

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071322\
 Data File : VN073450.D
 Acq On : 13 Jul 2022 15:25
 Operator : JC\MD
 Sample : N3619-01
 Misc : 1.22g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31653

Quant Time: Jul 14 07:03:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	268337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	444696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	439525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	238524	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	168839	43.586	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.180%
35) Dibromofluoromethane	7.939	113	137838	46.588	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.180%
50) Toluene-d8	10.374	98	499494	47.534	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.060%
62) 4-Bromofluorobenzene	12.668	95	231612	57.355	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.720%

Target Compounds				Qvalue		
3) Chloromethane	2.269	50	794	0.208	ug/l #	43
5) Bromomethane	2.781	94	563	0.368	ug/l #	2
10) Methyl Iodide	4.293	142	242	3.786	ug/l #	73
11) Tert butyl alcohol	5.210	59	17109	18.232	ug/l #	73
13) Acrolein	3.975	56	134	0.226	ug/l #	16
16) Acetone	4.257	43	2592	1.192	ug/l #	81
18) Methyl Acetate	4.781	43	13539	2.222	ug/l #	86
20) Methylene Chloride	4.963	84	1899	0.497	ug/l	94
28) Bromochloromethane	7.386	49	782	0.291	ug/l #	8
29) Tetrahydrofuran	7.628	42	1707	0.720	ug/l #	78
31) Cyclohexane	7.980	56	53181	8.383	ug/l #	47
36) 1,1-Dichloropropene	8.004	75	21818	4.793	ug/l #	51
38) Carbon Tetrachloride	8.010	117	28419	6.037	ug/l #	17
39) Methylcyclohexane	9.386	83	390115	68.831	ug/l	95
41) Methacrylonitrile	7.628	41	2451	0.735	ug/l #	27
43) Isopropyl Acetate	8.469	43	29258	2.960	ug/l #	53
45) 1,2-Dichloropropane	9.386	63	4028	1.125	ug/l #	1
48) Methyl methacrylate	9.386	41	196165	42.857	ug/l #	67
52) Toluene	10.439	92	54557	6.283	ug/l	99
55) 1,1,2-Trichloroethane	10.816	97	13196	3.692	ug/l #	19
56) Ethyl methacrylate	10.680	69	2666	0.461	ug/l #	28
66) 1,1,1,2-Tetrachloroethane	11.768	131	1210	0.331	ug/l #	25
67) Ethyl Benzene	11.792	91	4528	0.251	ug/l #	81
68) m/p-Xylenes	11.886	106	5452	0.800	ug/l	95
69) o-Xylene	12.221	106	29400	4.228	ug/l	85
73) Isopropylbenzene	12.527	105	5117	0.248	ug/l	90
74) N-amyl acetate	12.310	43	75815	7.351	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.798	83	3123	0.457	ug/l #	25
76) 1,2,3-Trichloropropane	12.674	75	121156	19.426	ug/l #	1
78) n-propylbenzene	12.857	91	18125	0.792	ug/l	96
79) 2-Chlorotoluene	12.957	91	12975	0.896	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.998	105	185306	11.038	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.674	75	121156	53.274	ug/l #	12
82) 4-Chlorotoluene	12.998	91	20408	1.456	ug/l #	53
83) tert-Butylbenzene	13.310	119	54191	3.600	ug/l #	27
84) 1,2,4-Trimethylbenzene	13.304	105	148982	8.888	ug/l	72

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 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

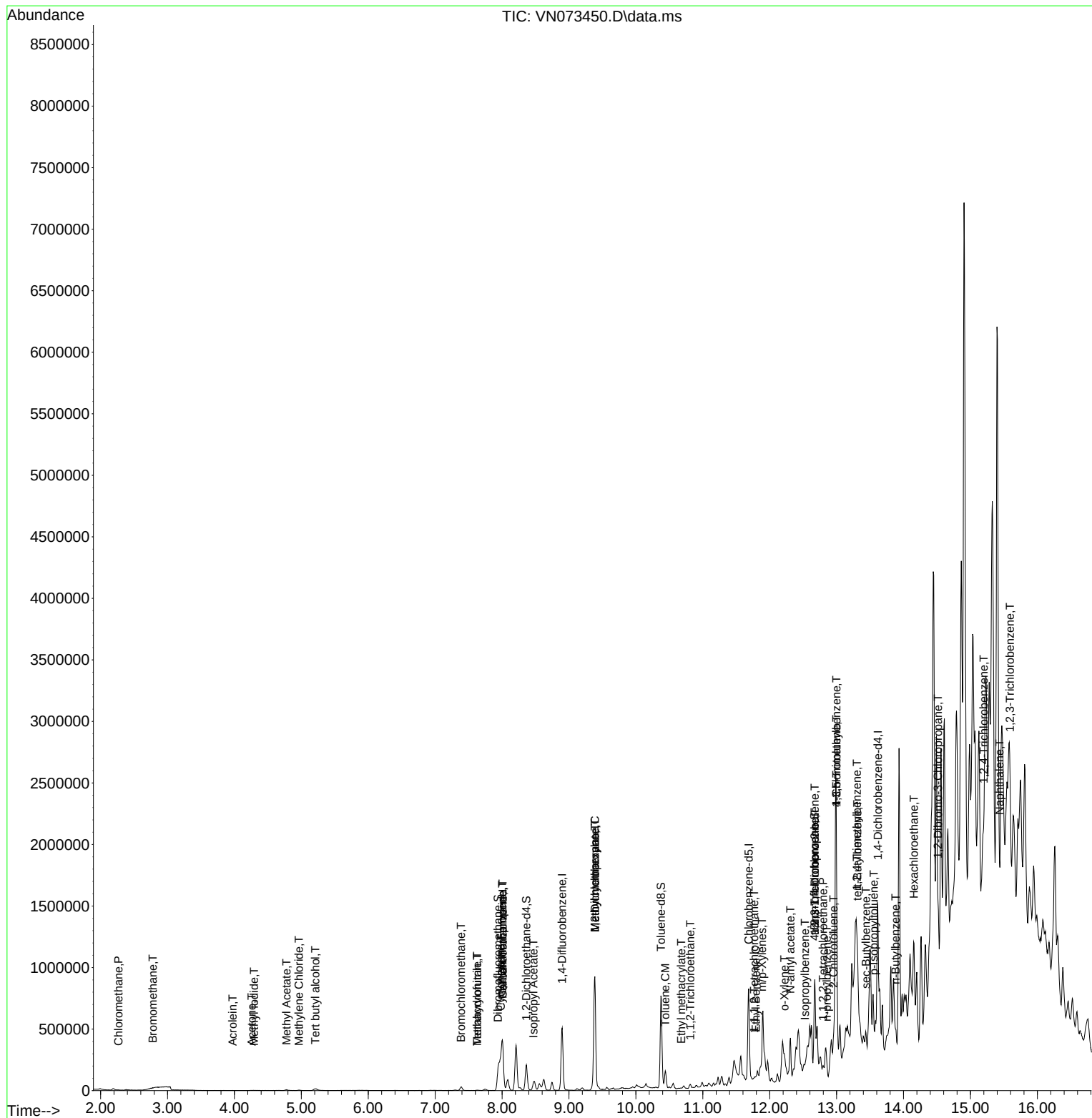
85) sec-Butylbenzene	13.439	105	42006	2.078	ug/l	78
86) p-Isopropyltoluene	13.557	119	56512	3.461	ug/l	96
89) n-Butylbenzene	13.880	91	62777	4.614	ug/l #	72
90) Hexachloroethane	14.157	117	22422	7.369	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.515	75	844	0.508	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.198	180	4462	0.979	ug/l #	1
95) Naphthalene	15.433	128	87800	4.776	ug/l #	74
96) 1,2,3-Trichlorobenzene	15.592	180	22252	4.734	ug/l #	48

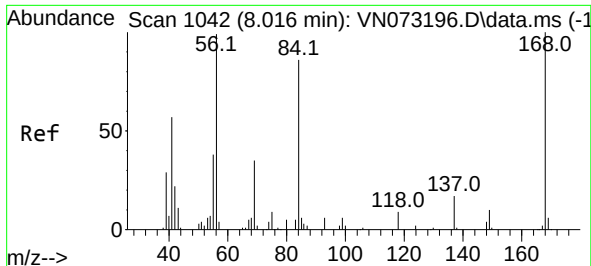
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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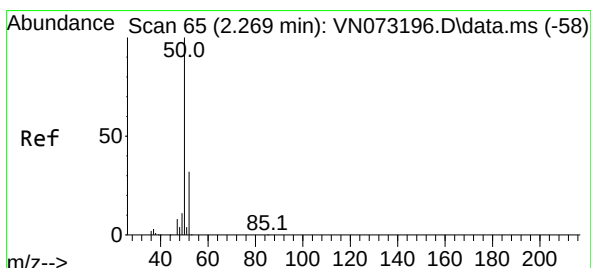
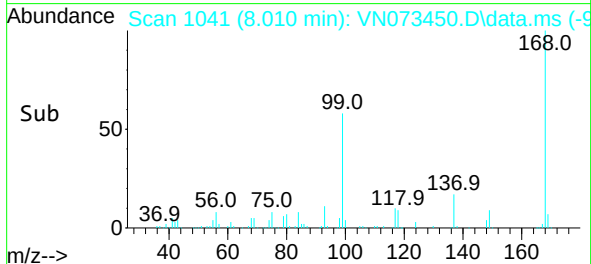
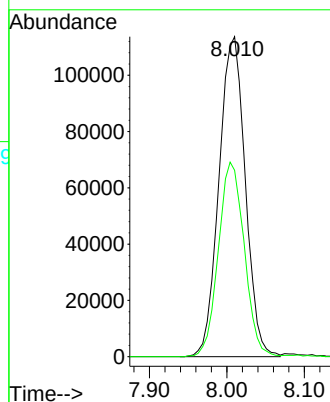
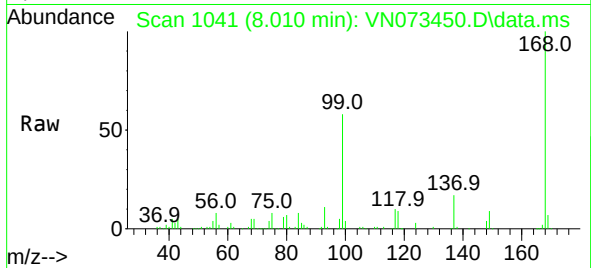




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

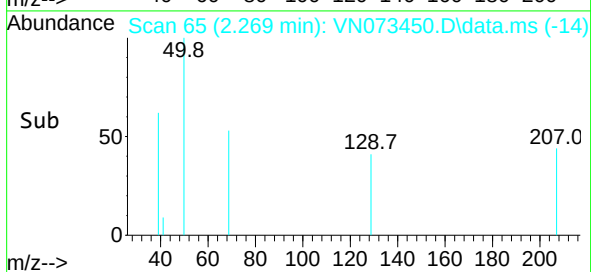
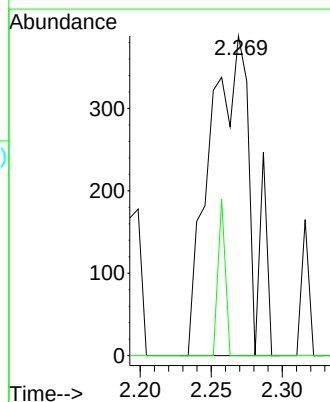
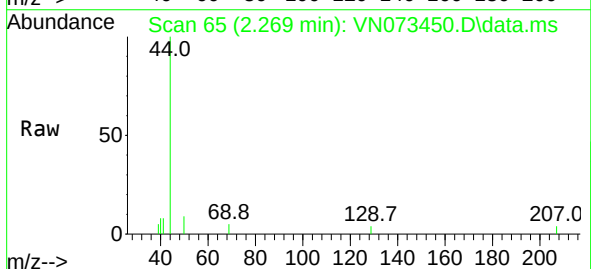
Instrument :
MSVOA_N
ClientSampleId :
31653

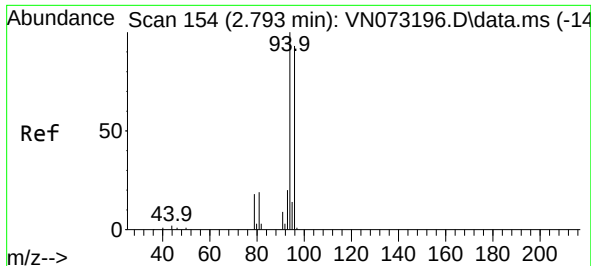
Tgt Ion:168 Resp: 268337
Ion Ratio Lower Upper
168 100
99 58.3 42.3 63.5



#3
Chloromethane
Concen: 0.208 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

Tgt Ion: 50 Resp: 794
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

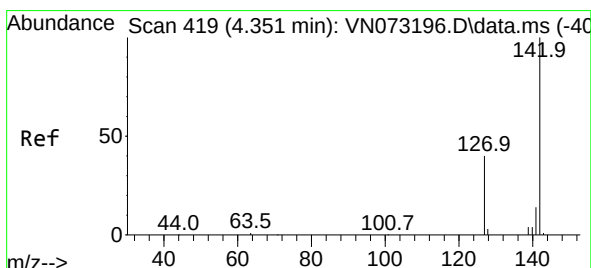
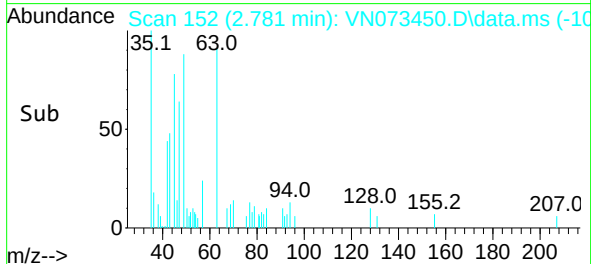
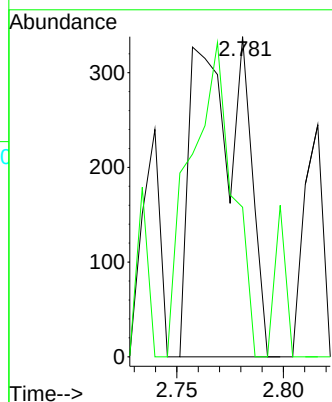
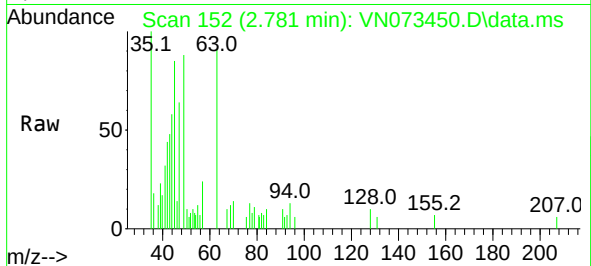




#5
Bromomethane
Concen: 0.368 ug/l
RT: 2.781 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

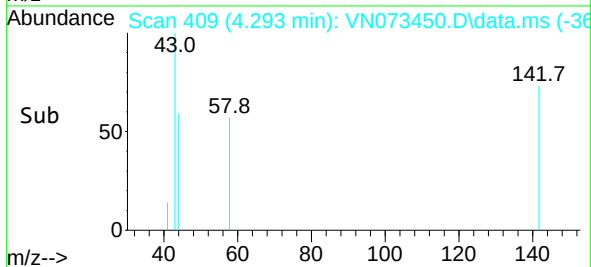
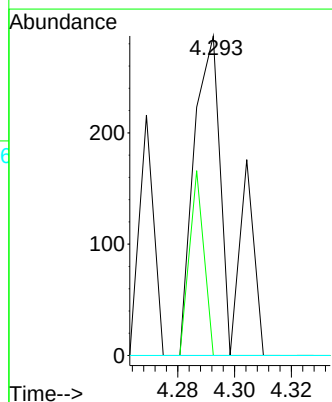
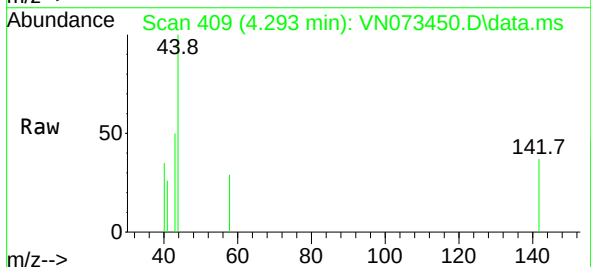
Instrument :
MSVOA_N
ClientSampleId :
31653

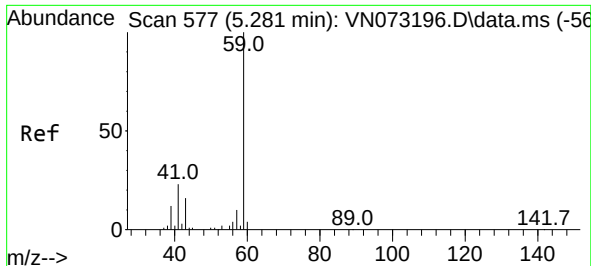
Tgt Ion: 94 Resp: 563
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#10
Methyl Iodide
Concen: 3.786 ug/l
RT: 4.293 min Scan# 409
Delta R.T. -0.058 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

Tgt Ion: 142 Resp: 242
Ion Ratio Lower Upper
142 100
127 24.4 31.3 46.9#
141 0.0 11.2 16.8#

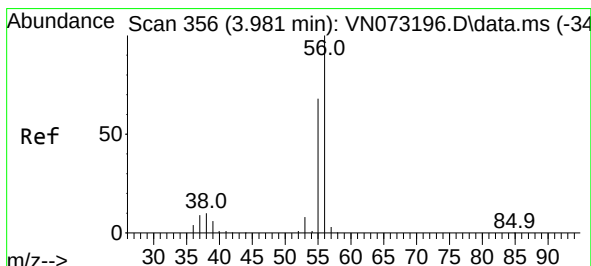
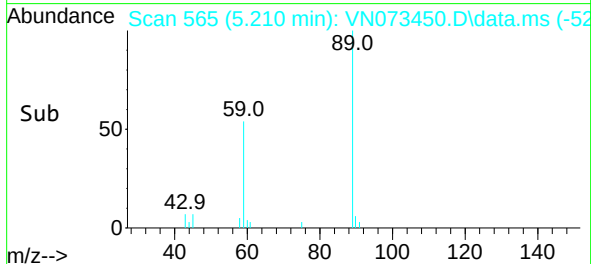
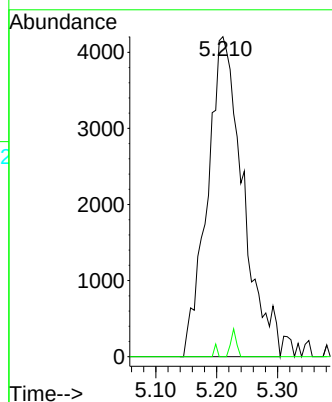
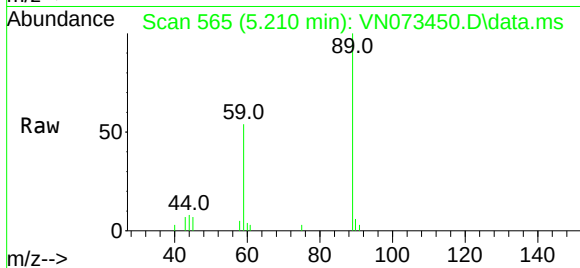




#11
Tert butyl alcohol
Concen: 18.232 ug/l
RT: 5.210 min Scan# 50
Delta R.T. -0.071 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

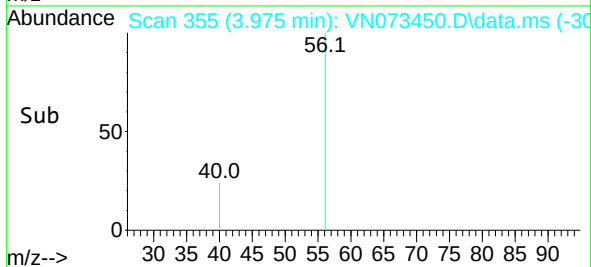
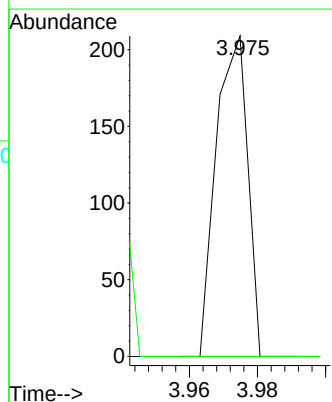
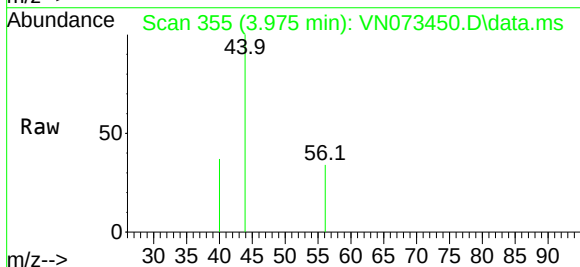
Instrument :
MSVOA_N
ClientSampleId :
31653

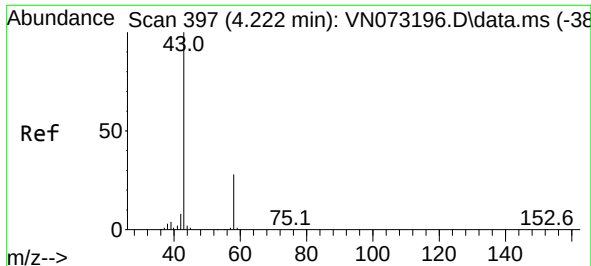
Tgt Ion: 59 Resp: 17109
Ion Ratio Lower Upper
59 100
57 0.3 8.3 12.5#



#13
Acrolein
Concen: 0.226 ug/l
RT: 3.975 min Scan# 355
Delta R.T. -0.006 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

Tgt Ion: 56 Resp: 134
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#

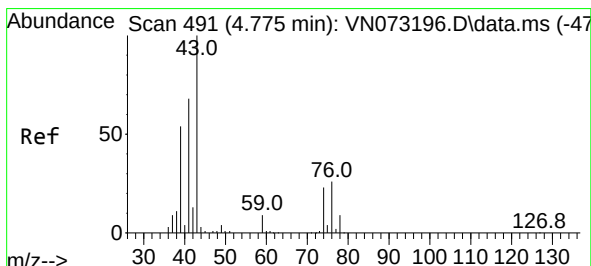
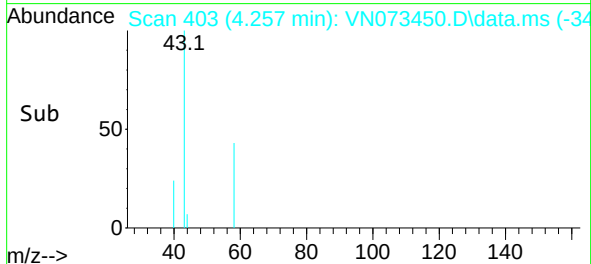
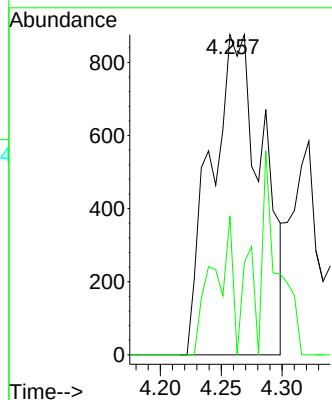
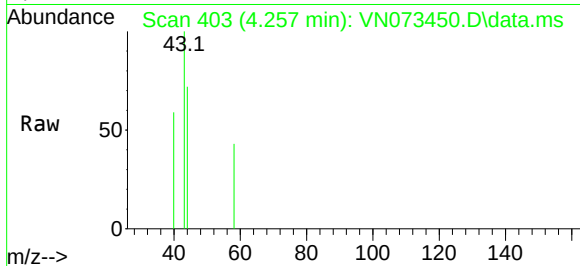




#16
Acetone
Concen: 1.192 ug/l
RT: 4.257 min Scan# 403
Delta R.T. 0.035 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

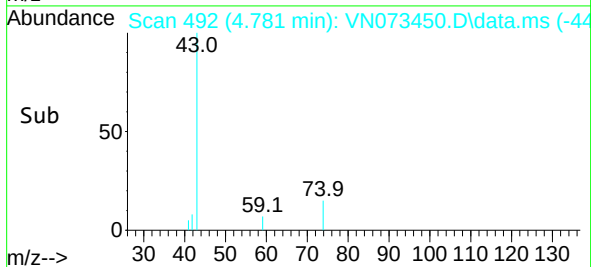
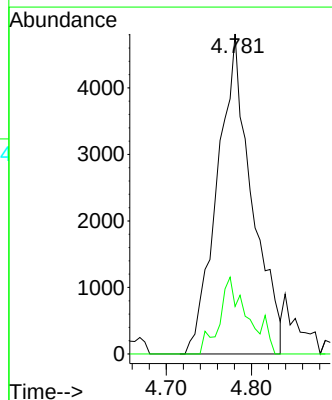
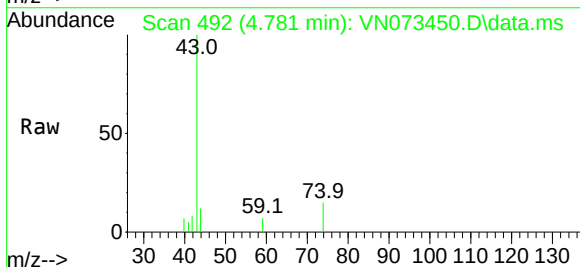
Instrument :
MSVOA_N
ClientSampleId :
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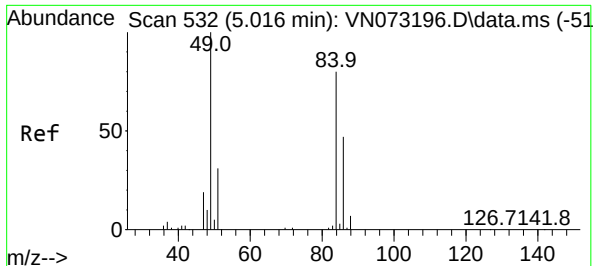
Tgt Ion: 43 Resp: 2592
Ion Ratio Lower Upper
43 100
58 43.3 26.0 39.0#



#18
Methyl Acetate
Concen: 2.222 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.006 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

Tgt Ion: 43 Resp: 13539
Ion Ratio Lower Upper
43 100
74 19.8 21.6 32.4#



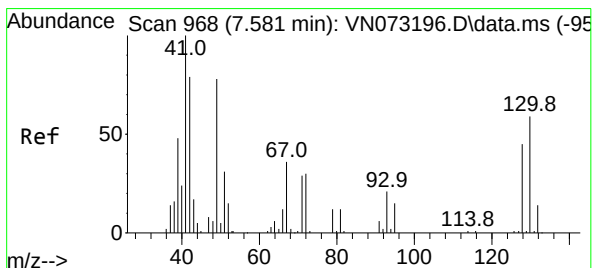
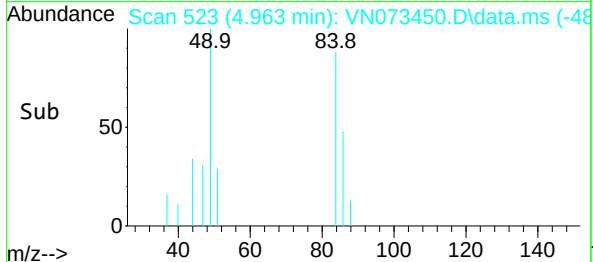
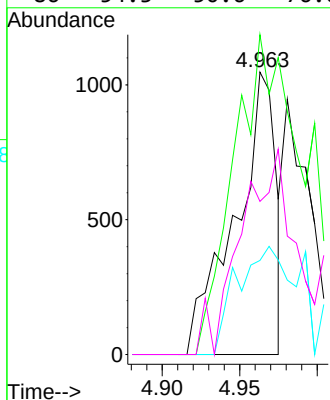
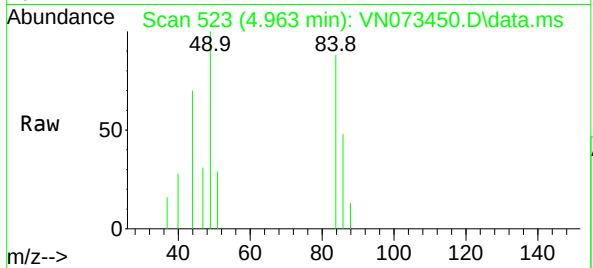


#20
Methylene Chloride
Concen: 0.497 ug/l
RT: 4.963 min Scan# 51
Delta R.T. -0.053 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

Instrument :
MSVOA_N
ClientSampleId :
31653

Tgt Ion: 84 Resp: 1899

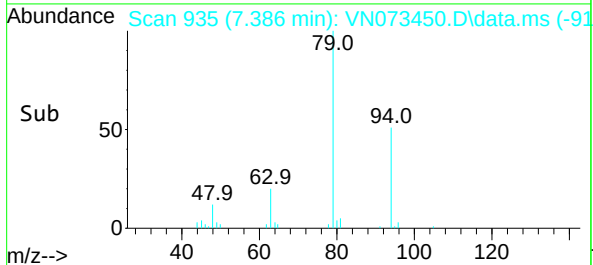
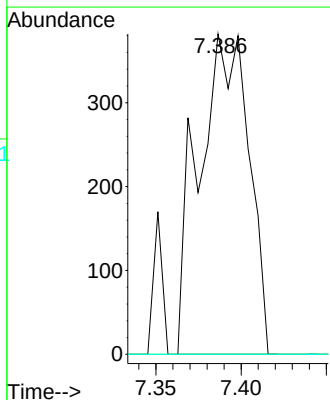
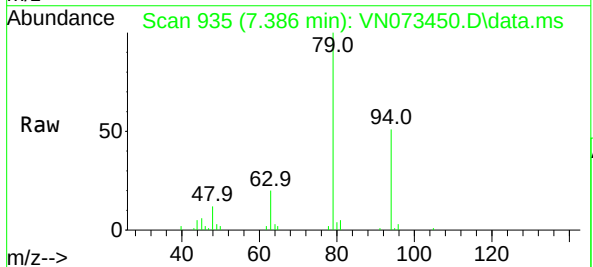
Ion	Ratio	Lower	Upper
84	100		
49	113.3	88.3	132.5
51	33.3	28.2	42.2
86	54.3	50.6	76.0

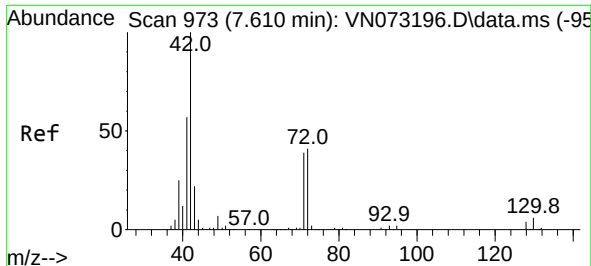


#28
Bromochloromethane
Concen: 0.291 ug/l
RT: 7.386 min Scan# 935
Delta R.T. -0.195 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

Tgt Ion: 49 Resp: 782

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	0.0	69.7	104.5





#29

Tetrahydrofuran

Concen: 0.720 ug/l

RT: 7.628 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN073450.D

Acq: 13 Jul 2022 15:25

Instrument :

MSVOA_N

ClientSampleId :

31653

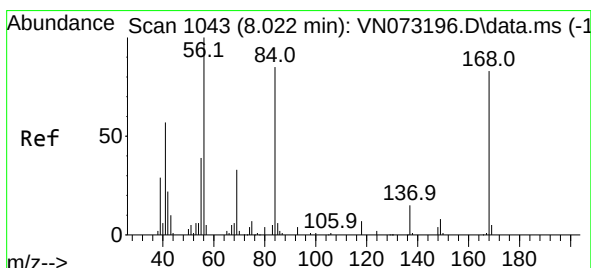
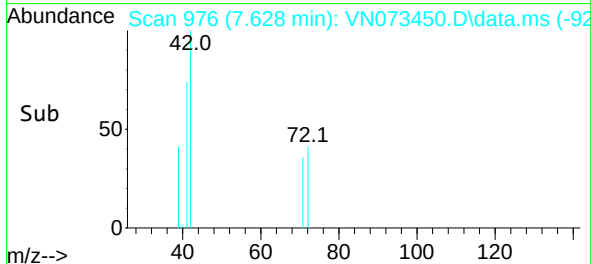
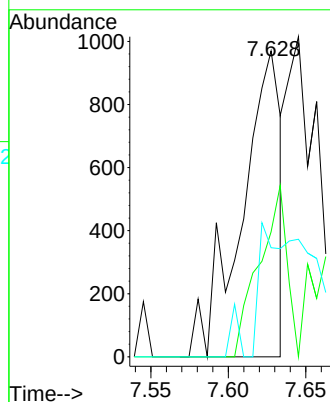
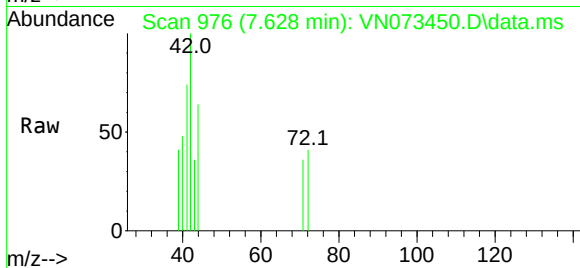
Tgt Ion: 42 Resp: 1707

Ion Ratio Lower Upper

42 100

72 39.4 39.7 59.5#

71 26.5 36.6 55.0#



#31

Cyclohexane

Concen: 8.383 ug/l

RT: 7.980 min Scan# 1036

Delta R.T. -0.042 min

Lab File: VN073450.D

Acq: 13 Jul 2022 15:25

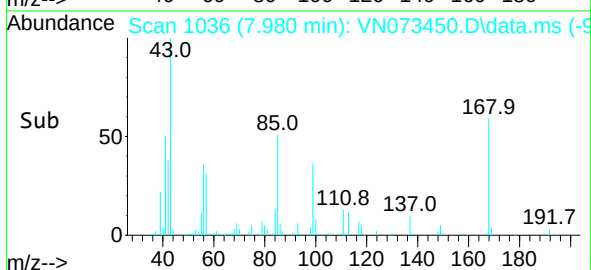
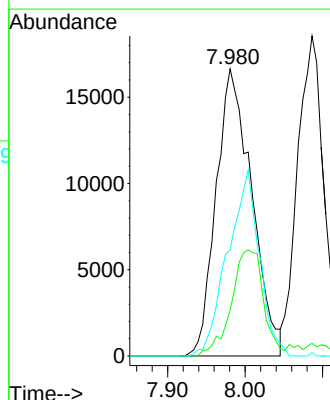
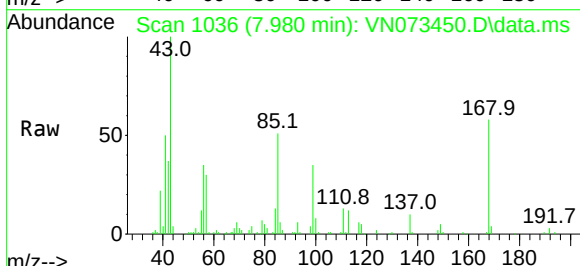
Tgt Ion: 56 Resp: 53181

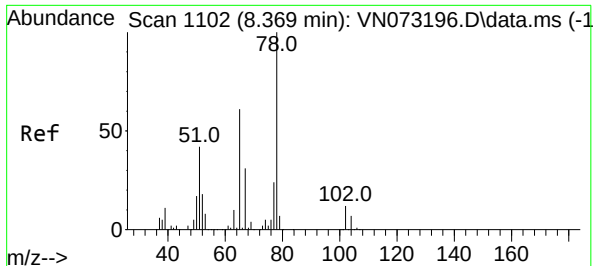
Ion Ratio Lower Upper

56 100

69 16.1 27.8 41.8#

84 37.1 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 43.586 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN073450.D

Acq: 13 Jul 2022 15:25

Instrument :

MSVOA_N

ClientSampleId :

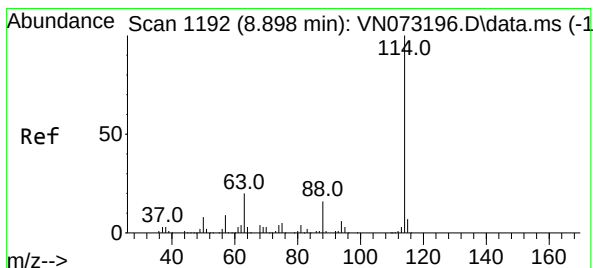
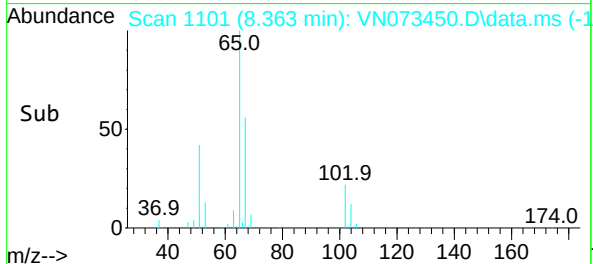
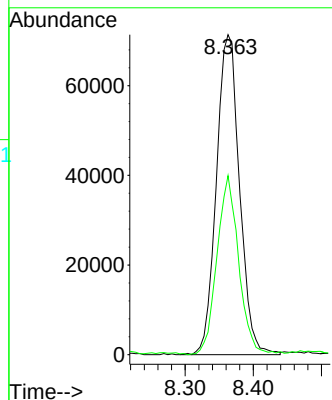
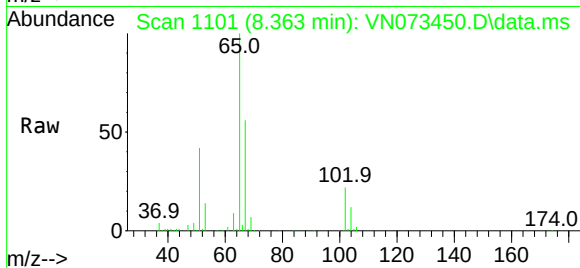
31653

Tgt Ion: 65 Resp: 168839

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073450.D

Acq: 13 Jul 2022 15:25

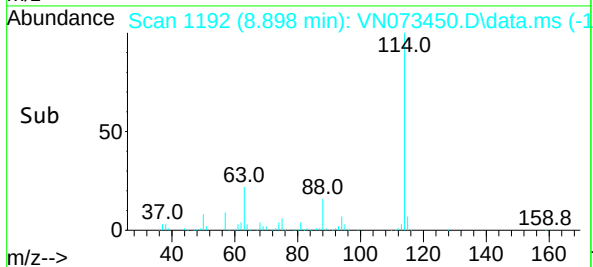
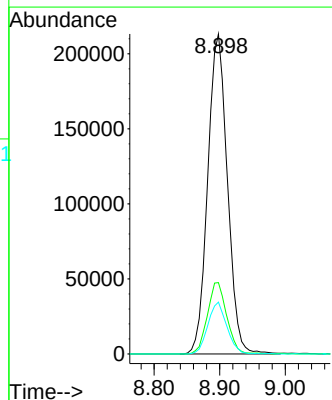
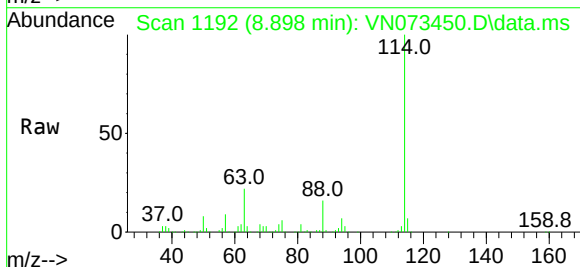
Tgt Ion: 114 Resp: 444696

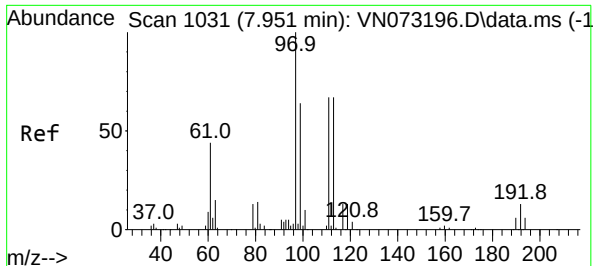
Ion Ratio Lower Upper

114 100

63 22.3 0.0 40.0

88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.588 ug/l

RT: 7.939 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VN073450.D

Acq: 13 Jul 2022 15:25

Instrument :

MSVOA_N

ClientSampleId :

31653

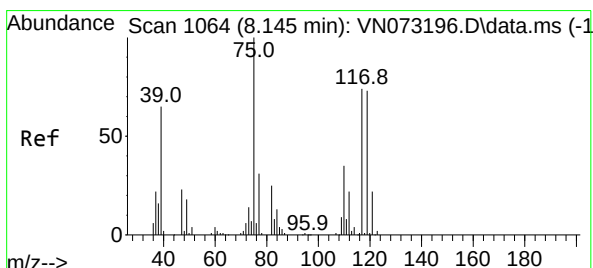
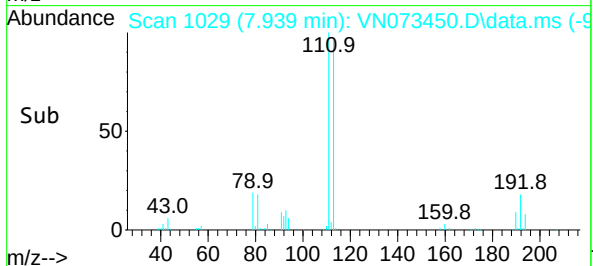
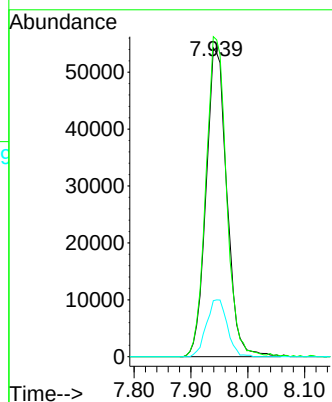
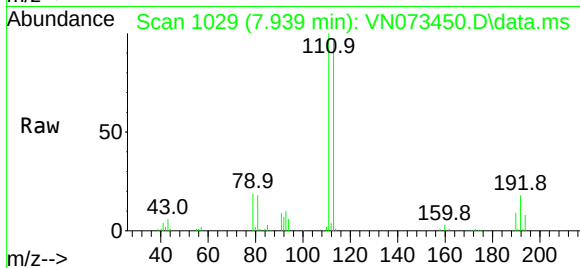
Tgt Ion:113 Resp: 137838

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 18.4 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.793 ug/l

RT: 8.004 min Scan# 1040

Delta R.T. -0.141 min

Lab File: VN073450.D

Acq: 13 Jul 2022 15:25

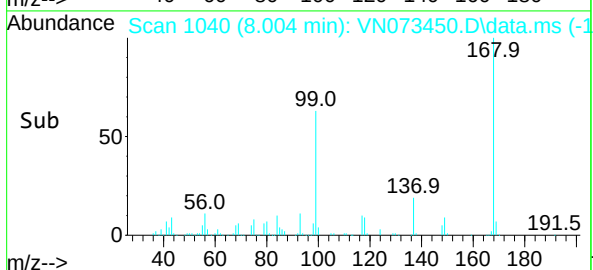
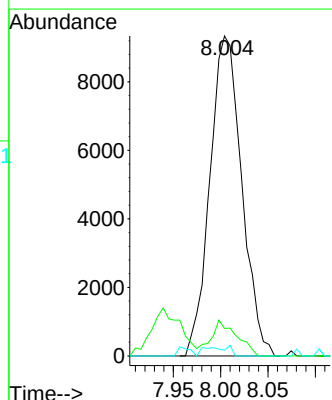
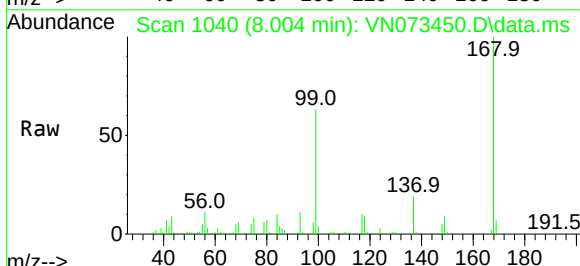
Tgt Ion: 75 Resp: 21818

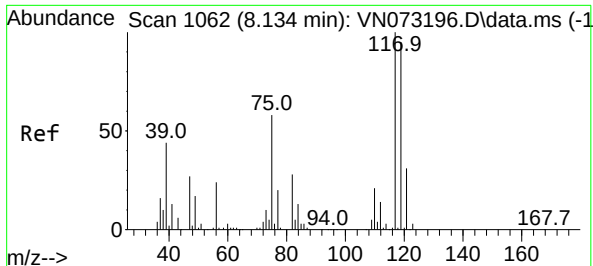
Ion Ratio Lower Upper

75 100

110 9.1 18.3 54.8#

77 2.2 25.1 37.7#

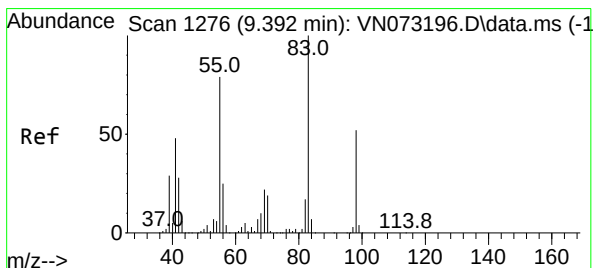
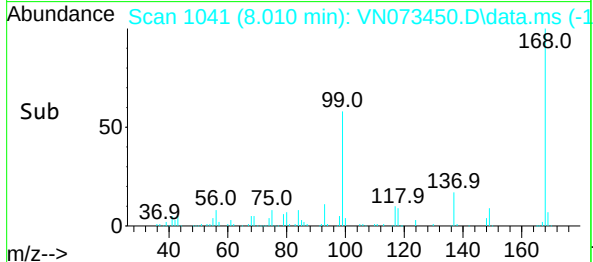
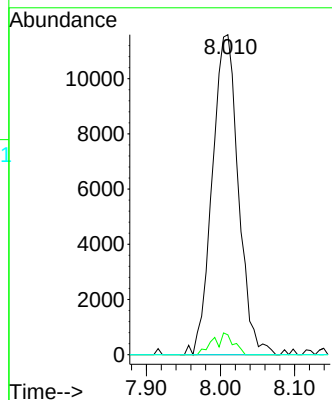
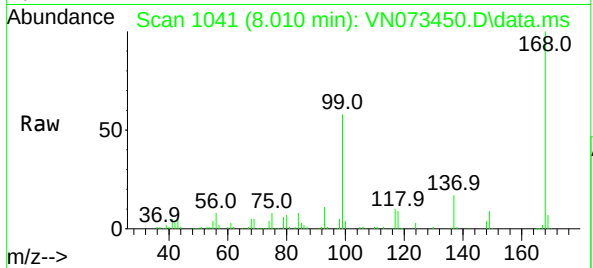




#38
Carbon Tetrachloride
Concen: 6.037 ug/l
RT: 8.010 min Scan# 1062
Delta R.T. -0.124 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

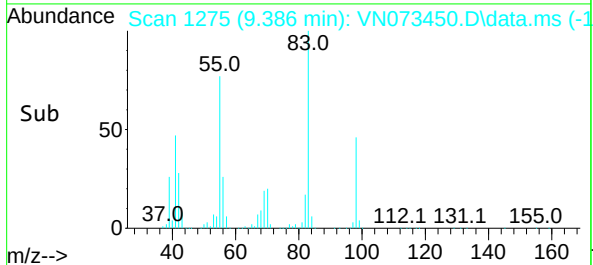
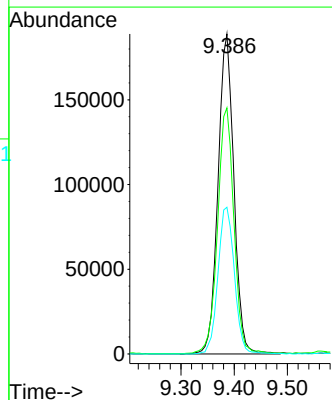
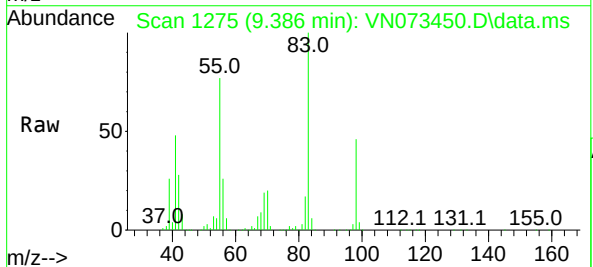
Instrument :
MSVOA_N
ClientSampleId :
31653

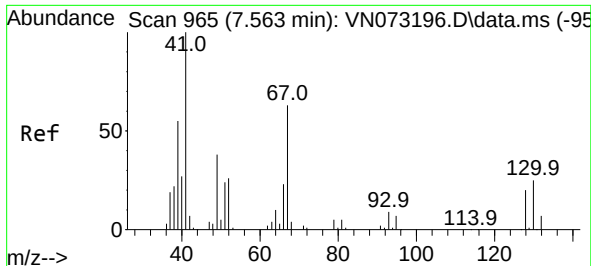
Tgt Ion:117 Resp: 28419
Ion Ratio Lower Upper
117 100
119 6.2 75.8 113.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 68.831 ug/l
RT: 9.386 min Scan# 1275
Delta R.T. -0.006 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

Tgt Ion: 83 Resp: 390115
Ion Ratio Lower Upper
83 100
55 76.8 57.8 86.8
98 45.8 39.4 59.2

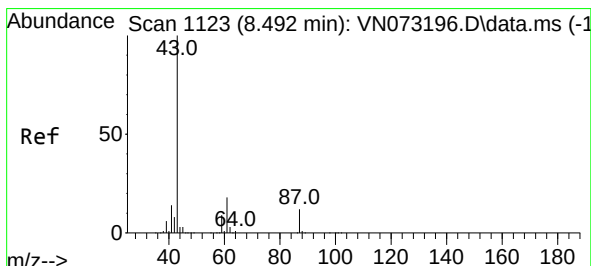
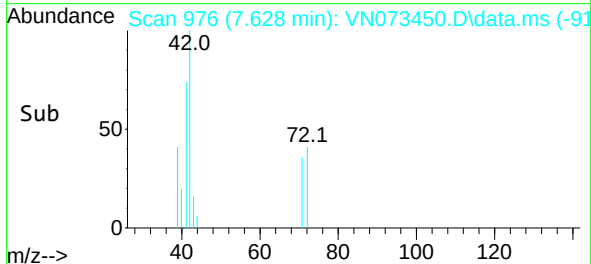
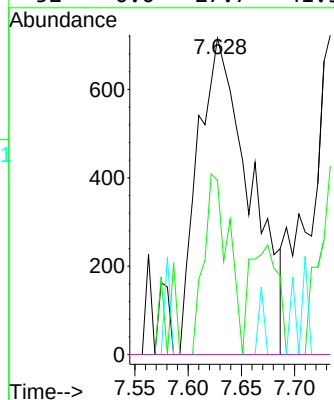
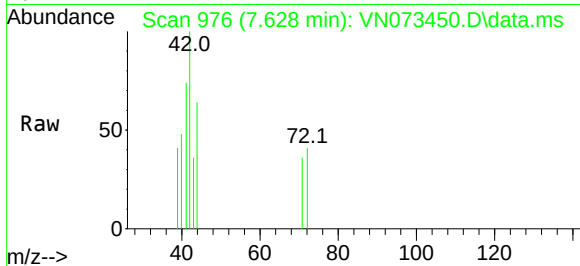




#41
Methacrylonitrile
Concen: 0.735 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.065 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

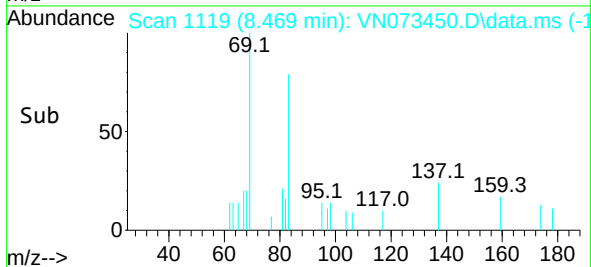
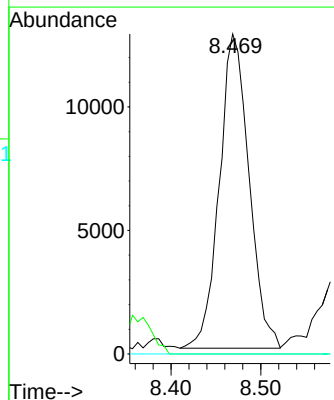
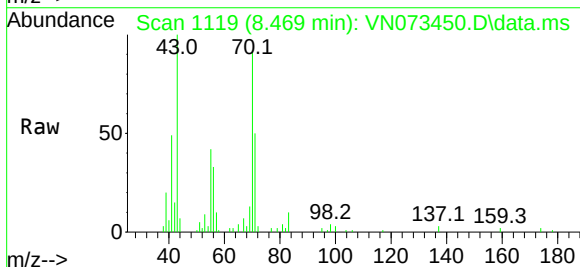
Instrument :
MSVOA_N
ClientSampleId :
31653

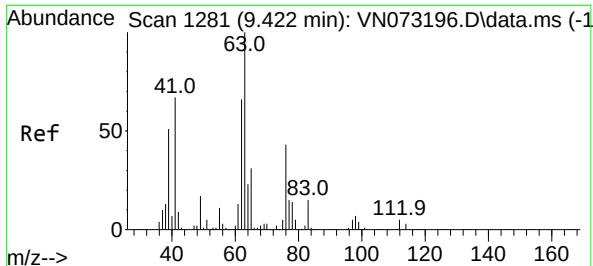
Tgt Ion:	41	Resp:	2451
Ion	Ratio	Lower	Upper
41	100		
39	26.8	48.6	73.0#
67	0.0	73.4	110.2#
52	0.0	27.7	41.5#



#43
Isopropyl Acetate
Concen: 2.960 ug/l
RT: 8.469 min Scan# 1119
Delta R.T. -0.023 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

Tgt Ion:	43	Resp:	29258
Ion	Ratio	Lower	Upper
43	100		
61	0.0	21.9	32.9#
87	0.0	12.0	18.0#





#45

1,2-Dichloropropane

Concen: 1.125 ug/l

RT: 9.386 min Scan# 11

Delta R.T. -0.036 min

Lab File: VN073450.D

Acq: 13 Jul 2022 15:25

Instrument :

MSVOA_N

ClientSampleId :

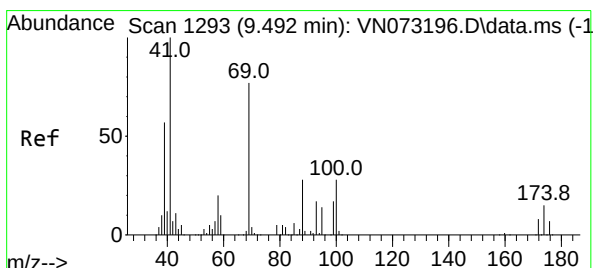
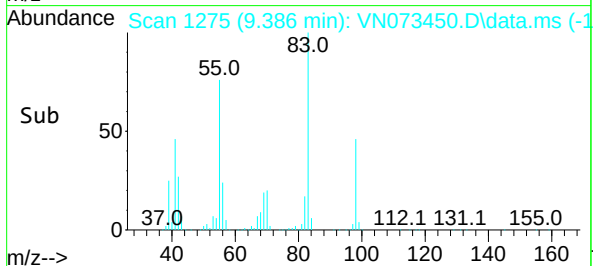
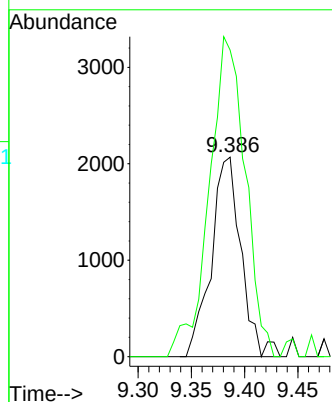
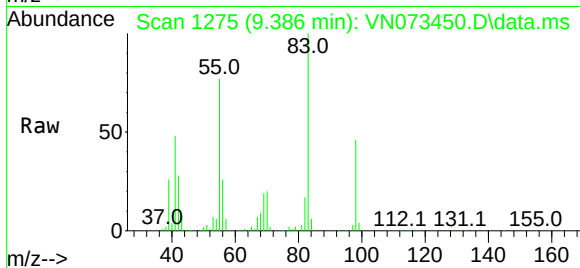
31653

Tgt Ion: 63 Resp: 4028

Ion Ratio Lower Upper

63 100

65 153.6 24.9 37.3#



#48

Methyl methacrylate

Concen: 42.857 ug/l

RT: 9.386 min Scan# 1275

Delta R.T. -0.106 min

Lab File: VN073450.D

Acq: 13 Jul 2022 15:25

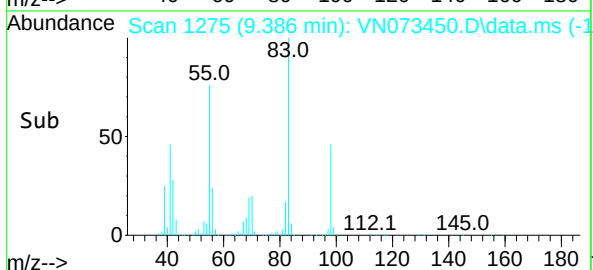
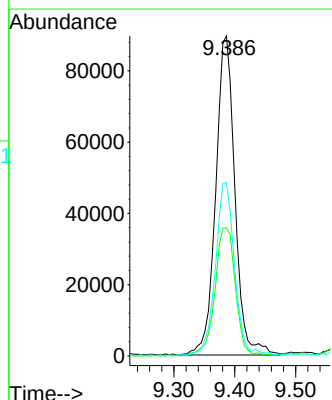
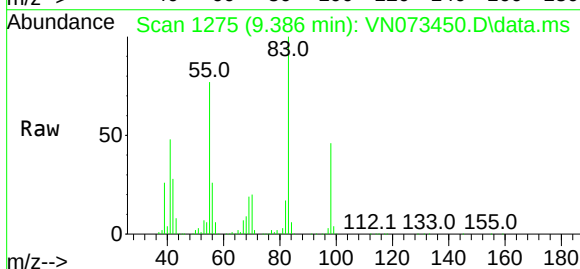
Tgt Ion: 41 Resp: 196165

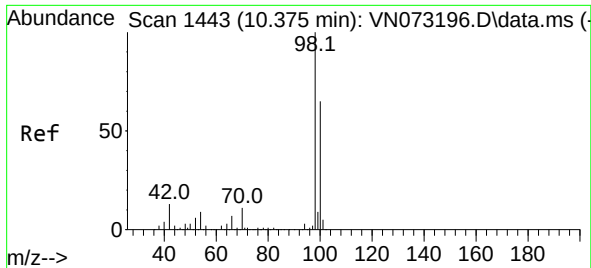
Ion Ratio Lower Upper

41 100

69 43.5 74.7 112.1#

39 55.1 45.6 68.4

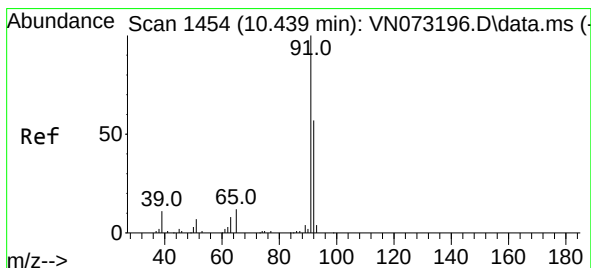
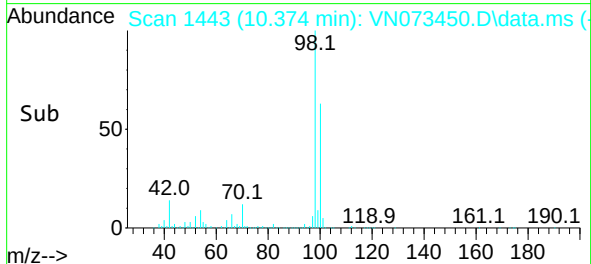
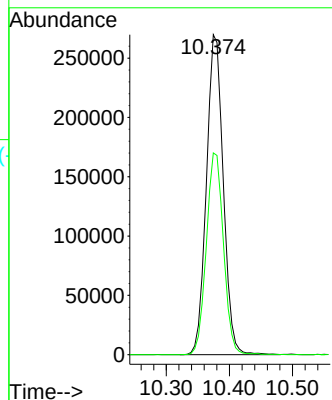
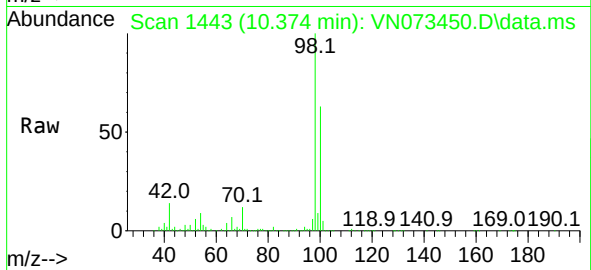




#50
Toluene-d8
Concen: 47.534 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.001 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

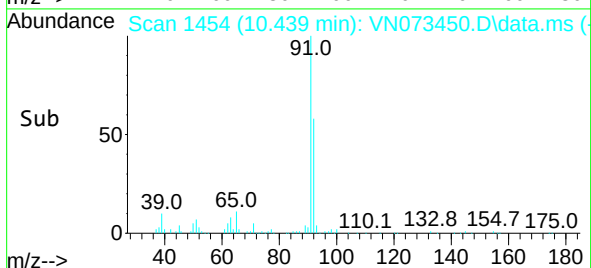
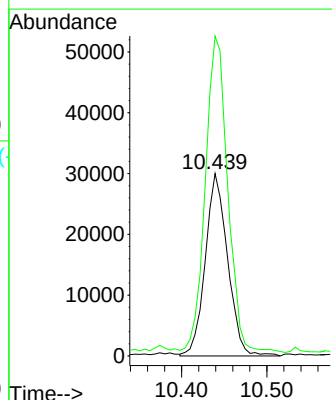
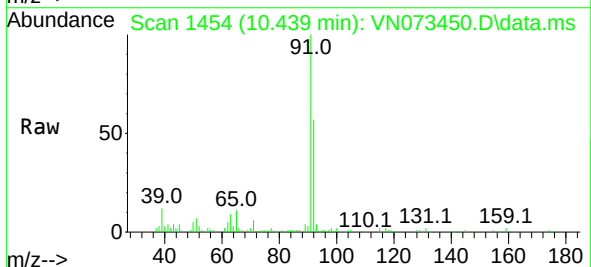
Instrument :
MSVOA_N
ClientSampleId :
31653

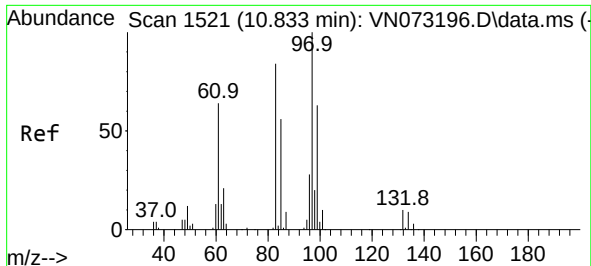
Tgt Ion: 98 Resp: 499494
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#52
Toluene
Concen: 6.283 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

Tgt Ion: 92 Resp: 54557
Ion Ratio Lower Upper
92 100
91 174.2 138.6 207.8

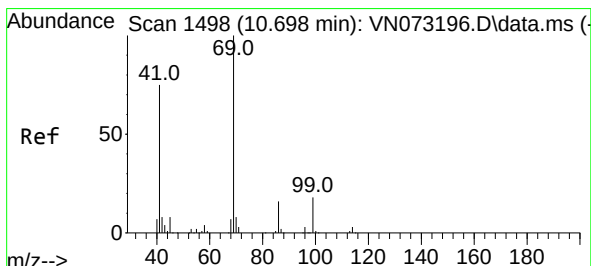
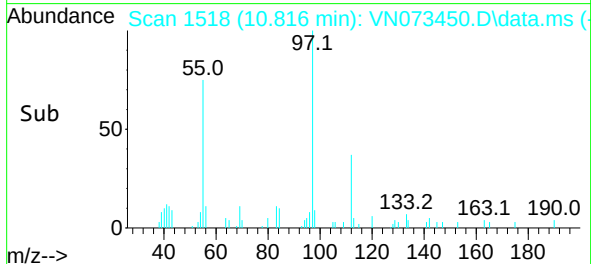
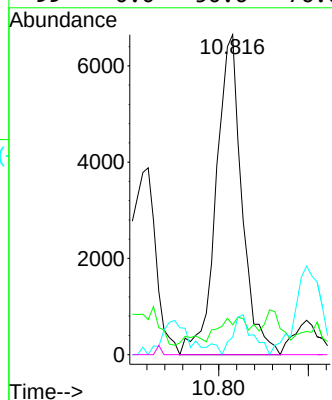
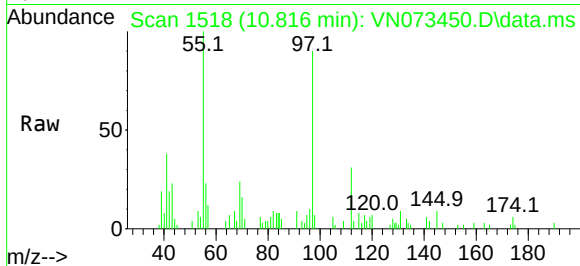




#55
1,1,2-Trichloroethane
Concen: 3.692 ug/l
RT: 10.816 min Scan# 1518
Delta R.T. -0.017 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

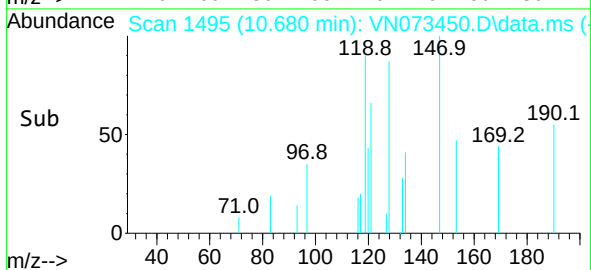
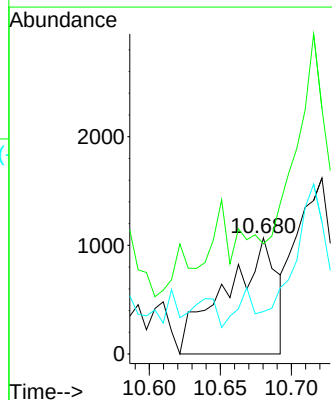
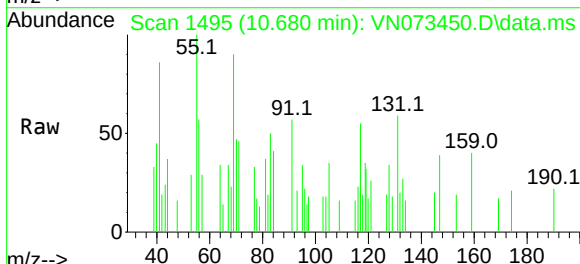
Instrument : MSVOA_N
ClientSampleId : 31653

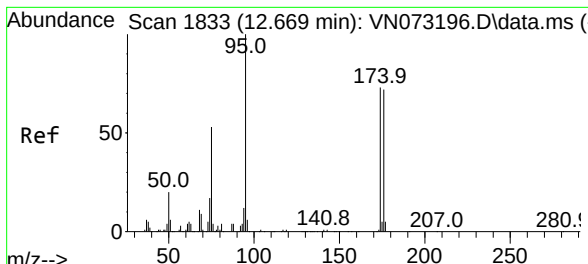
Tgt Ion: 97	Resp: 13196
Ion Ratio	Lower Upper
97 100	
83 5.7	66.2 99.4#
85 1.8	43.9 65.9#
99 0.0	50.6 76.0#



#56
Ethyl methacrylate
Concen: 0.461 ug/l
RT: 10.680 min Scan# 1495
Delta R.T. -0.018 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

Tgt Ion: 69	Resp: 2666
Ion Ratio	Lower Upper
69 100	
41 0.0	47.8 71.6#
39 0.0	27.3 40.9#



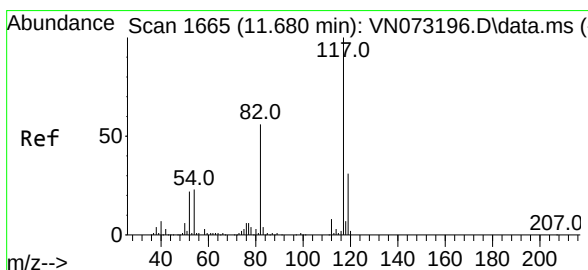
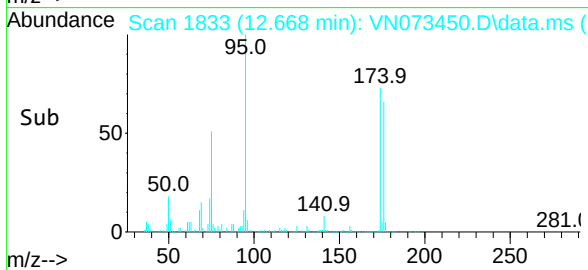
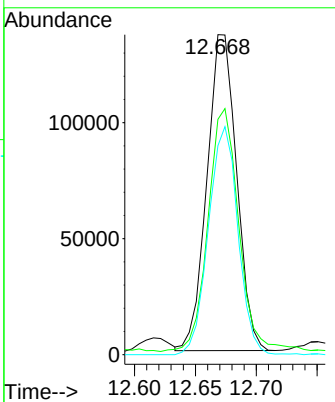
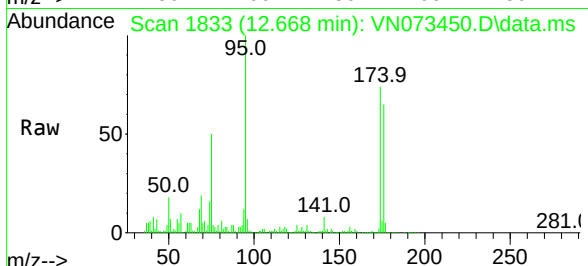


#62
4-Bromofluorobenzene
Concen: 57.355 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

Instrument :
MSVOA_N
ClientSampleId :
31653

Tgt Ion: 95 Resp: 231612

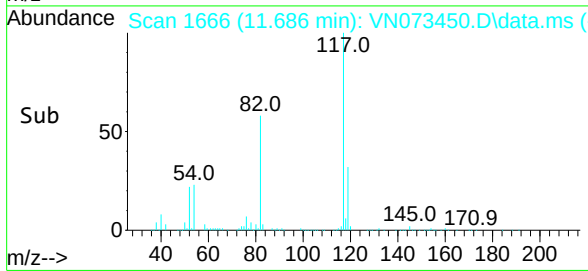
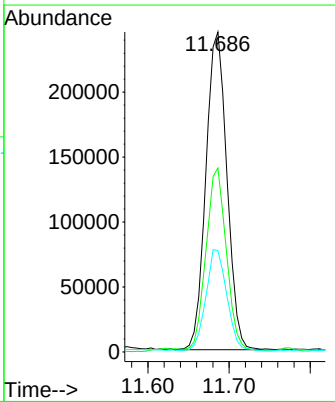
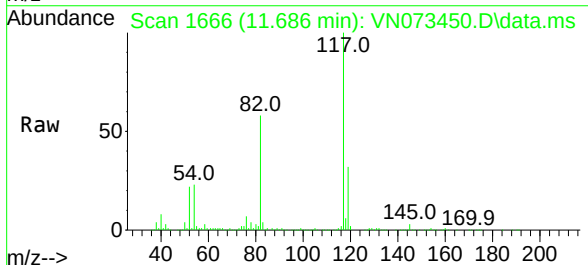
Ion	Ratio	Lower	Upper
95	100		
174	81.8	0.0	167.6
176	71.6	0.0	163.4

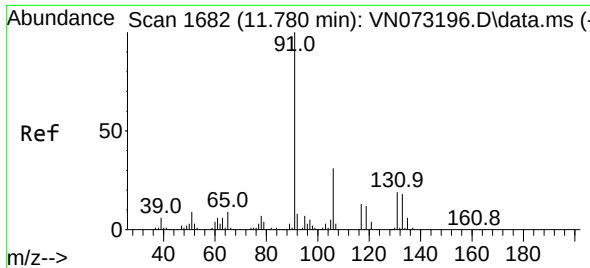


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

Tgt Ion: 117 Resp: 439525

Ion	Ratio	Lower	Upper
117	100		
82	57.5	44.2	66.2
119	31.4	25.4	38.0

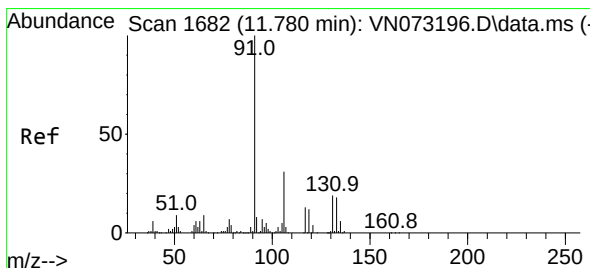
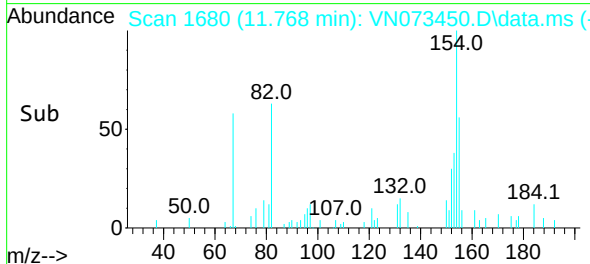
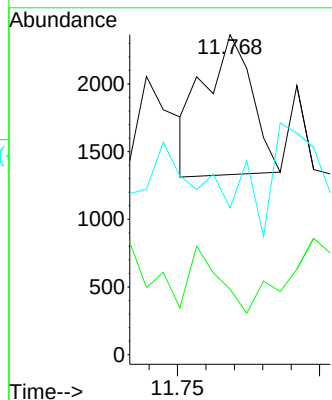
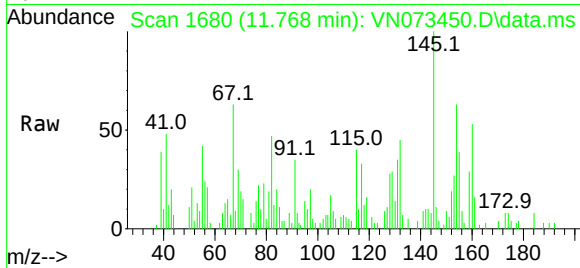




#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.331 ug/l
 RT: 11.768 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: VN073450.D
 Acq: 13 Jul 2022 15:25

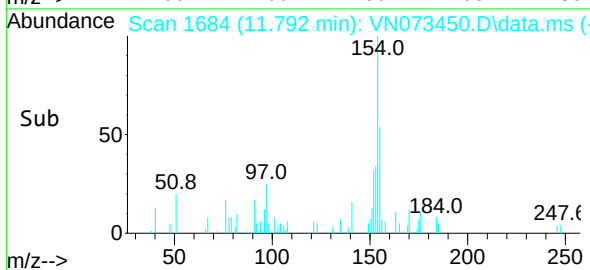
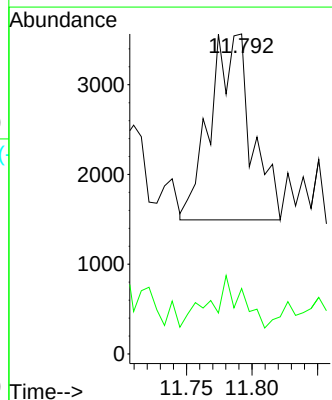
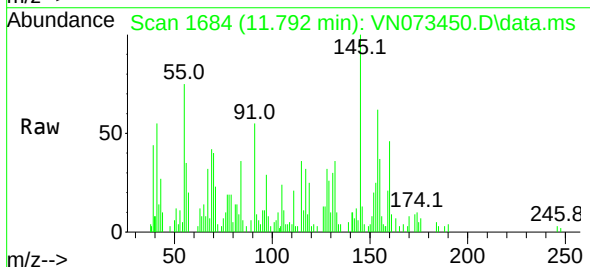
Instrument :
 MSVOA_N
 ClientSampleId :
 31653

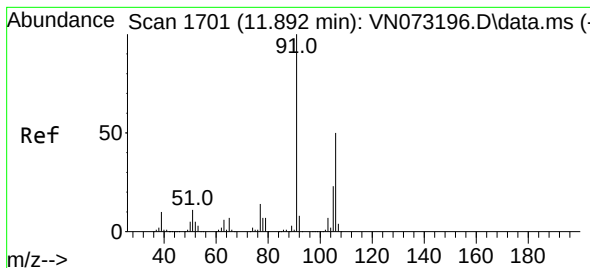
Tgt Ion:131 Resp: 1210
 Ion Ratio Lower Upper
 131 100
 133 28.3 47.8 143.4#
 119 0.0 33.4 100.2#



#67
 Ethyl Benzene
 Concen: 0.251 ug/l
 RT: 11.792 min Scan# 1684
 Delta R.T. 0.012 min
 Lab File: VN073450.D
 Acq: 13 Jul 2022 15:25

Tgt Ion: 91 Resp: 4528
 Ion Ratio Lower Upper
 91 100
 106 20.9 24.9 37.3#

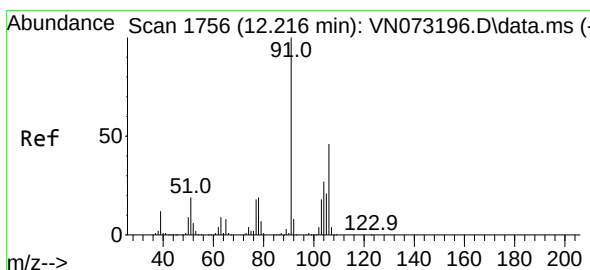
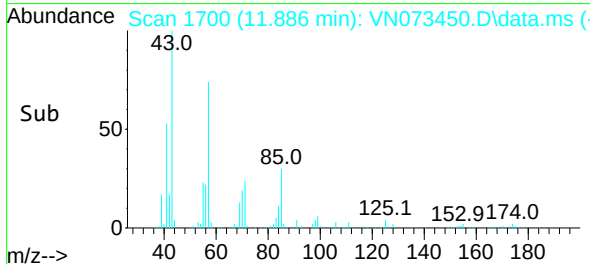
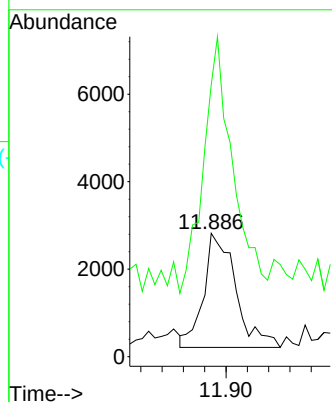
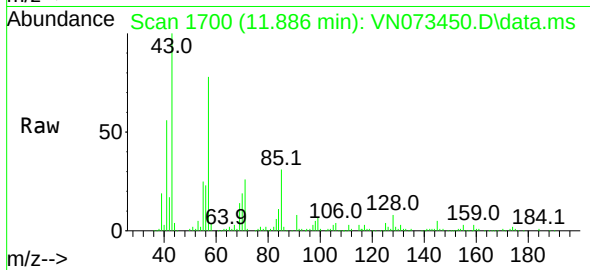




#68
m/p-Xylenes
Concen: 0.800 ug/l
RT: 11.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

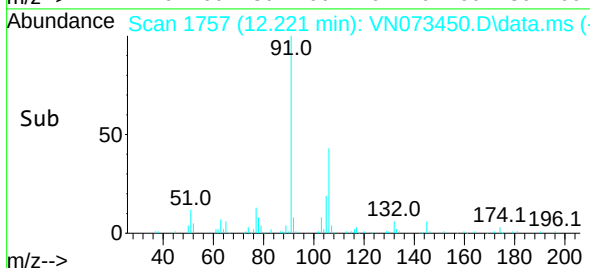
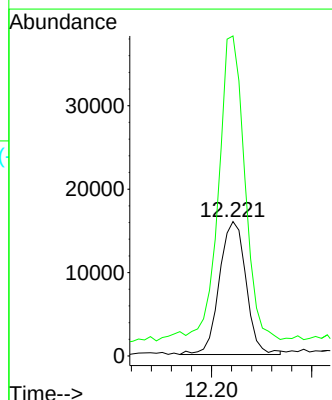
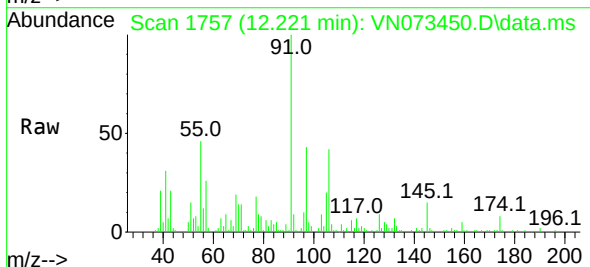
Instrument :
MSVOA_N
ClientSampleId :
31653

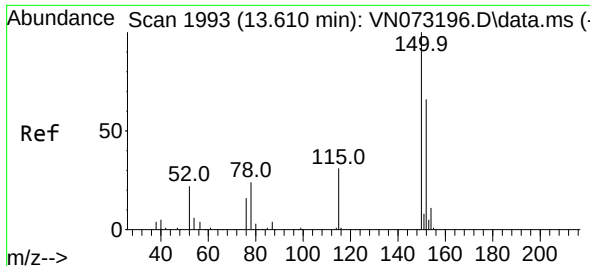
Tgt Ion:106 Resp: 5452
Ion Ratio Lower Upper
106 100
91 205.5 158.9 238.3



#69
o-Xylene
Concen: 4.228 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.005 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

Tgt Ion:106 Resp: 29400
Ion Ratio Lower Upper
106 100
91 235.7 106.0 318.0

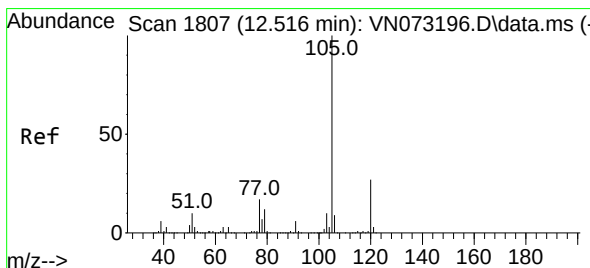
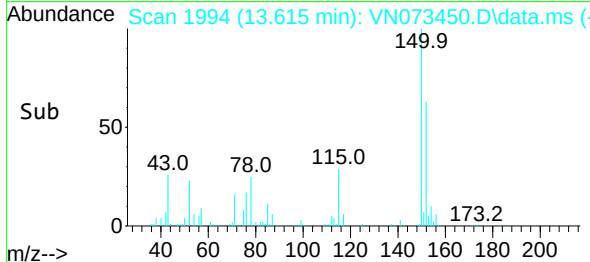
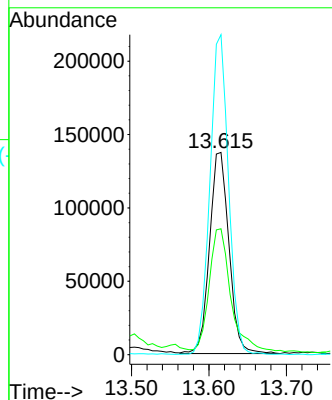
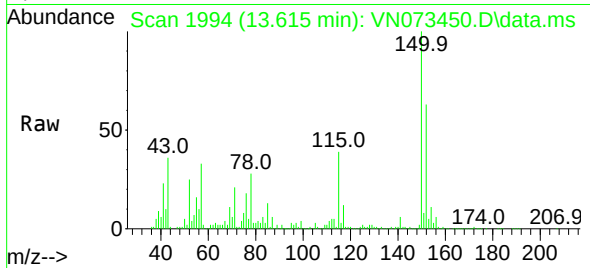




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.005 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

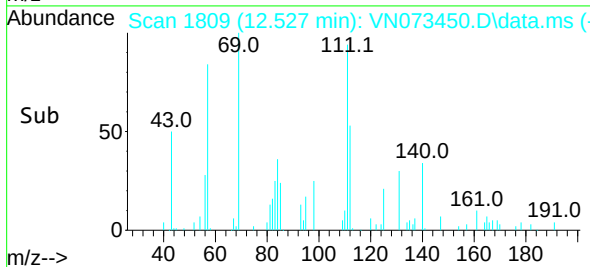
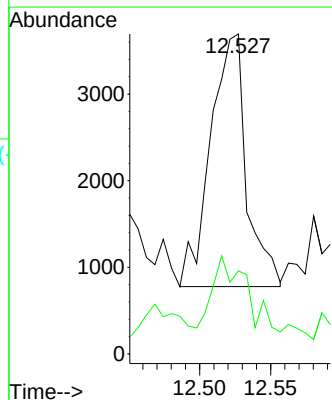
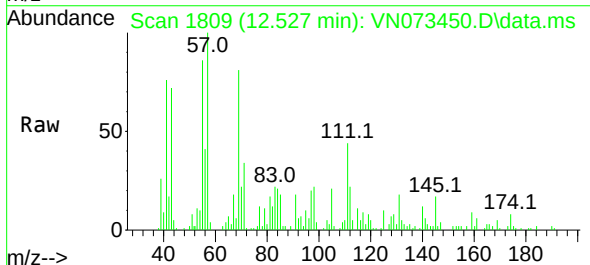
Instrument :
MSVOA_N
ClientSampleId :
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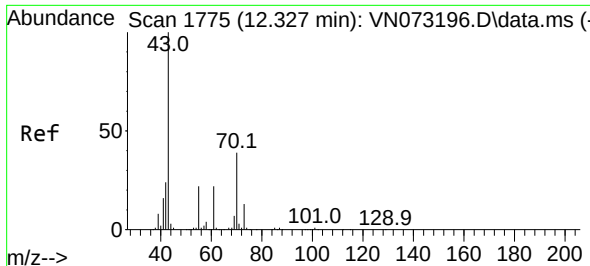
Tgt Ion:152 Resp: 238524
Ion Ratio Lower Upper
152 100
115 70.8 28.9 86.7
150 152.2 0.0 356.2



#73
Isopropylbenzene
Concen: 0.248 ug/l
RT: 12.527 min Scan# 1809
Delta R.T. 0.011 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

Tgt Ion:105 Resp: 5117
Ion Ratio Lower Upper
105 100
120 32.3 13.5 40.4



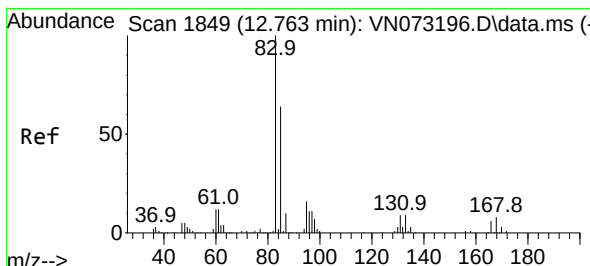
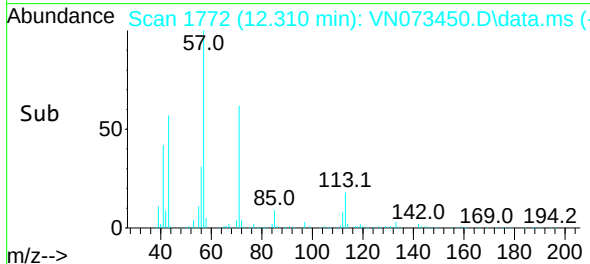
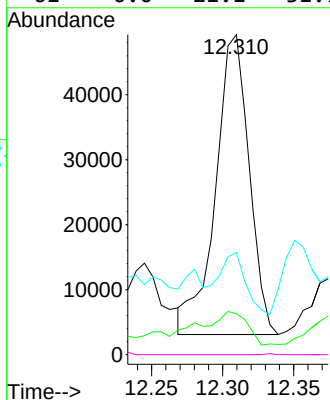
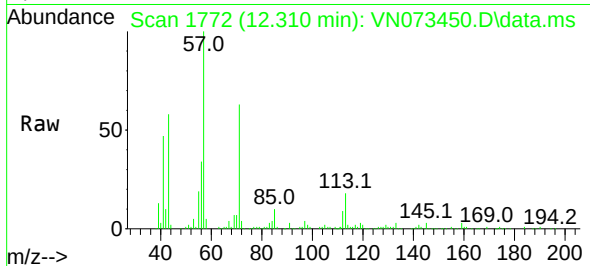


#74
N-amy1 acetate
Concen: 7.351 ug/l
RT: 12.310 min Scan# 11
Delta R.T. -0.017 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

Instrument :
MSVOA_N
ClientSampleId :
31653

Tgt Ion: 43 Resp: 75815

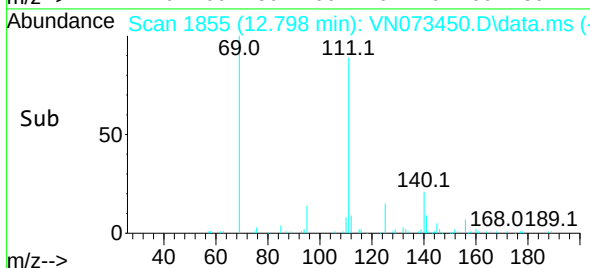
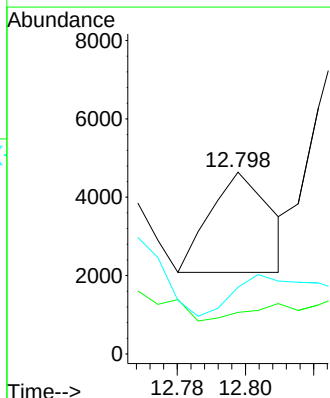
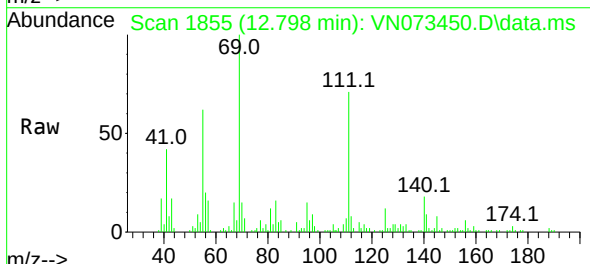
Ion	Ratio	Lower	Upper
43	100		
70	15.4	39.0	58.4#
55	15.1	21.1	31.7#
61	0.0	21.1	31.7#

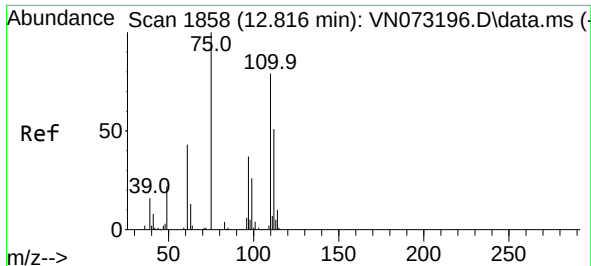


#75
1,1,2,2-Tetrachloroethane
Concen: 0.457 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.035 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

Tgt Ion: 83 Resp: 3123

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.3	15.9#
85	0.0	32.3	96.9#

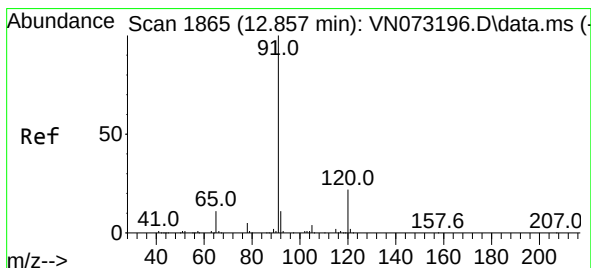
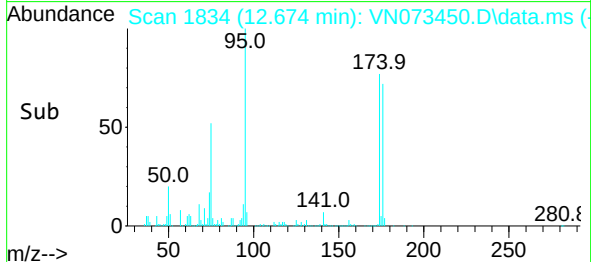
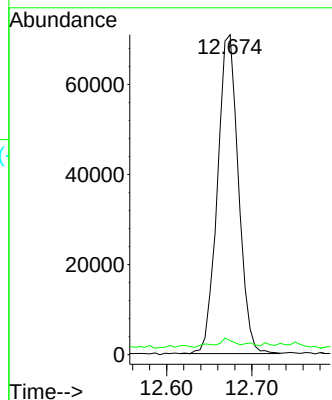
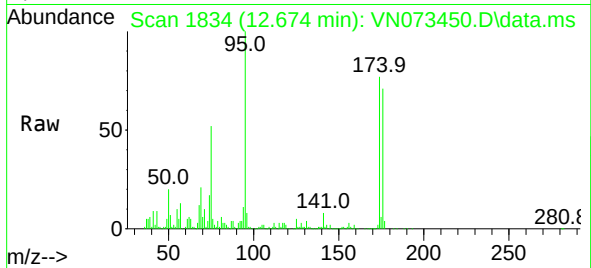




#76
1,2,3-Trichloropropane
Concen: 19.426 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.142 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

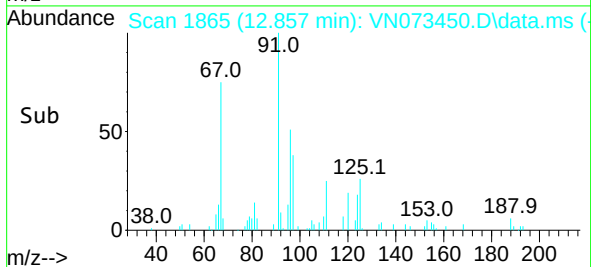
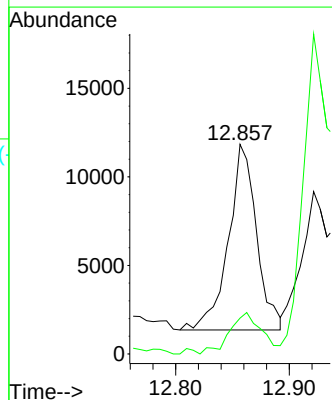
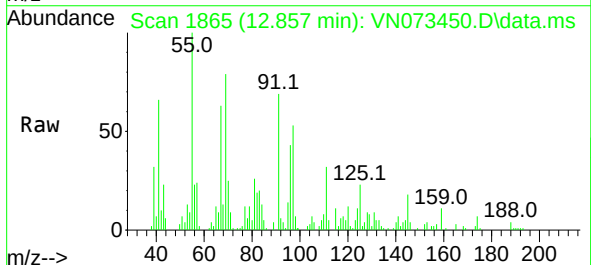
Instrument :
MSVOA_N
ClientSampleId :
31653

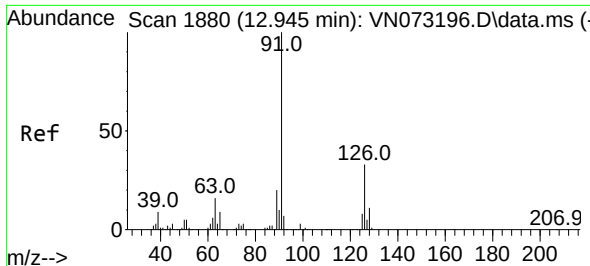
Tgt Ion: 75 Resp: 121156
Ion Ratio Lower Upper
75 100
77 2.4 98.5 295.5#



#78
n-propylbenzene
Concen: 0.792 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

Tgt Ion: 91 Resp: 18125
Ion Ratio Lower Upper
91 100
120 25.7 11.9 35.5

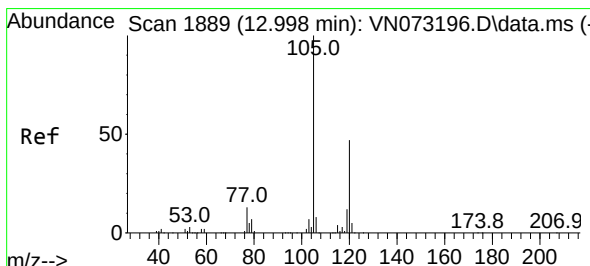
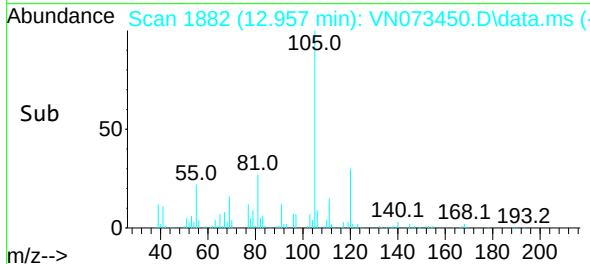
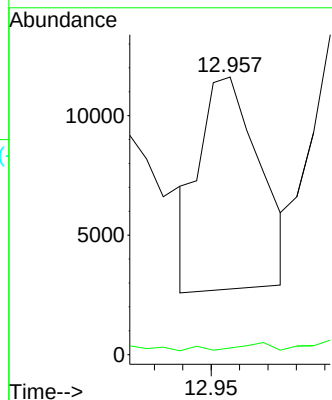
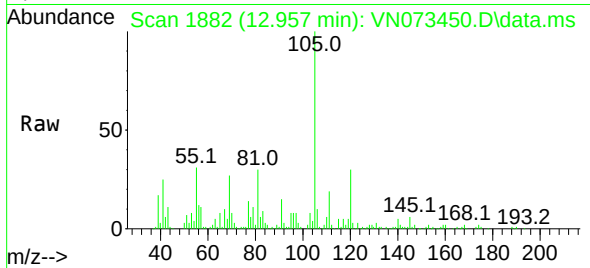




#79
2-Chlorotoluene
Concen: 0.896 ug/l
RT: 12.957 min Scan# 1882
Delta R.T. 0.012 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

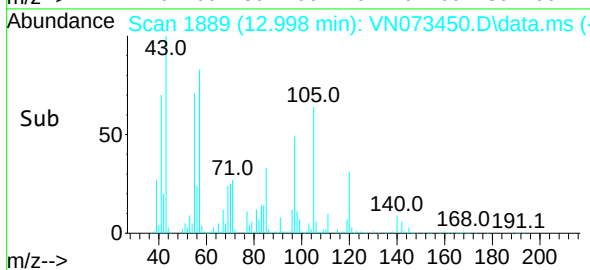
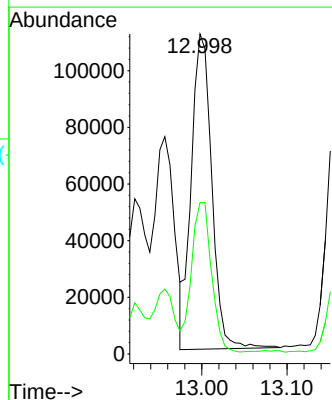
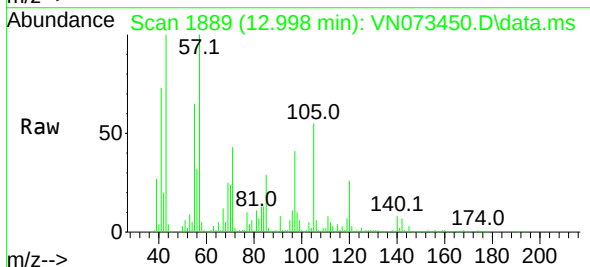
Instrument :
MSVOA_N
ClientSampleId :
31653

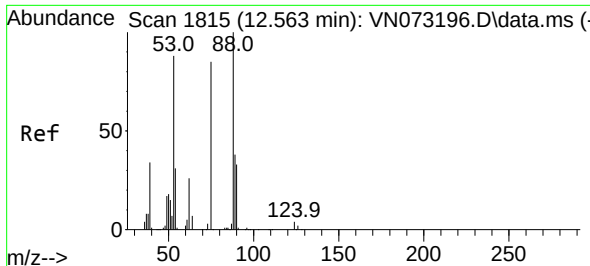
Tgt Ion: 91 Resp: 12975
Ion Ratio Lower Upper
91 100
126 1.6 17.3 51.9#



#80
1,3,5-Trimethylbenzene
Concen: 11.038 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

Tgt Ion: 105 Resp: 185306
Ion Ratio Lower Upper
105 100
120 46.8 24.9 74.7

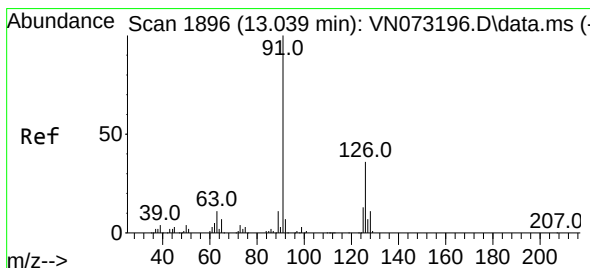
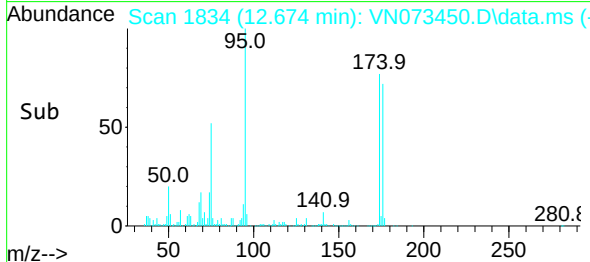
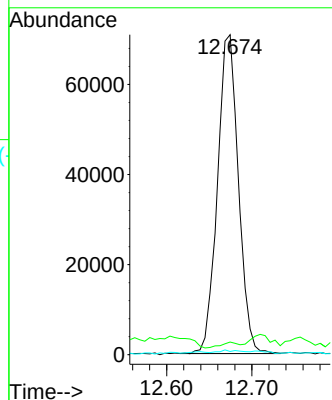
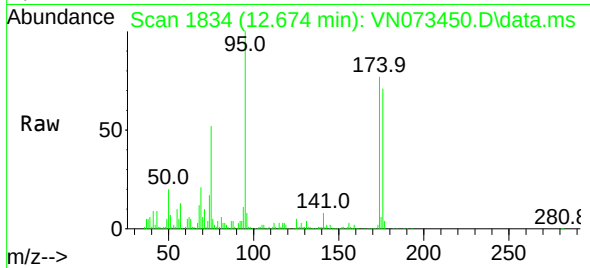




#81
trans-1,4-Dichloro-2-butene
Concen: 53.274 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.111 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

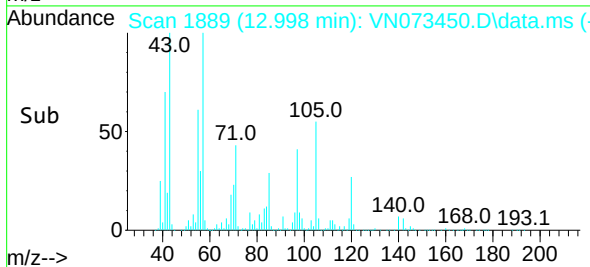
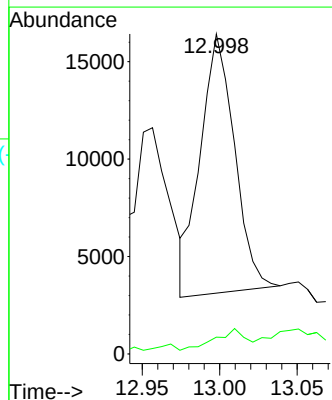
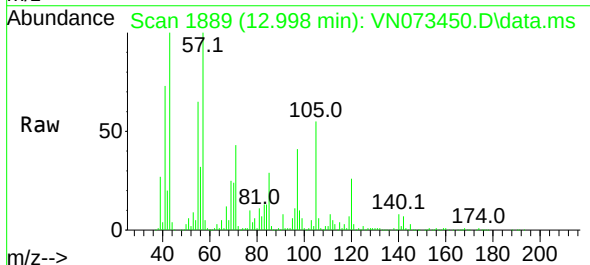
Instrument :
MSVOA_N
ClientSampleId :
31653

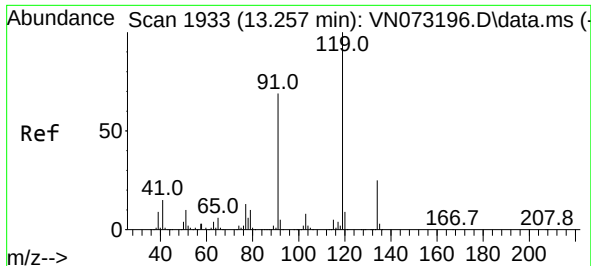
Tgt Ion: 75 Resp: 121156
Ion Ratio Lower Upper
75 100
53 1.4 78.0 117.0#
89 0.7 37.2 55.8#



#82
4-Chlorotoluene
Concen: 1.456 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.041 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

Tgt Ion: 91 Resp: 20408
Ion Ratio Lower Upper
91 100
126 7.4 17.2 51.6#

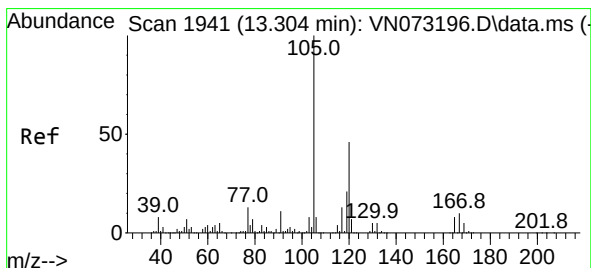
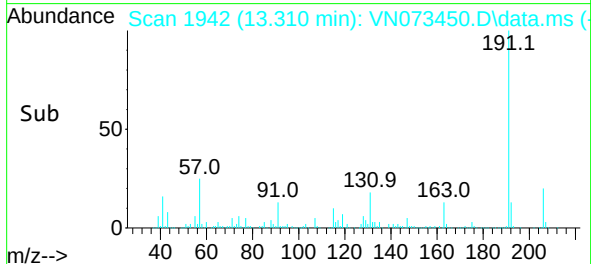
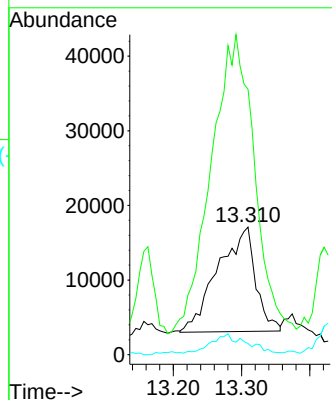
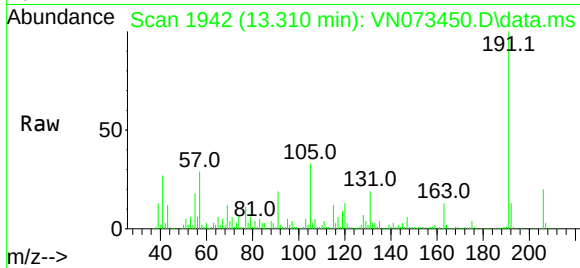




#83
tert-Butylbenzene
Concen: 3.600 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.053 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

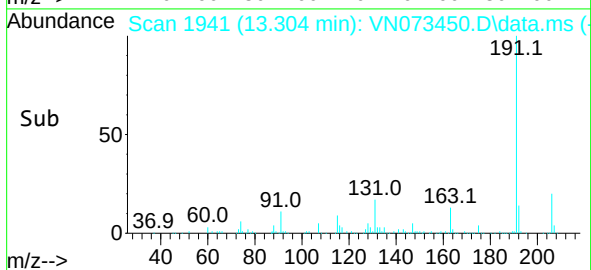
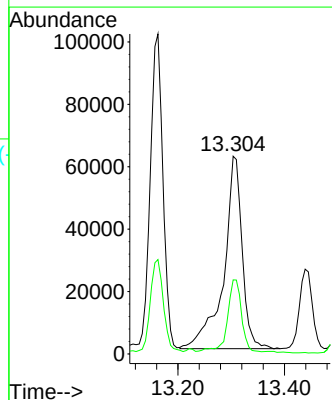
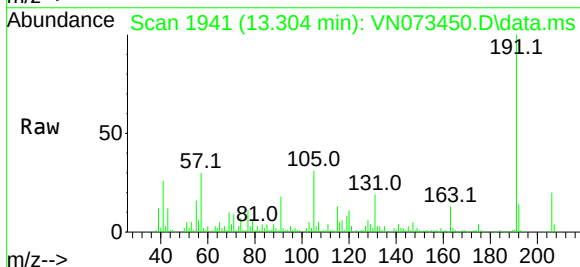
Instrument :
MSVOA_N
ClientSampleId :
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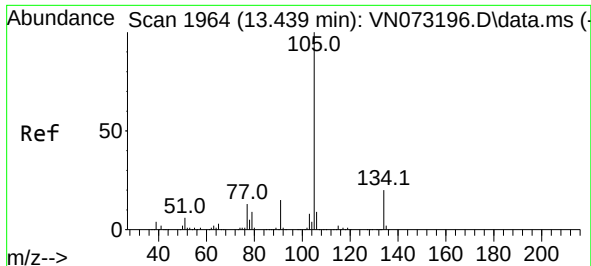
Tgt Ion:119 Resp: 54191
Ion Ratio Lower Upper
119 100
91 0.0 31.6 94.8#
134 0.0 13.7 41.1#



#84
1,2,4-Trimethylbenzene
Concen: 8.888 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

Tgt Ion:105 Resp: 148982
Ion Ratio Lower Upper
105 100
120 28.2 23.3 69.8

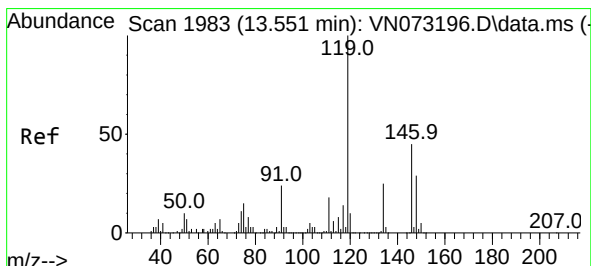
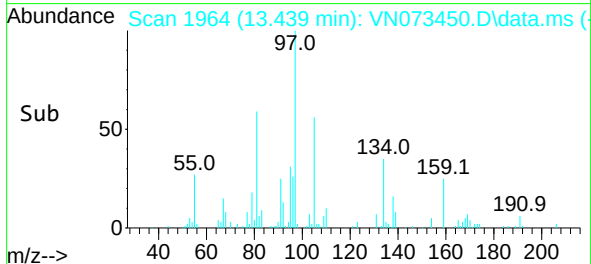
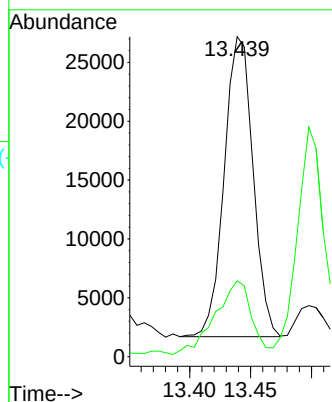
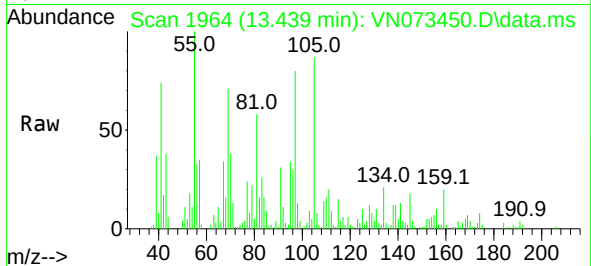




#85
 sec-Butylbenzene
 Concen: 2.078 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073450.D
 Acq: 13 Jul 2022 15:25

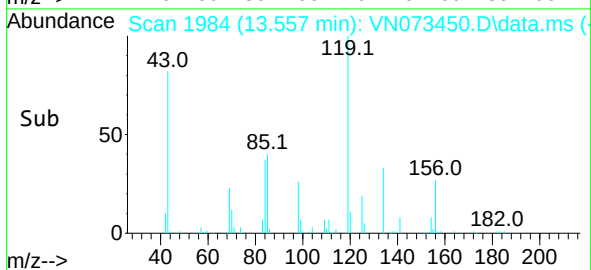
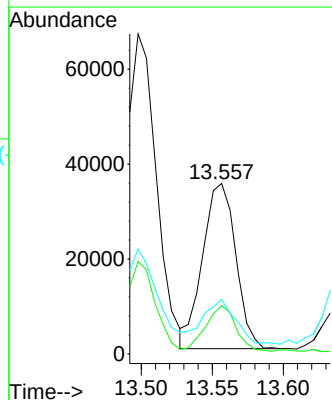
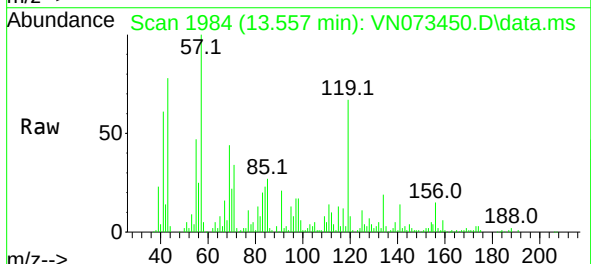
Instrument :
 MSVOA_N
 ClientSampleId :
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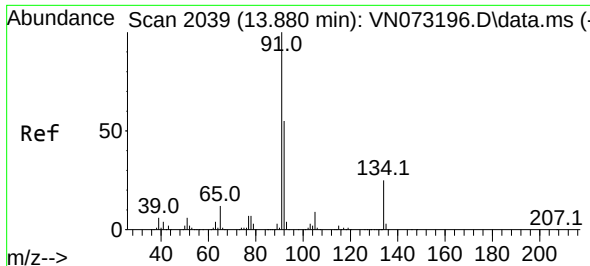
Tgt Ion:105 Resp: 42006
 Ion Ratio Lower Upper
 105 100
 134 31.0 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 3.461 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN073450.D
 Acq: 13 Jul 2022 15:25

Tgt Ion:119 Resp: 56512
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.3 39.8
 91 25.8 11.3 33.9

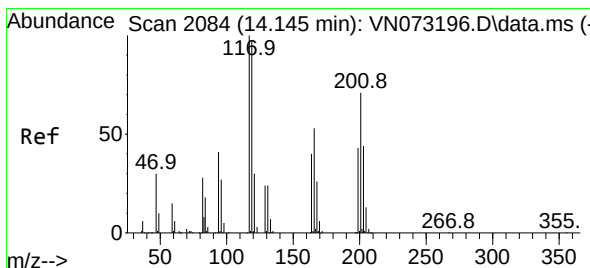
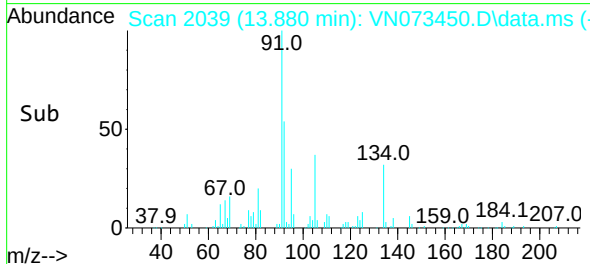
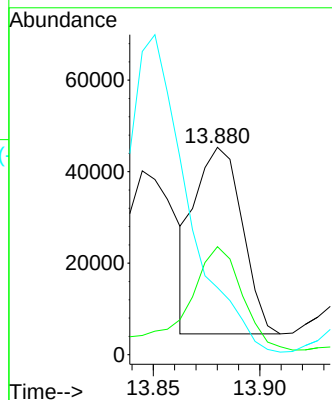
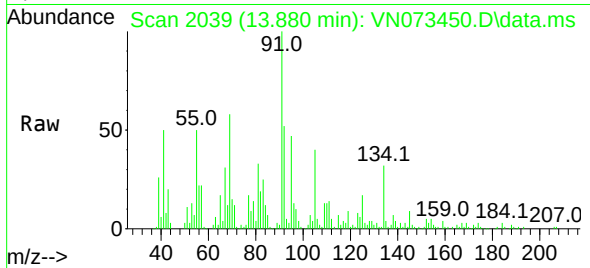




#89
n-Butylbenzene
Concen: 4.614 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

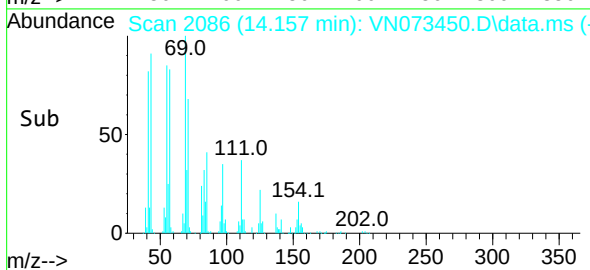
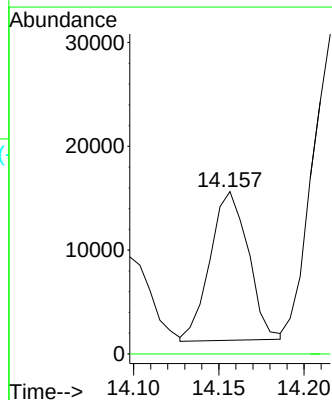
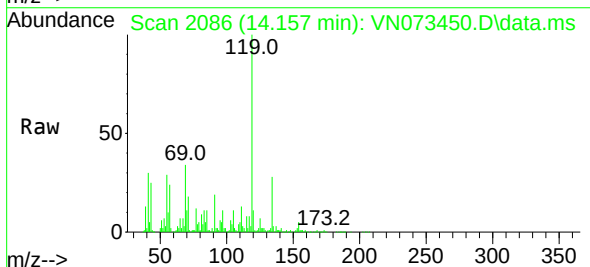
Instrument :
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ClientSampleId :
31653

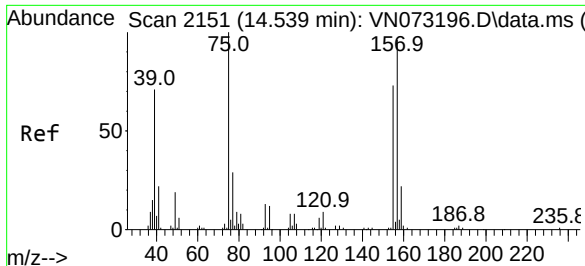
Tgt Ion: 91 Resp: 62777
Ion Ratio Lower Upper
91 100
92 64.5 26.9 80.7
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 7.369 ug/l
RT: 14.157 min Scan# 2086
Delta R.T. 0.012 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

Tgt Ion: 117 Resp: 22422
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#

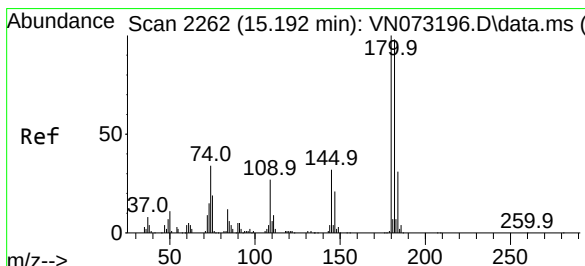
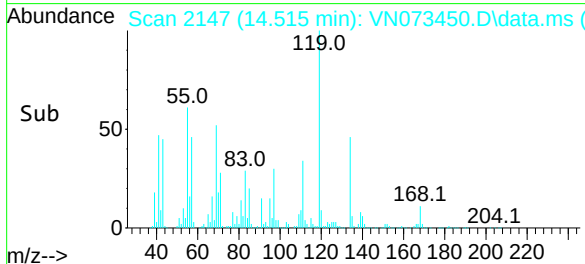
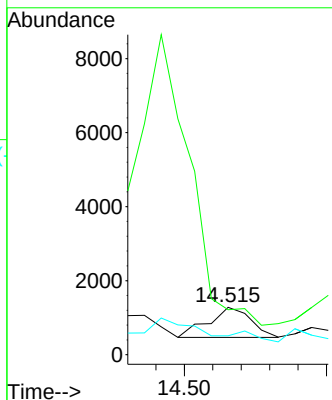
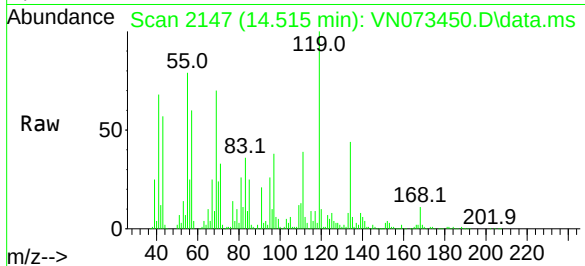




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.508 ug/l
 RT: 14.515 min Scan# 2151
 Delta R.T. -0.024 min
 Lab File: VN073450.D
 Acq: 13 Jul 2022 15:25

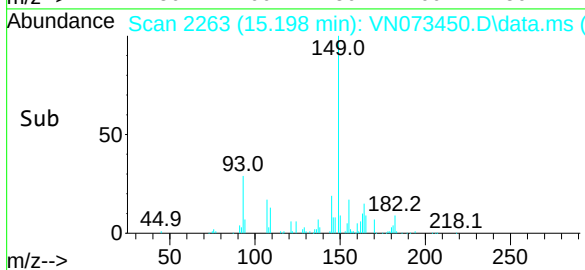
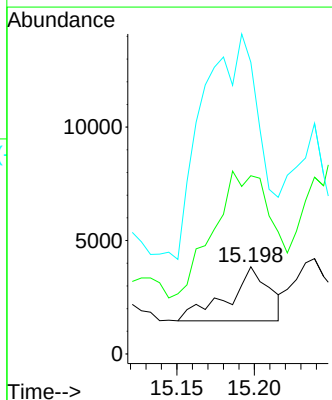
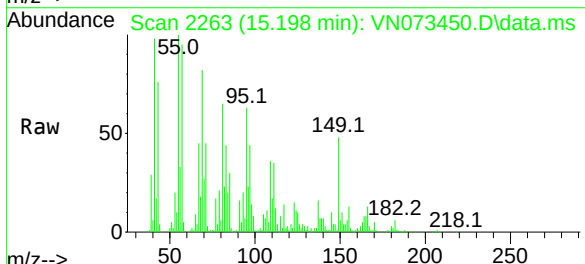
Instrument :
 MSVOA_N
 ClientSampleId :
 31653

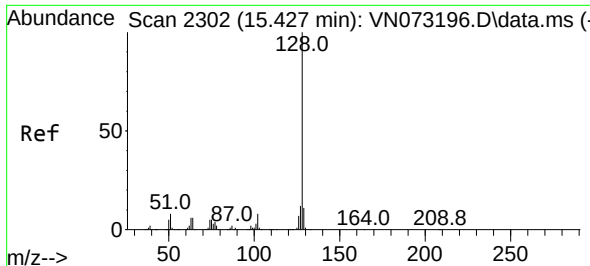
Tgt Ion: 75 Resp: 844
 Ion Ratio Lower Upper
 75 100
 155 0.0 44.9 134.5#
 157 0.0 59.0 176.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.979 ug/l
 RT: 15.198 min Scan# 2263
 Delta R.T. 0.006 min
 Lab File: VN073450.D
 Acq: 13 Jul 2022 15:25

Tgt Ion: 180 Resp: 4462
 Ion Ratio Lower Upper
 180 100
 182 329.5 47.5 142.5#
 145 834.1 14.5 43.5#

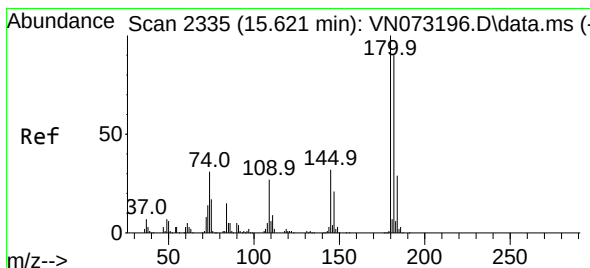
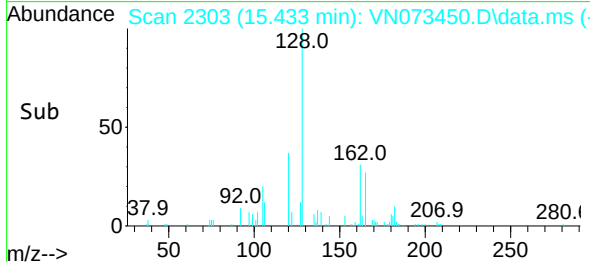
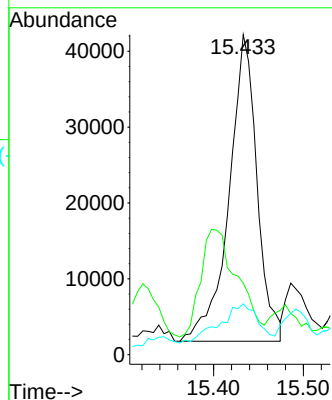
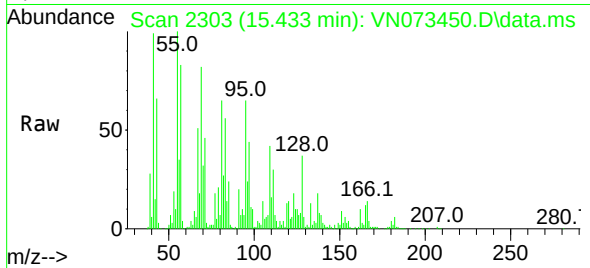




#95
Naphthalene
Concen: 4.776 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

Instrument :
MSVOA_N
ClientSampleId :
31653

Tgt Ion:128 Resp: 87800
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 17.6 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 4.734 ug/l
RT: 15.592 min Scan# 2330
Delta R.T. -0.029 min
Lab File: VN073450.D
Acq: 13 Jul 2022 15:25

Tgt Ion:180 Resp: 22252
Ion Ratio Lower Upper
180 100
182 38.8 47.8 143.3#
145 48.5 15.5 46.5#

