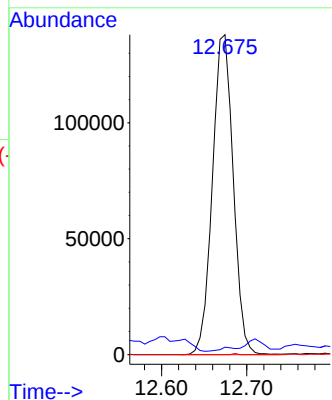
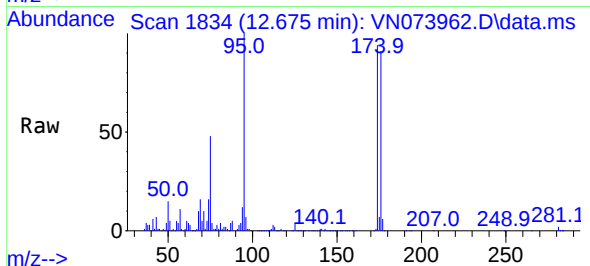




#81
trans-1,4-Dichloro-2-butene
Concen: 55.772 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.107 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

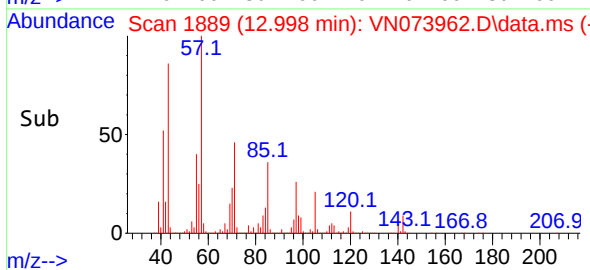
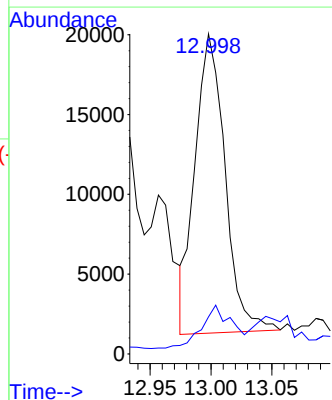
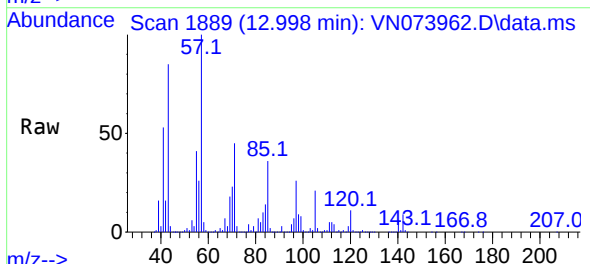
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MSVOA_N
ClientSampleId :
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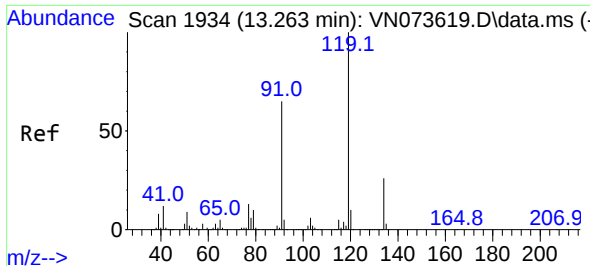
Tgt Ion: 75 Resp: 234412
Ion Ratio Lower Upper
75 100
53 0.9 78.0 117.0#
89 0.1 37.2 55.8#



#82
4-Chlorotoluene
Concen: 1.214 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.047 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

Tgt Ion: 91 Resp: 32070
Ion Ratio Lower Upper
91 100
126 14.4 17.2 51.6#

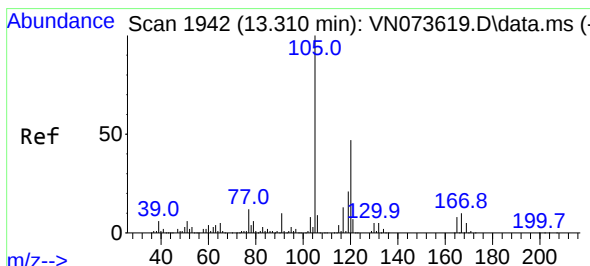
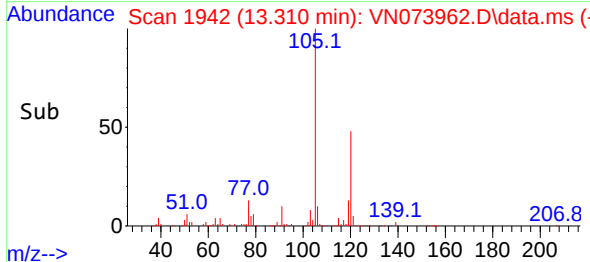
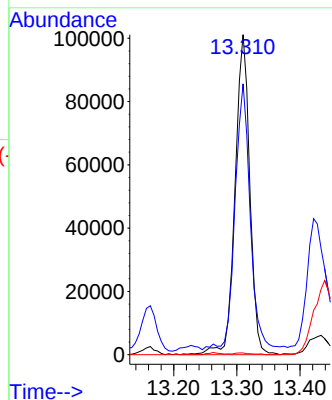
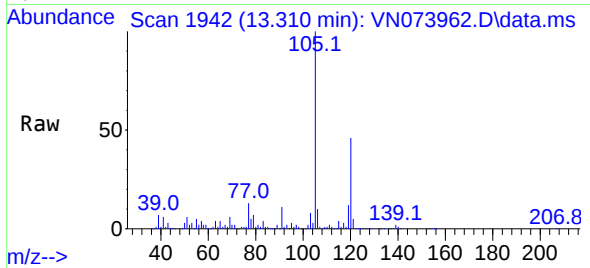




#83
tert-Butylbenzene
Concen: 5.224 ug/l
RT: 13.310 min Scan# 1934
Delta R.T. 0.047 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

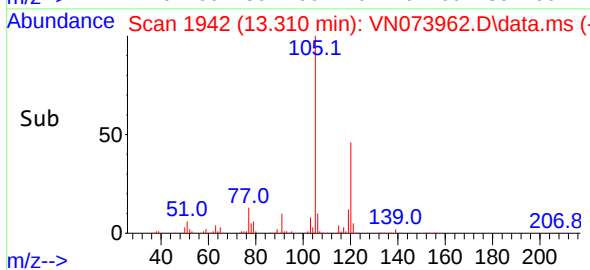
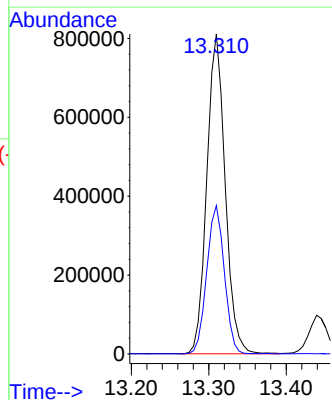
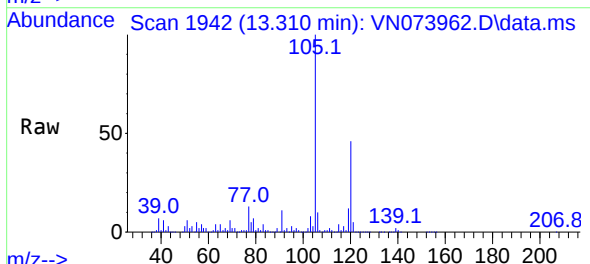
Instrument :
MSVOA_N
ClientSampleId :
33105

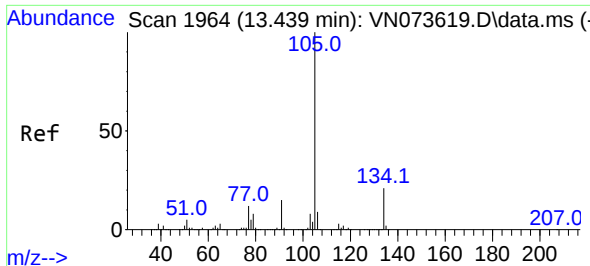
Tgt Ion:119 Resp: 163752
Ion Ratio Lower Upper
119 100
91 86.2 31.6 94.8
134 0.0 13.7 41.1#



#84
1,2,4-Trimethylbenzene
Concen: 39.188 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

Tgt Ion:105 Resp: 1333067
Ion Ratio Lower Upper
105 100
120 44.4 23.3 69.8

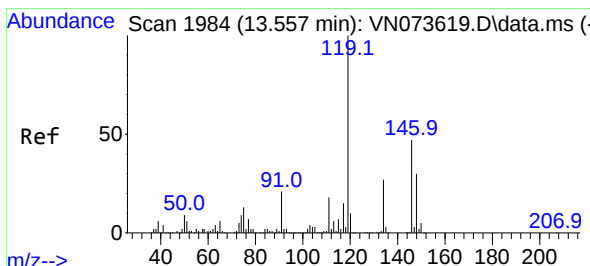
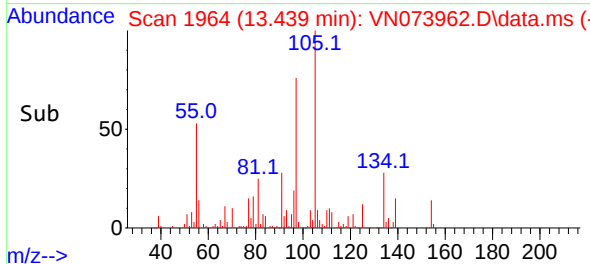
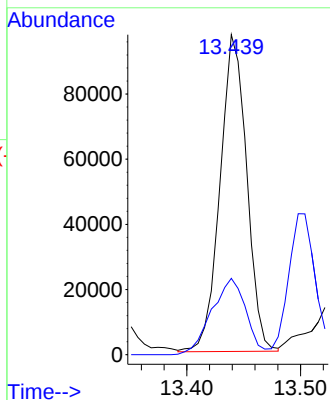
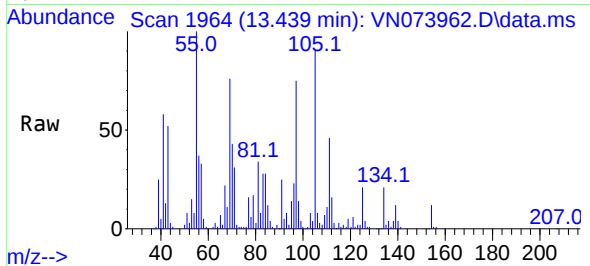




#85
 sec-Butylbenzene
 Concen: 3.905 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073962.D
 Acq: 16 Aug 2022 20:43

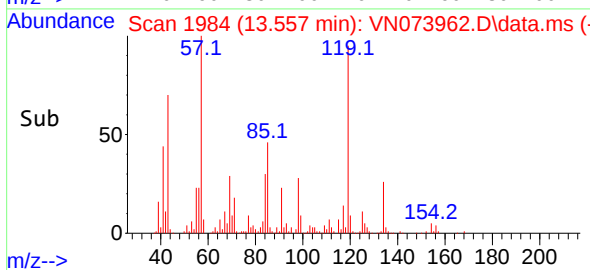
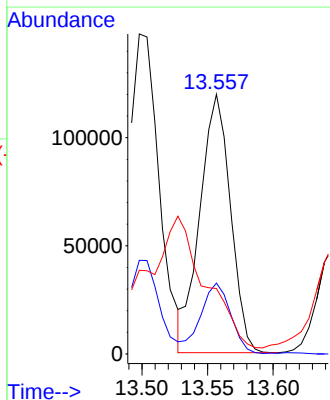
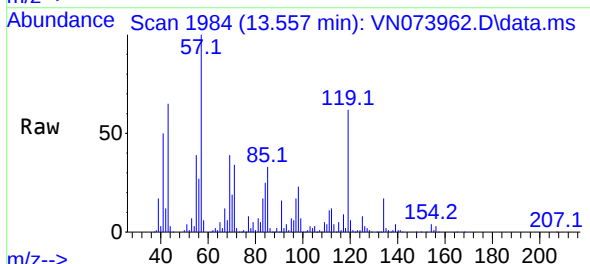
Instrument :
 MSVOA_N
 ClientSampleId :
 33105

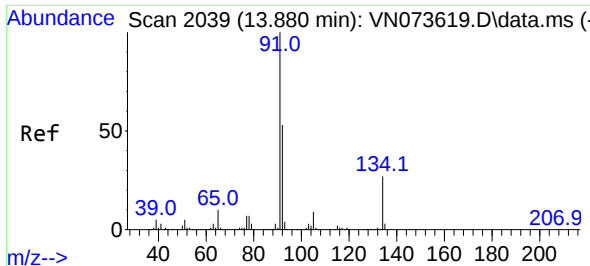
Tgt Ion:105 Resp: 158654
 Ion Ratio Lower Upper
 105 100
 134 30.9 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 5.592 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN073962.D
 Acq: 16 Aug 2022 20:43

Tgt Ion:119 Resp: 193573
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 0.0 11.3 33.9#

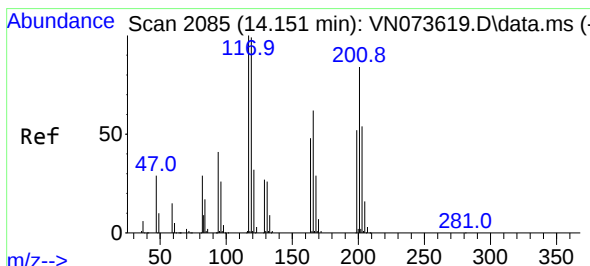
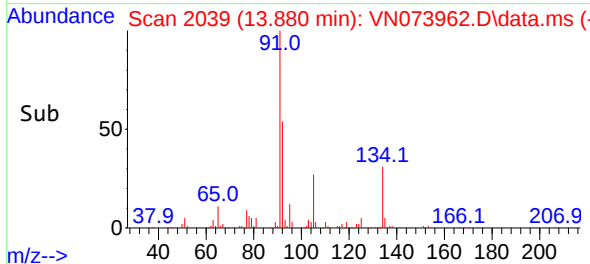
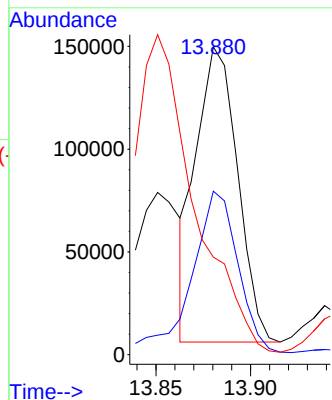
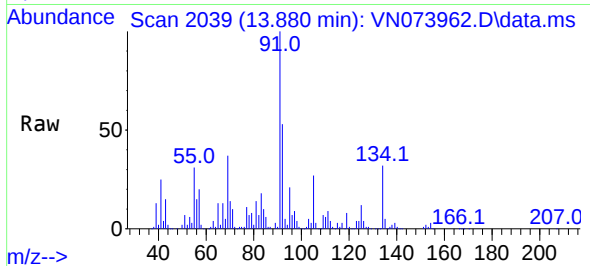




#89
n-Butylbenzene
Concen: 7.985 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

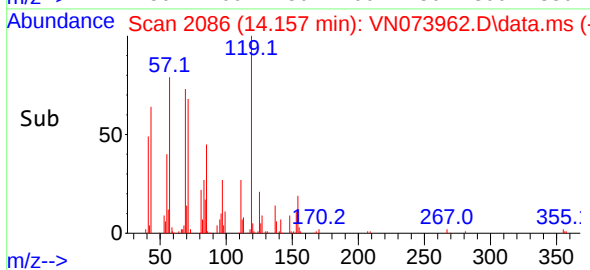
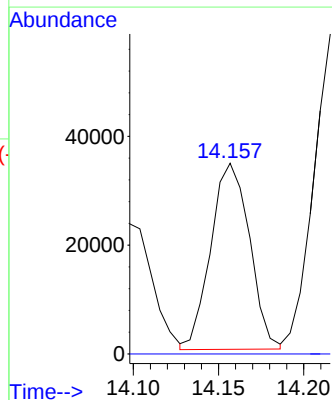
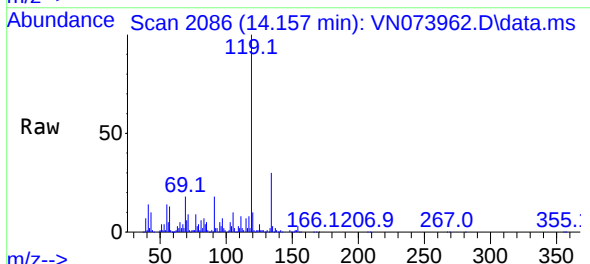
Instrument :
MSVOA_N
ClientSampleId :
33105

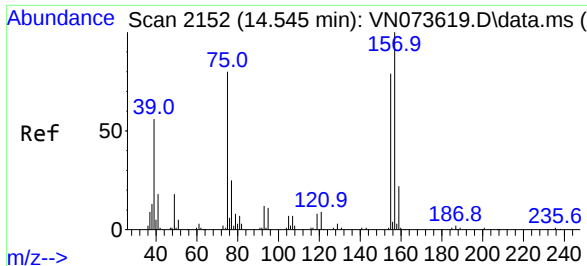
Tgt Ion: 91 Resp: 218927
Ion Ratio Lower Upper
91 100
92 60.7 26.9 80.7
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 8.550 ug/l
RT: 14.157 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

Tgt Ion: 117 Resp: 54100
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#

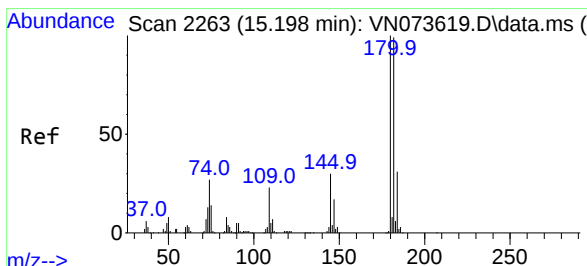
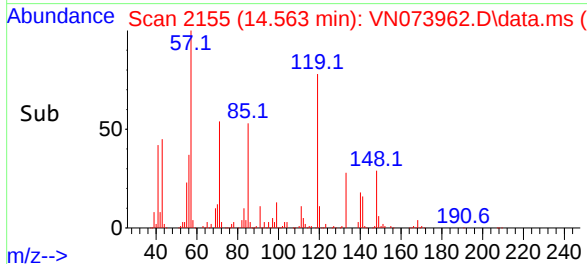
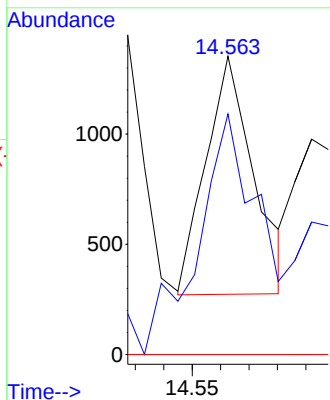
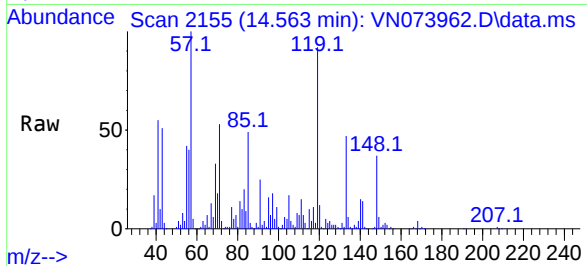




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.380 ug/l
RT: 14.563 min Scan# 2155
Delta R.T. 0.018 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

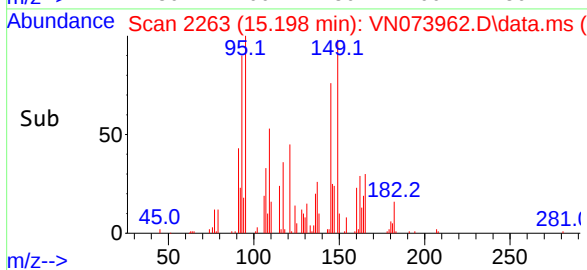
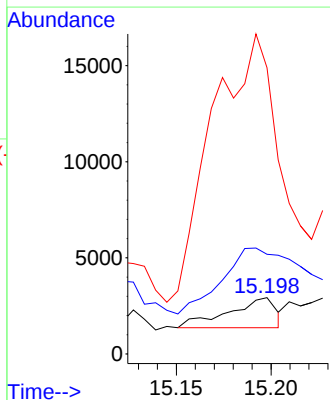
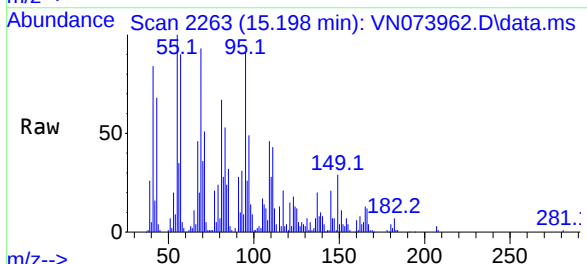
Instrument :
MSVOA_N
ClientSampleId :
33105

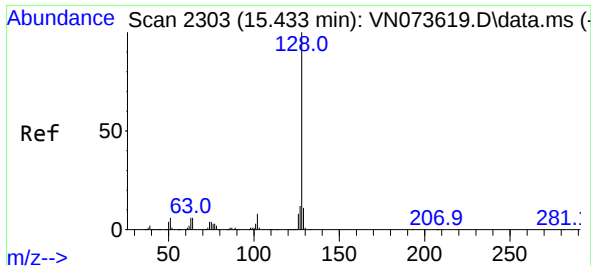
Tgt Ion: 75 Resp: 1261
Ion Ratio Lower Upper
75 100
155 127.4 44.9 134.5
157 0.0 59.0 176.8#



#93
1,2,4-Trichlorobenzene
Concen: 0.221 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. -0.000 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

Tgt Ion:180 Resp: 2728
Ion Ratio Lower Upper
180 100
182 381.8 47.5 142.5#
145 1582.4 14.5 43.5#

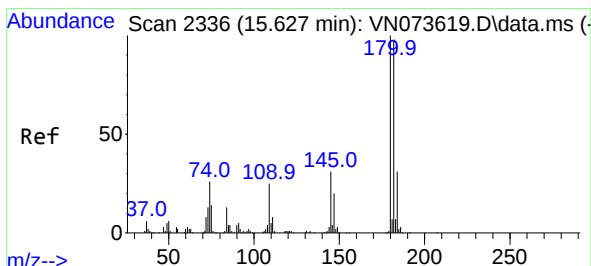
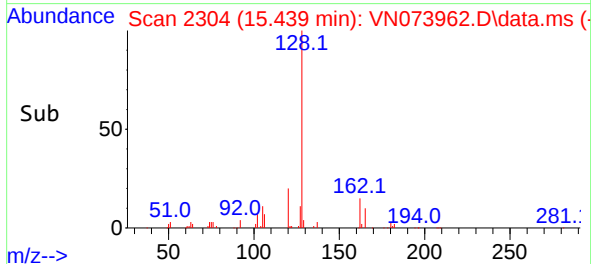
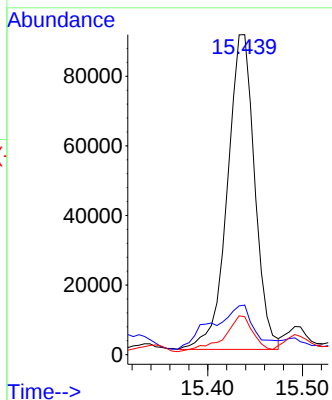
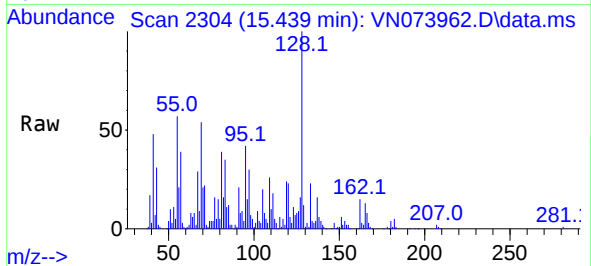




#95
Naphthalene
Concen: 4.512 ug/l
RT: 15.439 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

Instrument :
MSVOA_N
ClientSampleId :
33105

Tgt Ion:128 Resp: 181759
Ion Ratio Lower Upper
128 100
127 21.7 10.3 15.5#
129 12.3 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 1.050 ug/l
RT: 15.651 min Scan# 2340
Delta R.T. 0.024 min
Lab File: VN073962.D
Acq: 16 Aug 2022 20:43

Tgt Ion:180 Resp: 13410
Ion Ratio Lower Upper
180 100
182 0.0 47.8 143.3#
145 270.0 15.5 46.5#

