

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070622\
 Data File : VN073340.D
 Acq On : 06 Jul 2022 12:59
 Operator : JC\MD
 Sample : N3595-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20220493-FIELD-BLANK

Quant Time: Jul 07 04:22:03 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)

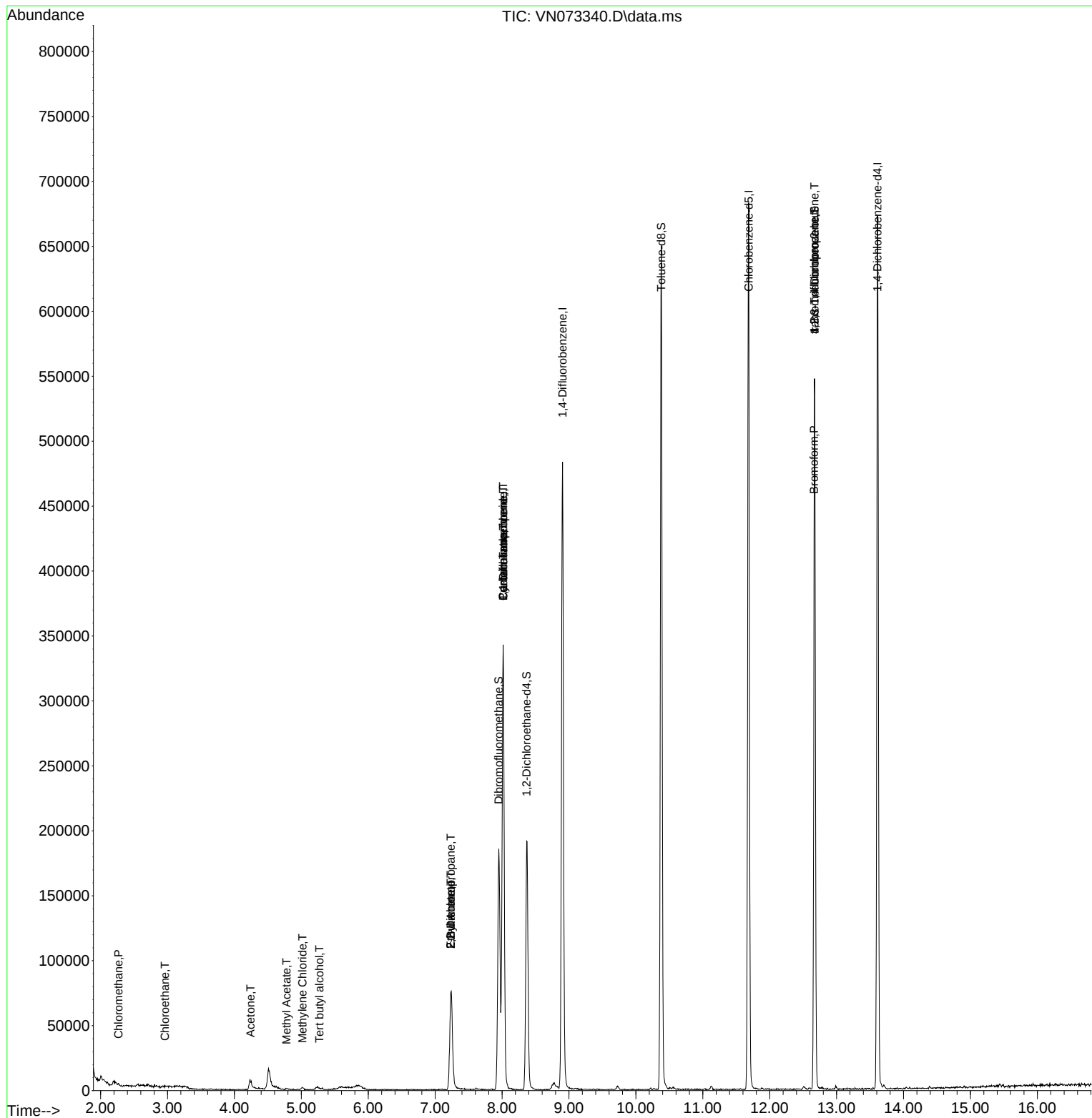
Internal Standards						
1) Pentafluorobenzene	8.016	168	252220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	424285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	390301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	179810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	161171	44.265	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.520%		
35) Dibromofluoromethane	7.951	113	137186	48.599	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.200%		
50) Toluene-d8	10.380	98	441881	44.075	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.140%		
62) 4-Bromofluorobenzene	12.669	95	191916	49.811	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.620%		
Target Compounds					Qvalue	
3) Chloromethane	2.269	50	971	0.271	ug/l #	43
6) Chloroethane	2.963	64	460	0.257	ug/l #	42
11) Tert butyl alcohol	5.269	59	246	0.279	ug/l #	72
16) Acetone	4.240	43	13709	6.708	ug/l	89
18) Methyl Acetate	4.781	43	1370	0.239	ug/l #	81
20) Methylene Chloride	5.016	84	1195	0.333	ug/l #	91
25) 2-Butanone	7.234	43	4635	1.424	ug/l #	45
26) 2,2-Dichloropropane	7.234	77	2945	0.527	ug/l #	53
31) Cyclohexane	8.016	56	5921	0.993	ug/l #	27
36) 1,1-Dichloropropene	8.016	75	21850	5.031	ug/l #	47
37) Ethyl Acetate	7.234	43	4635	0.706	ug/l #	10
38) Carbon Tetrachloride	8.016	117	24828	5.528	ug/l #	16
71) Bromoform	12.663	173	1023	0.431	ug/l #	1
76) 1,2,3-Trichloropropane	12.669	75	102306	21.760	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	102306	59.675	ug/l #	10

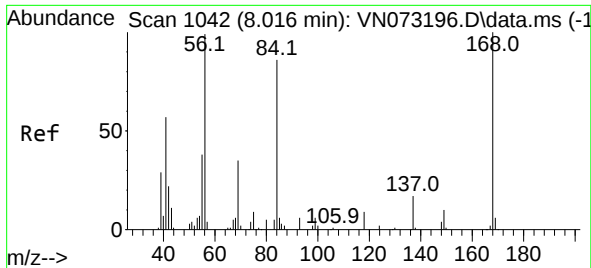
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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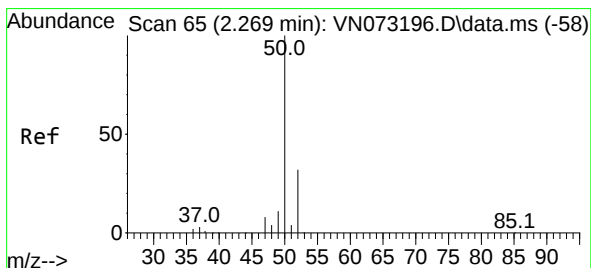
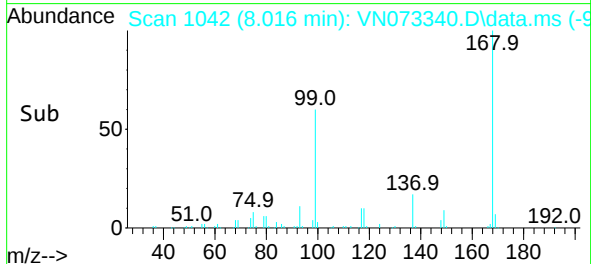
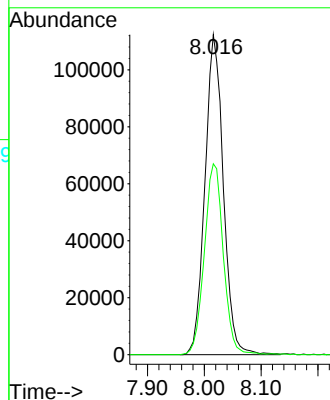
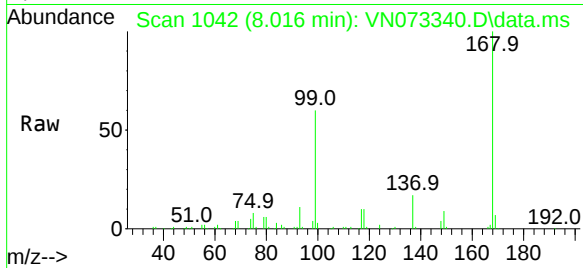




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN073340.D
Acq: 06 Jul 2022 12:59

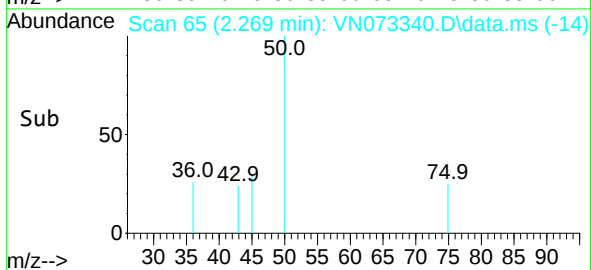
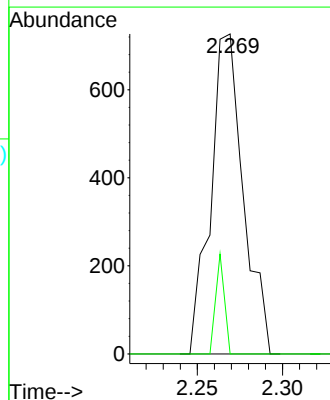
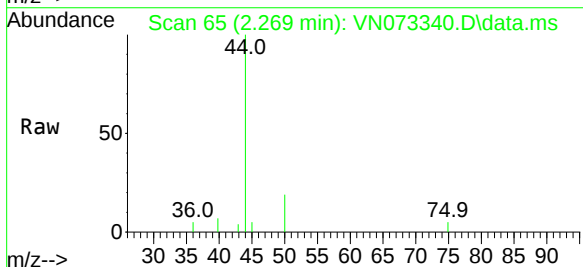
Instrument :
MSVOA_N
ClientSampleId :
20220493-FIELD-BLANK

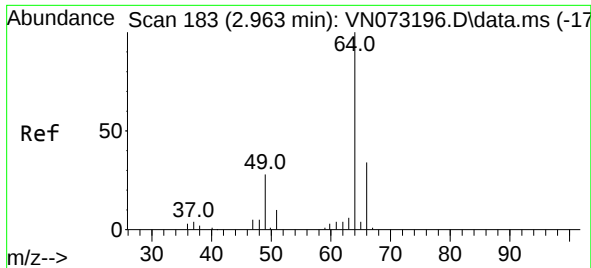
Tgt Ion:168 Resp: 252220
Ion Ratio Lower Upper
168 100
99 59.7 42.3 63.5



#3
Chloromethane
Concen: 0.271 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073340.D
Acq: 06 Jul 2022 12:59

Tgt Ion: 50 Resp: 971
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

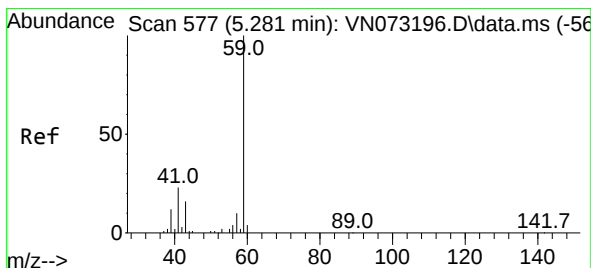
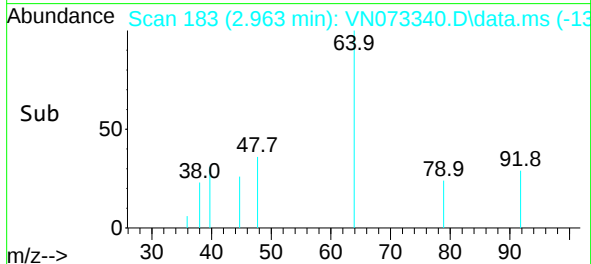
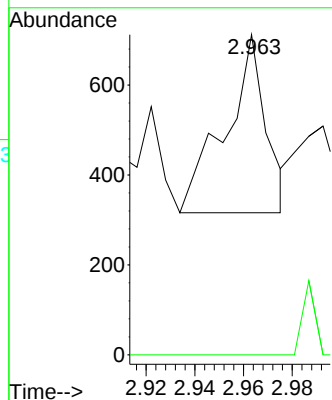
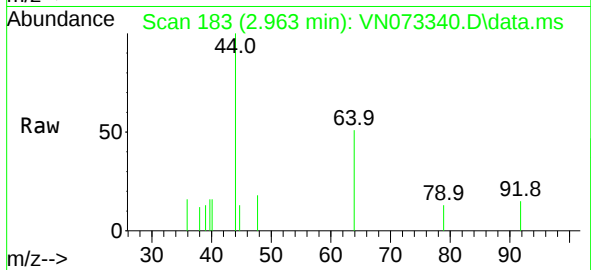




#6
Chloroethane
Concen: 0.257 ug/l
RT: 2.963 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073340.D
Acq: 06 Jul 2022 12:59

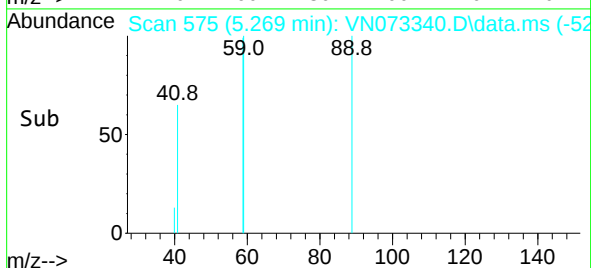
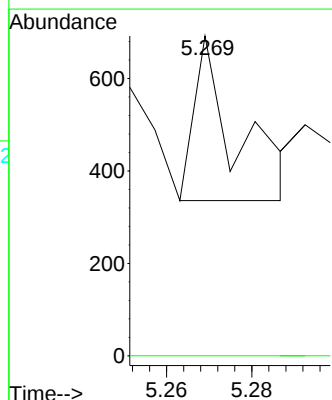
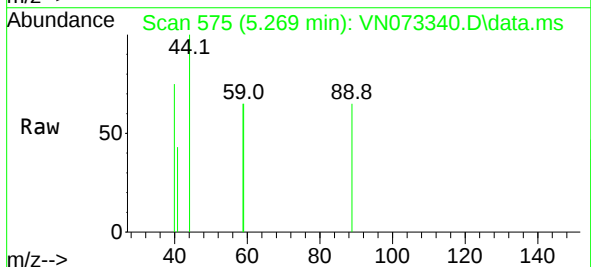
Instrument :
MSVOA_N
ClientSampleId :
20220493-FIELD-BLANK

Tgt Ion: 64 Resp: 460
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.279 ug/l
RT: 5.269 min Scan# 575
Delta R.T. -0.012 min
Lab File: VN073340.D
Acq: 06 Jul 2022 12:59

Tgt Ion: 59 Resp: 246
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

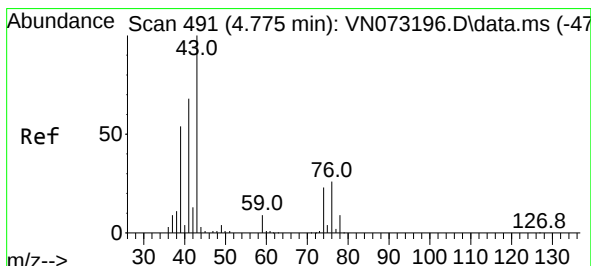
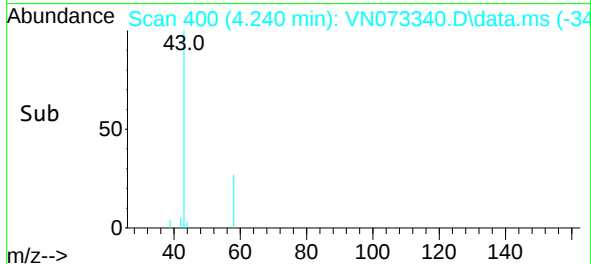
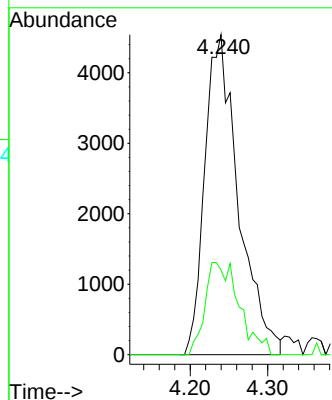
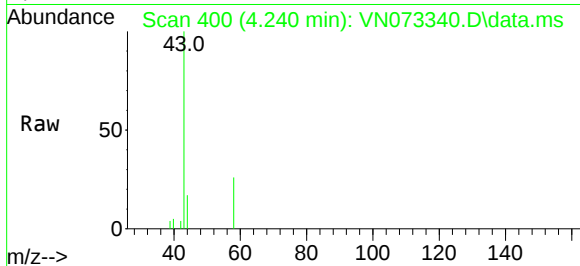




#16
Acetone
Concen: 6.708 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN073340.D
Acq: 06 Jul 2022 12:59

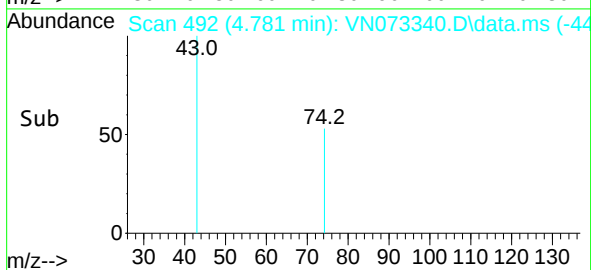
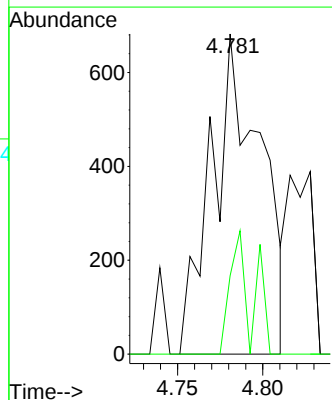
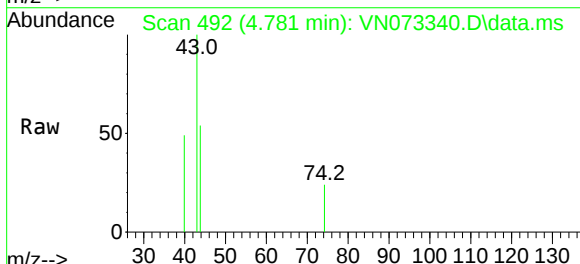
Instrument :
MSVOA_N
ClientSampleId :
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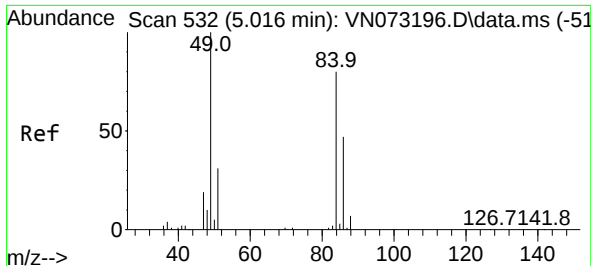
Tgt Ion: 43 Resp: 13709
Ion Ratio Lower Upper
43 100
58 26.4 26.0 39.0



#18
Methyl Acetate
Concen: 0.239 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.006 min
Lab File: VN073340.D
Acq: 06 Jul 2022 12:59

Tgt Ion: 43 Resp: 1370
Ion Ratio Lower Upper
43 100
74 17.1 21.6 32.4#

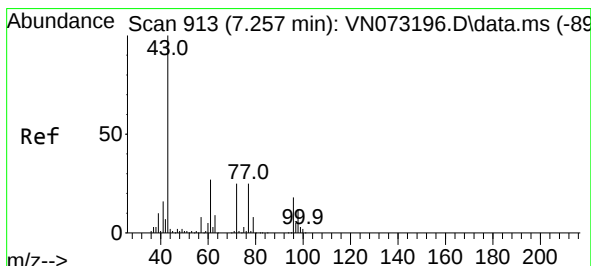
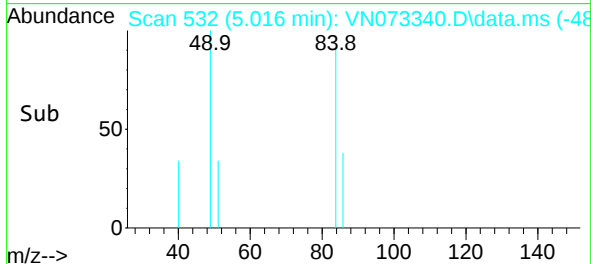
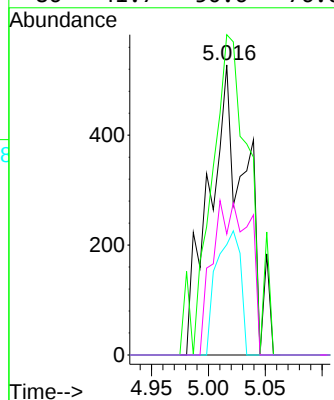
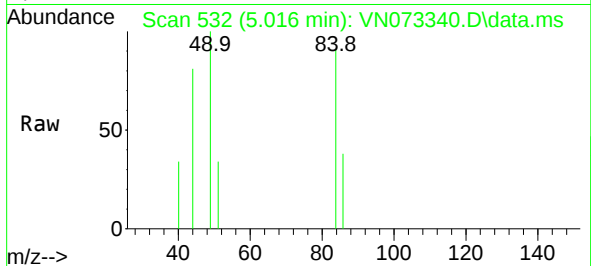




#20
Methylene Chloride
Concen: 0.333 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073340.D
Acq: 06 Jul 2022 12:59

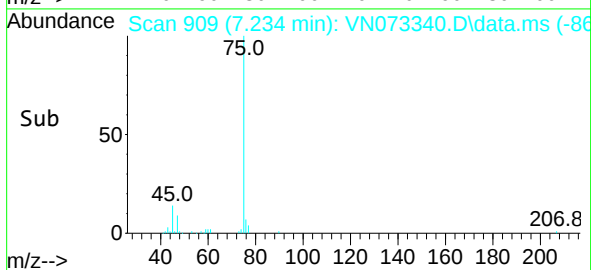
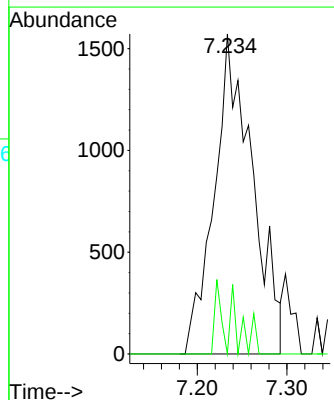
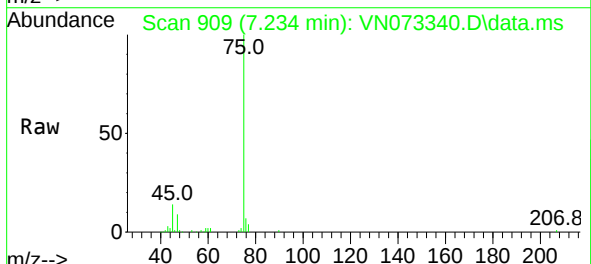
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ClientSampleId :
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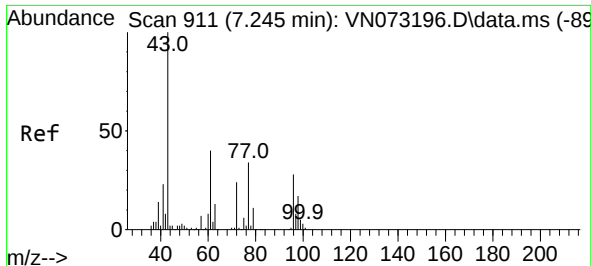
Tgt Ion:	84	Resp:	1195
Ion	Ratio	Lower	Upper
84	100		
49	110.4	88.3	132.5
51	38.1	28.2	42.2
86	41.7	50.6	76.0



#25
2-Butanone
Concen: 1.424 ug/l
RT: 7.234 min Scan# 909
Delta R.T. -0.023 min
Lab File: VN073340.D
Acq: 06 Jul 2022 12:59

Tgt Ion:	43	Resp:	4635
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5

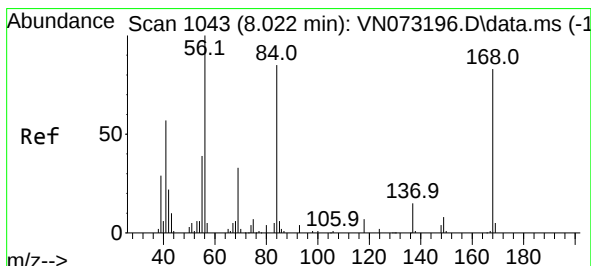
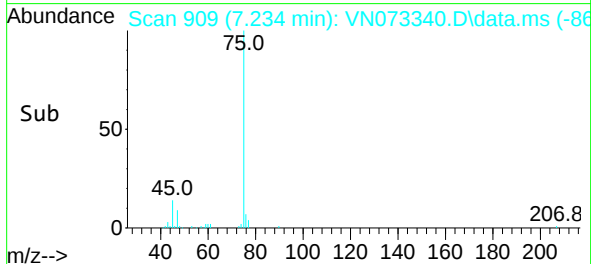
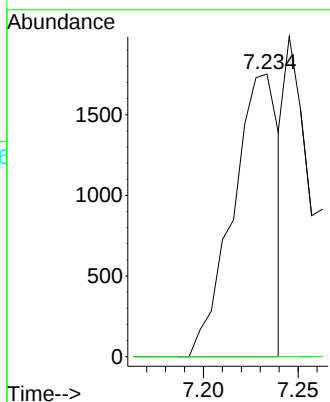
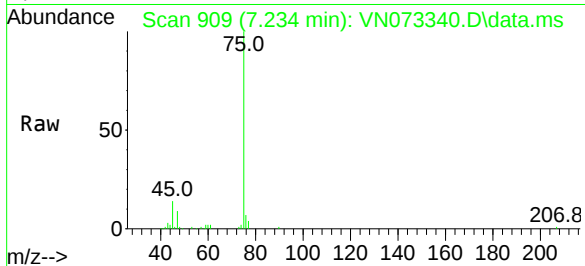




#26
2,2-Dichloropropane
Concen: 0.527 ug/l
RT: 7.234 min Scan# 909
Delta R.T. -0.011 min
Lab File: VN073340.D
Acq: 06 Jul 2022 12:59

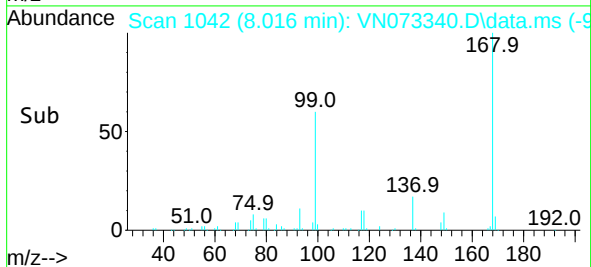
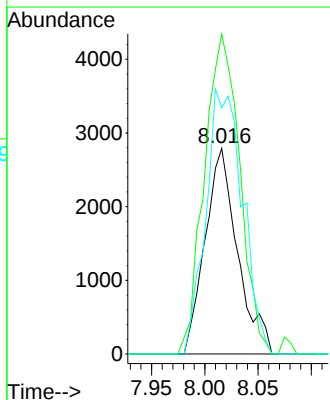
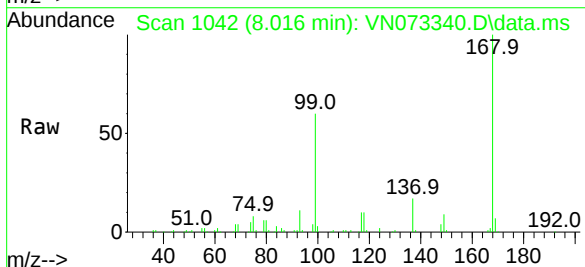
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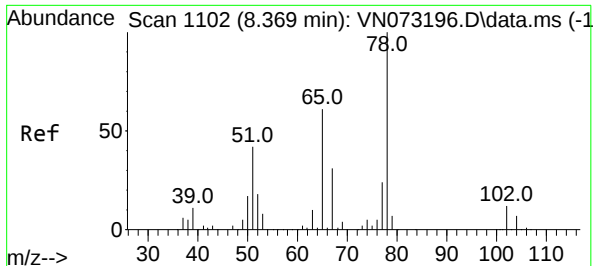
Tgt Ion: 77 Resp: 2945
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#31
Cyclohexane
Concen: 0.993 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073340.D
Acq: 06 Jul 2022 12:59

Tgt Ion: 56 Resp: 5921
Ion Ratio Lower Upper
56 100
69 155.6 27.8 41.8#
84 119.6 76.9 115.3#

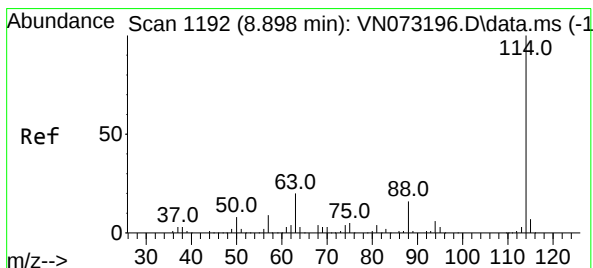
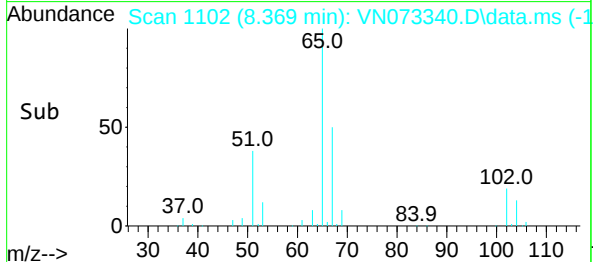
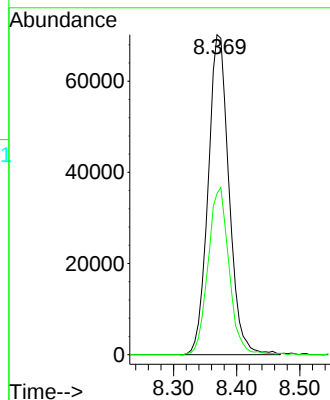
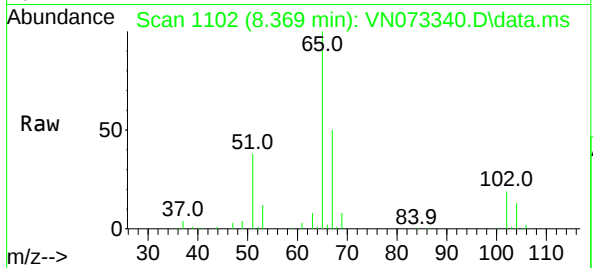




#33
 1,2-Dichloroethane-d4
 Concen: 44.265 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. -0.000 min
 Lab File: VN073340.D
 Acq: 06 Jul 2022 12:59

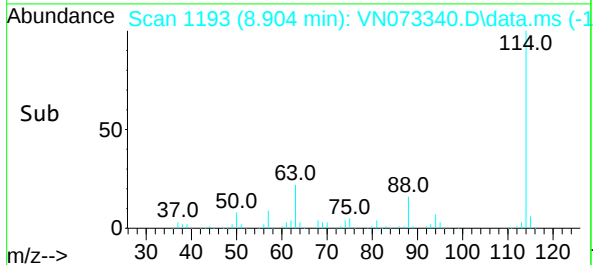
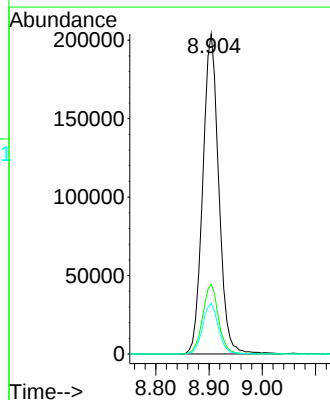
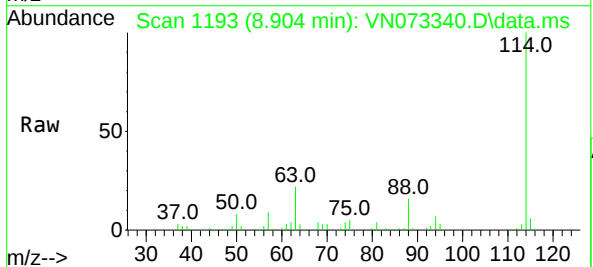
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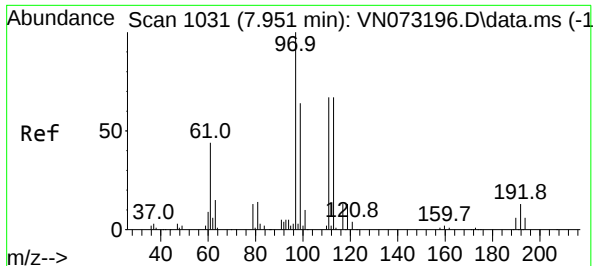
Tgt Ion: 65 Resp: 161171
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.904 min Scan# 1193
 Delta R.T. 0.006 min
 Lab File: VN073340.D
 Acq: 06 Jul 2022 12:59

Tgt Ion: 114 Resp: 424285
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 40.0
 88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.599 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073340.D

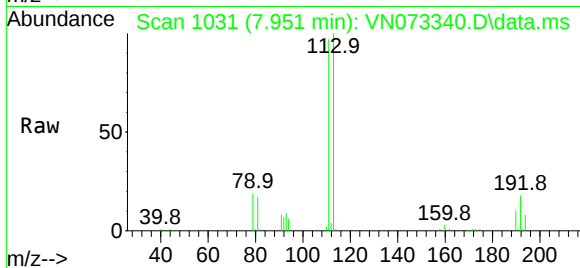
Acq: 06 Jul 2022 12:59

Instrument :

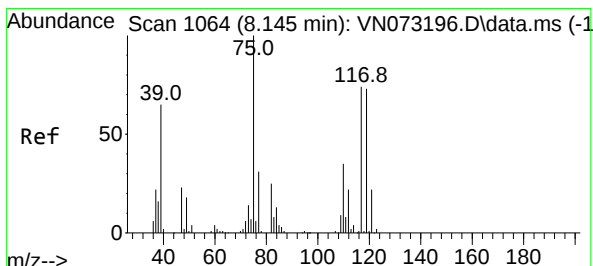
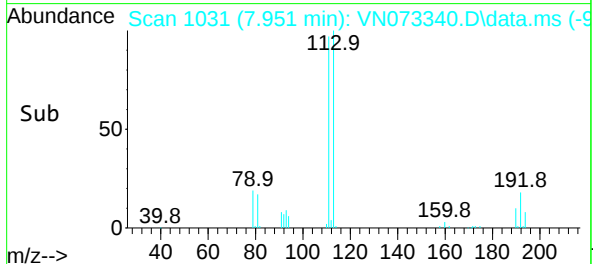
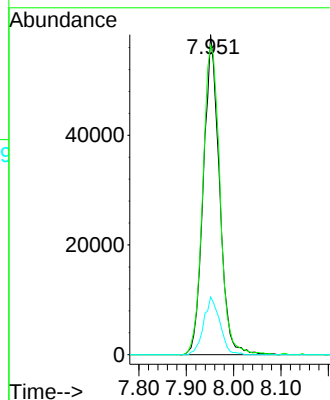
MSVOA_N

ClientSampleId :

20220493-FIELD-BLANK



Tgt Ion:	113	Resp:	137186
Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.4	122.0
192	18.2	17.0	25.6



#36

1,1-Dichloropropene

Concen: 5.031 ug/l

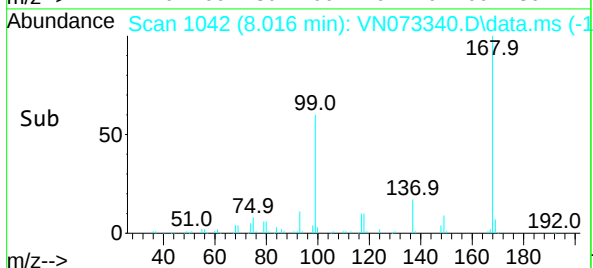
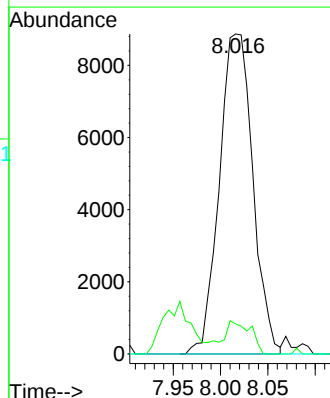
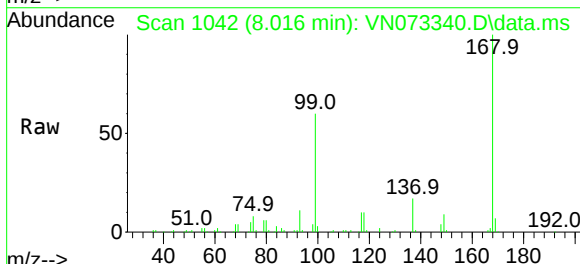
RT: 8.016 min Scan# 1042

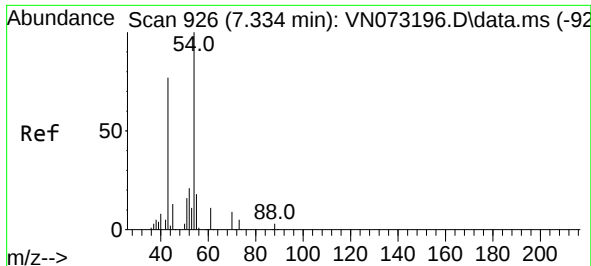
Delta R.T. -0.129 min

Lab File: VN073340.D

Acq: 06 Jul 2022 12:59

Tgt Ion:	75	Resp:	21850
Ion	Ratio	Lower	Upper
75	100		
110	7.5	18.3	54.8#
77	0.0	25.1	37.7#

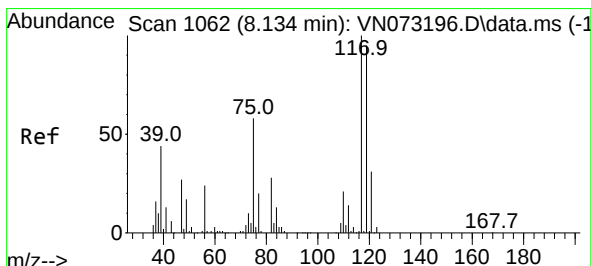
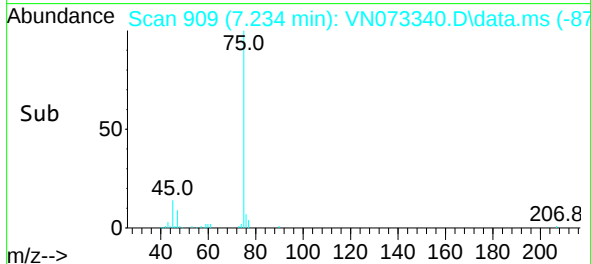
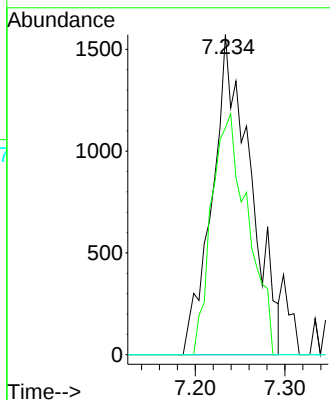
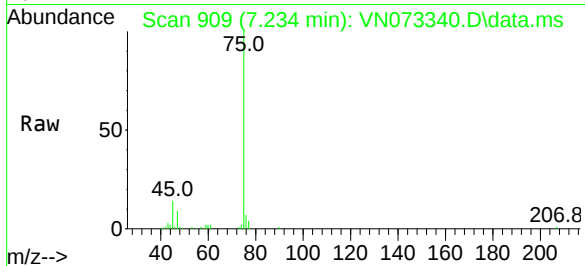




#37
Ethyl Acetate
Concen: 0.706 ug/l
RT: 7.234 min Scan# 909
Delta R.T. -0.100 min
Lab File: VN073340.D
Acq: 06 Jul 2022 12:59

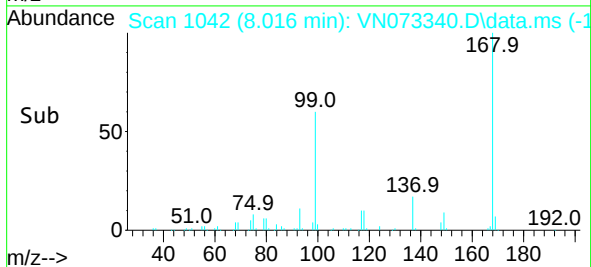
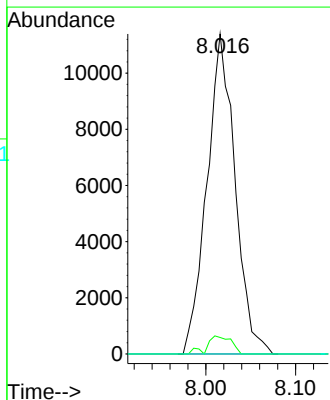
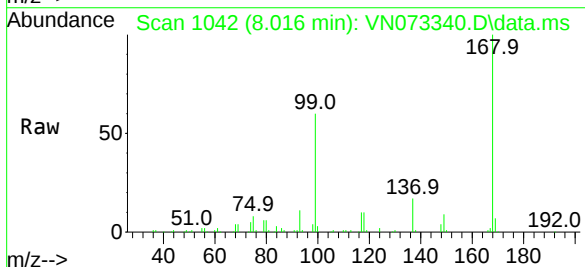
Instrument :
MSVOA_N
ClientSampleId :
20220493-FIELD-BLANK

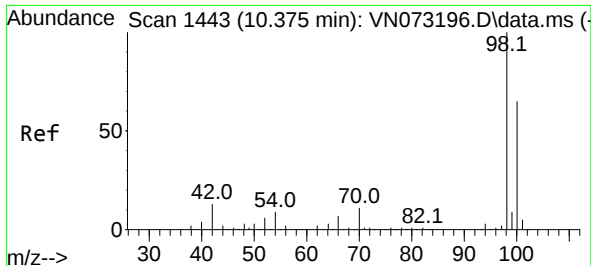
Tgt Ion: 43 Resp: 4635
Ion Ratio Lower Upper
43 100
61 71.6 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 5.528 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073340.D
Acq: 06 Jul 2022 12:59

Tgt Ion: 117 Resp: 24828
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.8#
121 0.0 24.6 37.0#

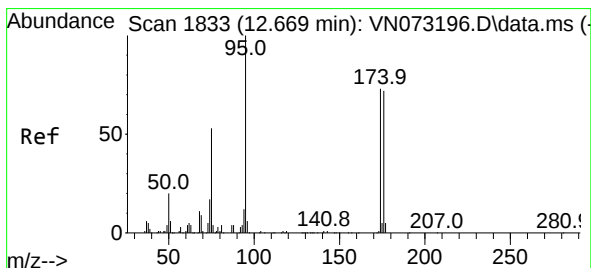
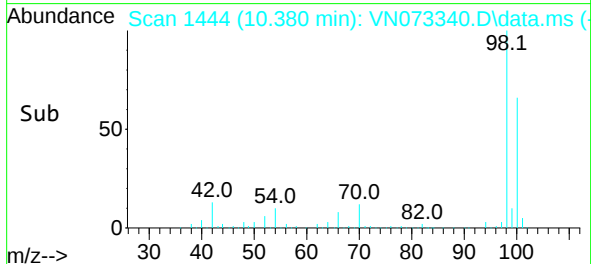
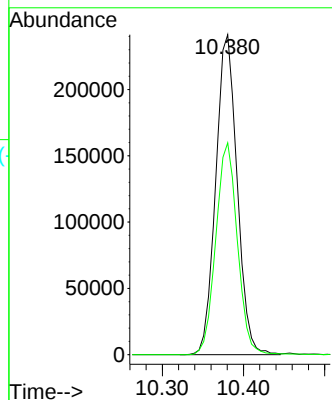
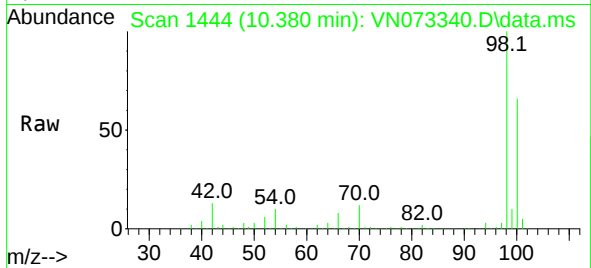




#50
Toluene-d8
Concen: 44.075 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073340.D
Acq: 06 Jul 2022 12:59

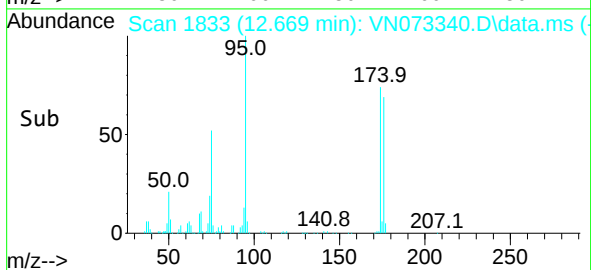
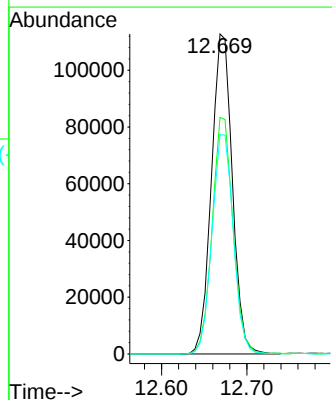
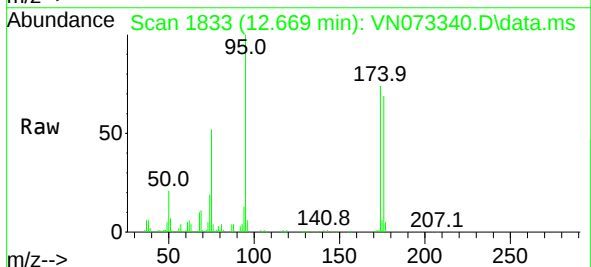
Instrument :
MSVOA_N
ClientSampleId :
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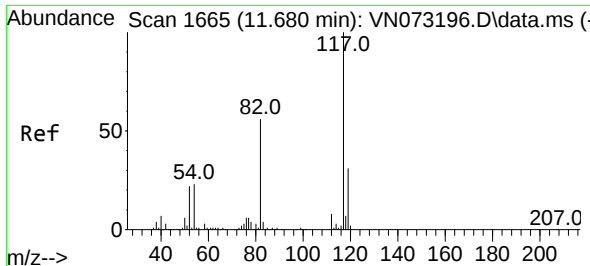
Tgt Ion: 98 Resp: 441881
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.811 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073340.D
Acq: 06 Jul 2022 12:59

Tgt Ion: 95 Resp: 191916
Ion Ratio Lower Upper
95 100
174 73.9 0.0 167.6
176 69.9 0.0 163.4

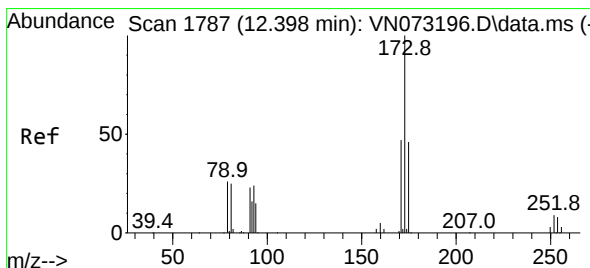
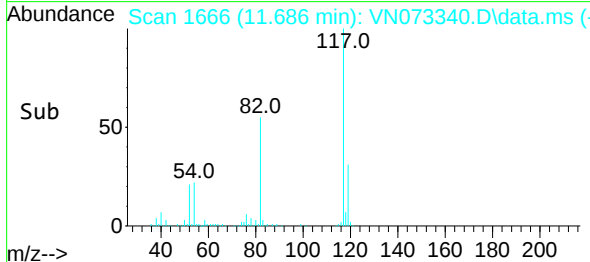
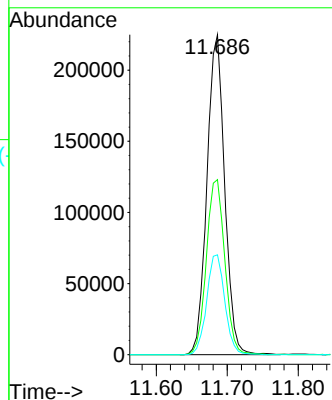
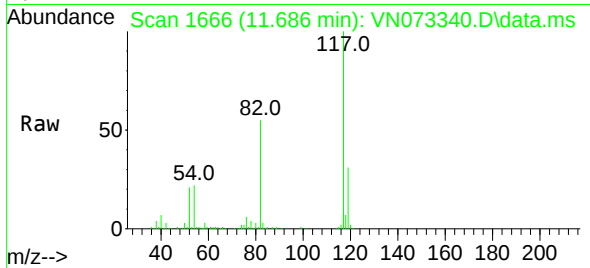




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073340.D
Acq: 06 Jul 2022 12:59

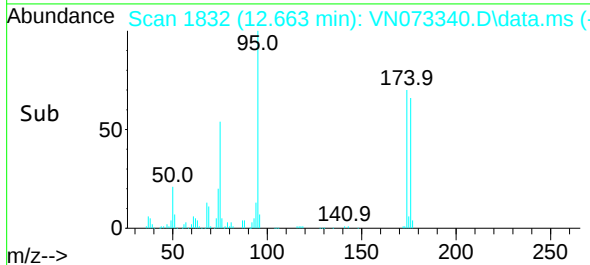
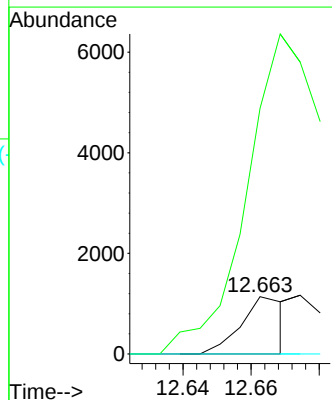
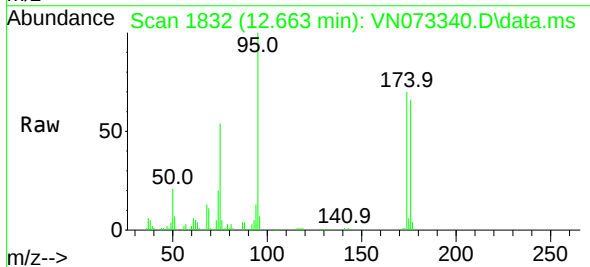
Instrument :
MSVOA_N
ClientSampleId :
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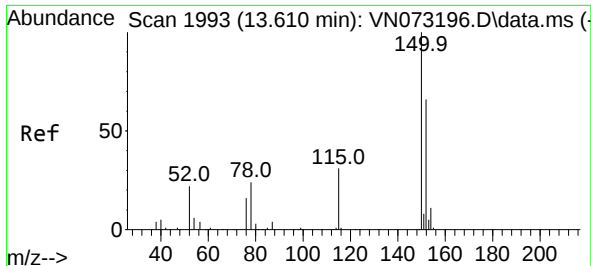
Tgt Ion:117 Resp: 390301
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.2
119 31.2 25.4 38.0



#71
Bromoform
Concen: 0.431 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. 0.265 min
Lab File: VN073340.D
Acq: 06 Jul 2022 12:59

Tgt Ion:173 Resp: 1023
Ion Ratio Lower Upper
173 100
175 735.9 24.6 73.6#
254 0.0 0.1 0.1#

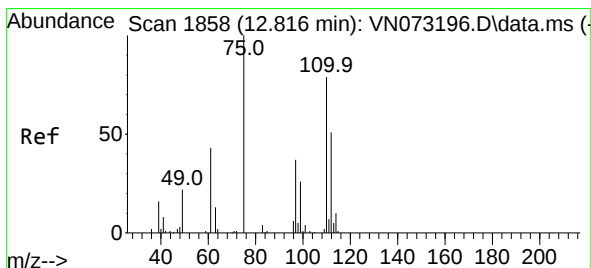
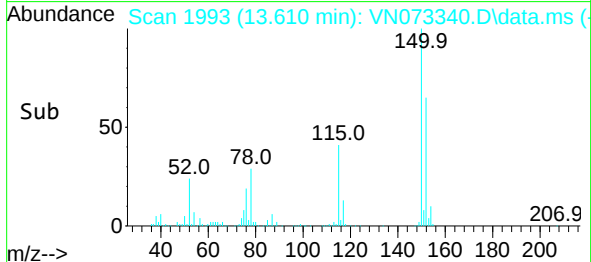
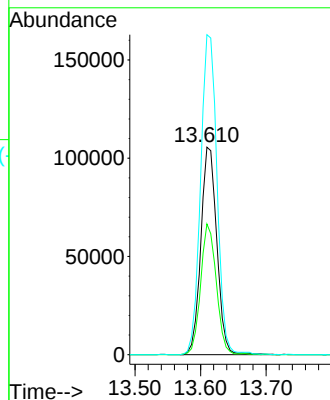
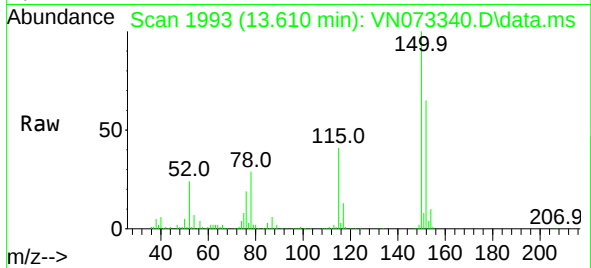




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN073340.D
 Acq: 06 Jul 2022 12:59

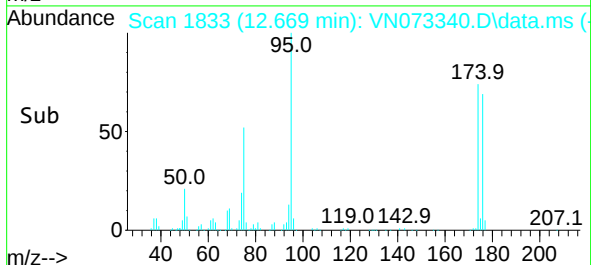
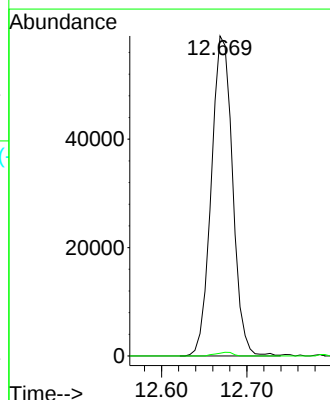
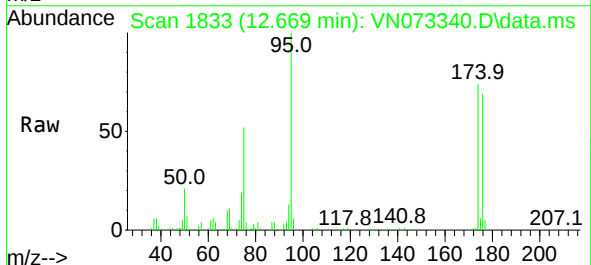
Instrument :
 MSVOA_N
 ClientSampleId :
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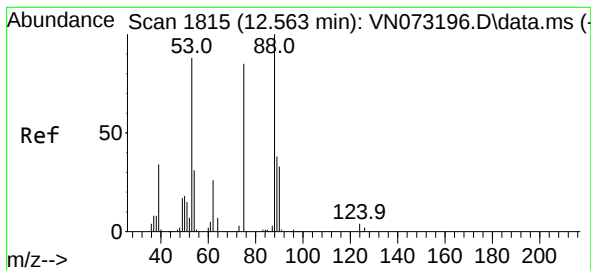
Tgt Ion:152 Resp: 179810
 Ion Ratio Lower Upper
 152 100
 115 61.4 28.9 86.7
 150 158.0 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 21.760 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. -0.147 min
 Lab File: VN073340.D
 Acq: 06 Jul 2022 12:59

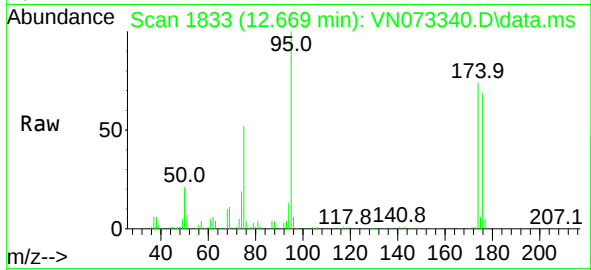
Tgt Ion: 75 Resp: 102306
 Ion Ratio Lower Upper
 75 100
 77 0.9 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.675 ug/l
 RT: 12.669 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN073340.D
 Acq: 06 Jul 2022 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 20220493-FIELD-BLANK



Tgt Ion: 75 Resp: 102306
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#

