

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071122\
 Data File : VN073418.D
 Acq On : 11 Jul 2022 14:42
 Operator : JC\MD
 Sample : N3651-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SW-2

Quant Time: Jul 12 07:27:13 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)

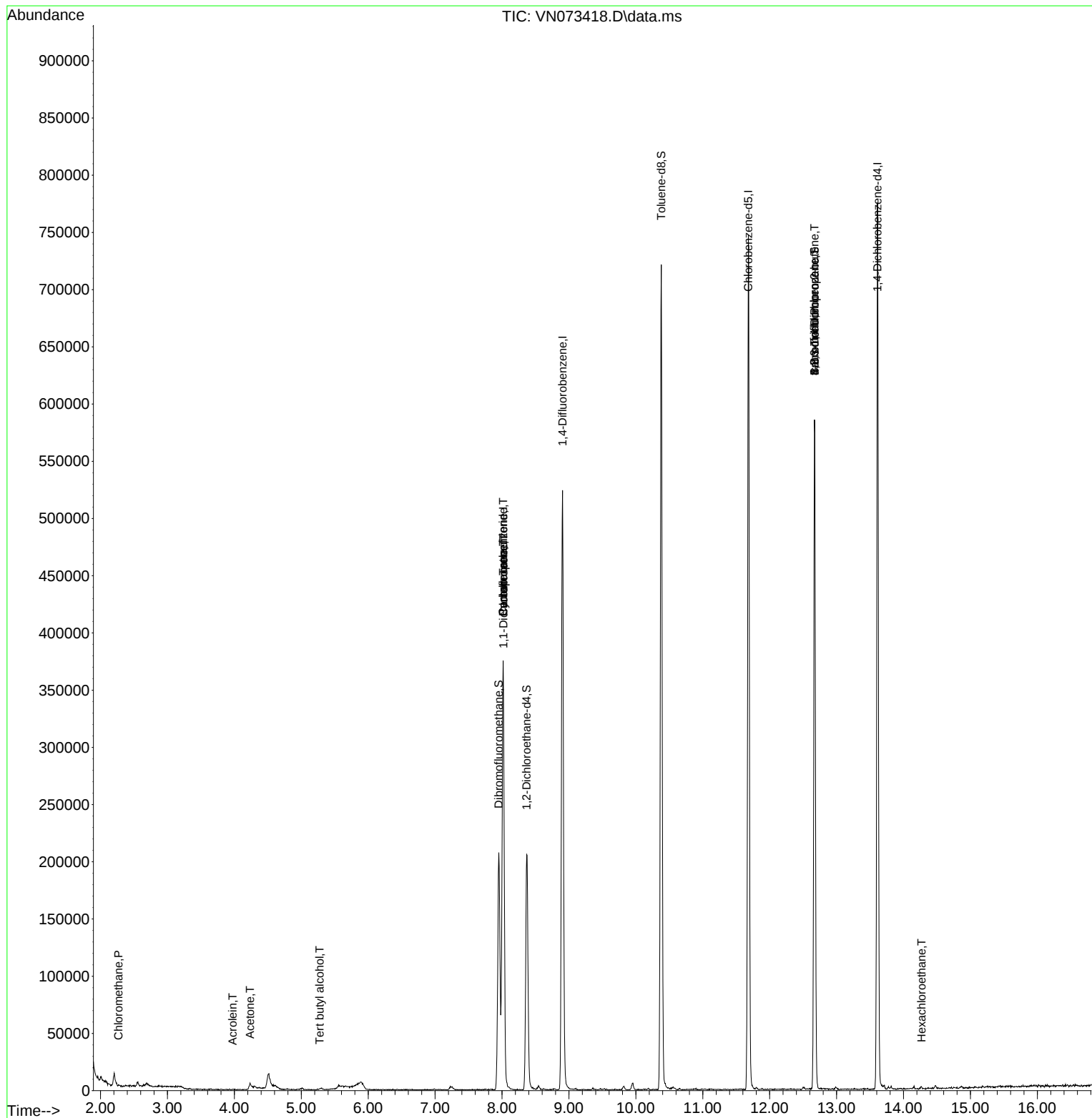
Internal Standards						
1) Pentafluorobenzene	8.016	168	274042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	464618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	420892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	204468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	177997	44.993	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.980%		
35) Dibromofluoromethane	7.951	113	149000	48.202	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.400%		
50) Toluene-d8	10.381	98	492051	44.818	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.640%		
62) 4-Bromofluorobenzene	12.669	95	208986	49.533	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.060%		
Target Compounds						Qvalue
3) Chloromethane	2.269	50	855	0.220	ug/l #	76
11) Tert butyl alcohol	5.275	59	1150	1.200	ug/l #	72
13) Acrolein	3.975	56	146	0.241	ug/l #	16
16) Acetone	4.234	43	9254	4.167	ug/l	91
31) Cyclohexane	8.016	56	7246	1.118	ug/l #	37
36) 1,1-Dichloropropene	8.022	75	23663	4.975	ug/l #	49
38) Carbon Tetrachloride	8.016	117	28667	5.828	ug/l #	15
71) Bromoform	12.669	173	1640	0.640	ug/l #	28
76) 1,2,3-Trichloropropane	12.669	75	107116	20.035	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	107116	54.945	ug/l #	10
90) Hexachloroethane	14.269	117	1120	0.429	ug/l #	9

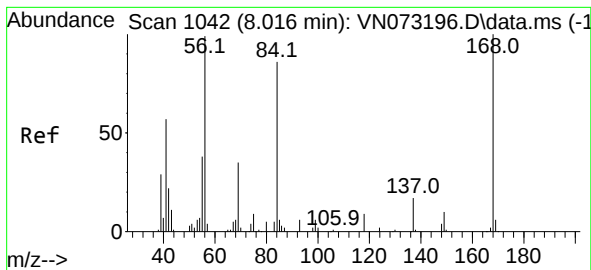
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071122\
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Quant Time: Jul 12 07:27:13 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN073418.D

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Instrument :

MSVOA_N

ClientSampleId :

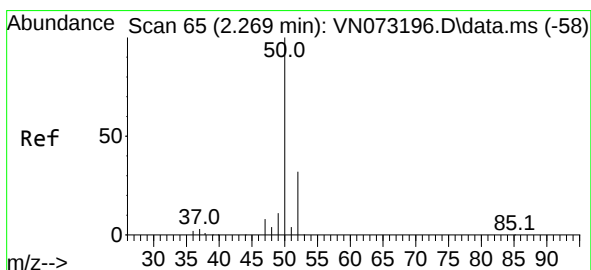
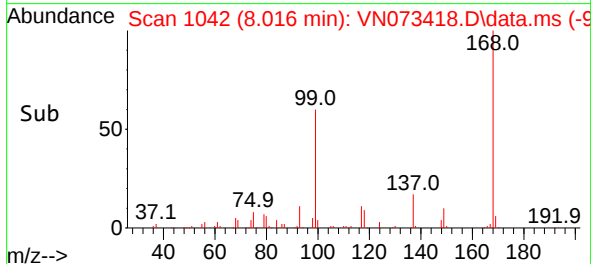
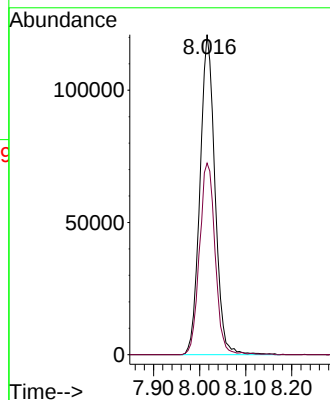
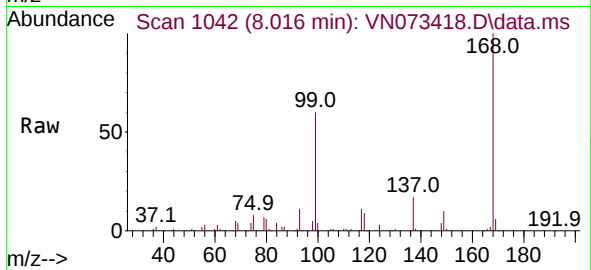
SW-2

Tgt Ion:168 Resp: 274042

Ion Ratio Lower Upper

168 100

99 59.8 42.3 63.5



#3

Chloromethane

Concen: 0.220 ug/l

RT: 2.269 min Scan# 65

Delta R.T. 0.000 min

Lab File: VN073418.D

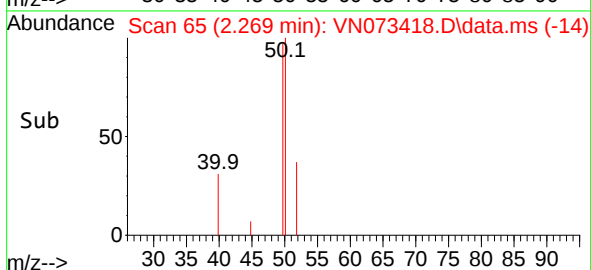
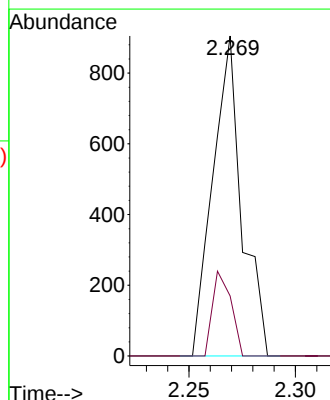
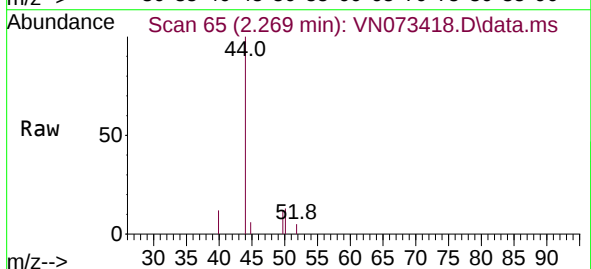
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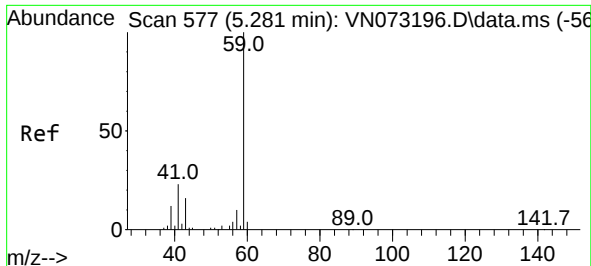
Tgt Ion: 50 Resp: 855

Ion Ratio Lower Upper

50 100

52 18.8 25.7 38.5#

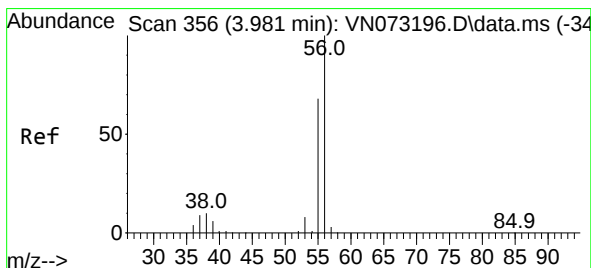
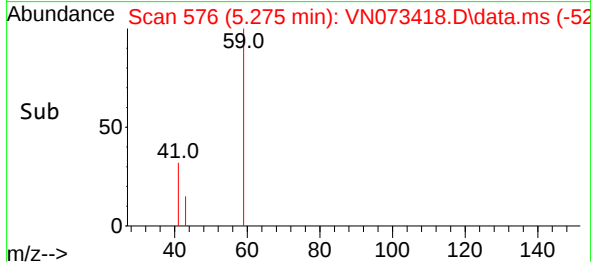
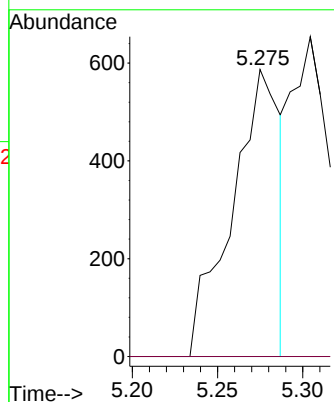
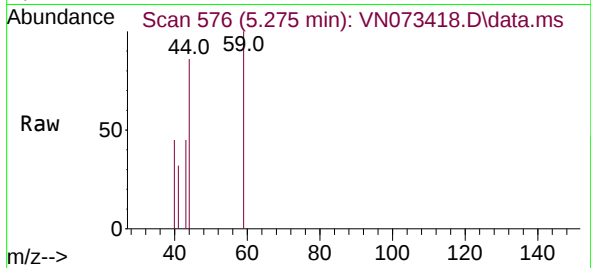




#11
Tert butyl alcohol
Concen: 1.200 ug/l
RT: 5.275 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN073418.D
Acq: 11 Jul 2022 14:42

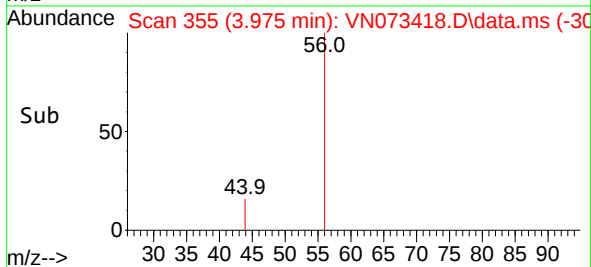
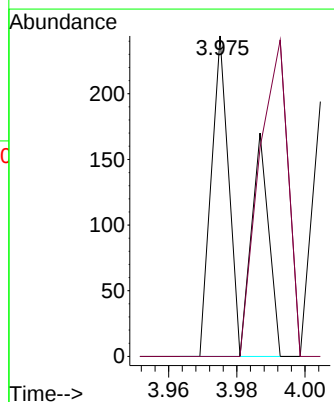
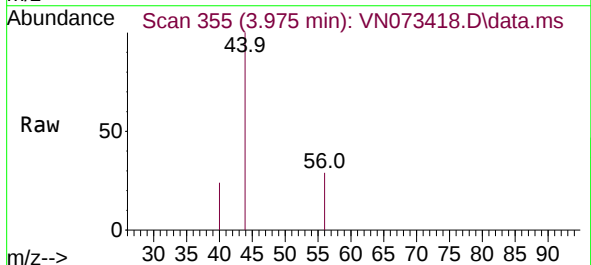
Instrument :
MSVOA_N
ClientSampleId :
SW-2

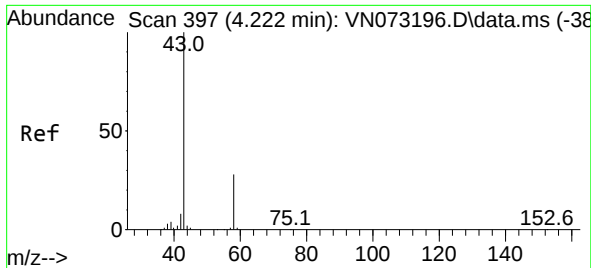
Tgt Ion: 59 Resp: 1150
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 0.241 ug/l
RT: 3.975 min Scan# 355
Delta R.T. -0.006 min
Lab File: VN073418.D
Acq: 11 Jul 2022 14:42

Tgt Ion: 56 Resp: 146
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#

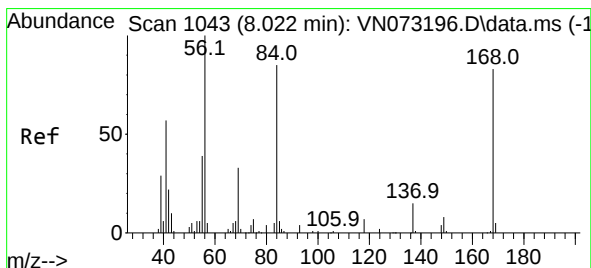
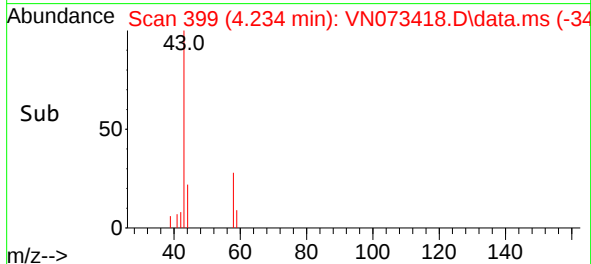
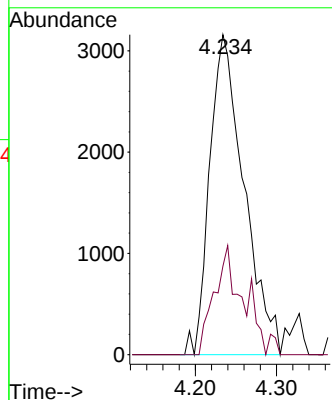
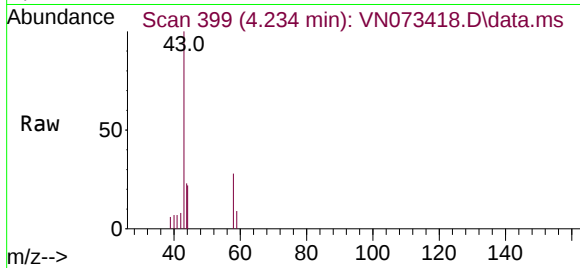




#16
Acetone
Concen: 4.167 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073418.D
Acq: 11 Jul 2022 14:42

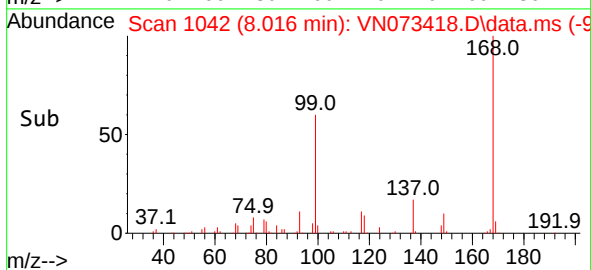
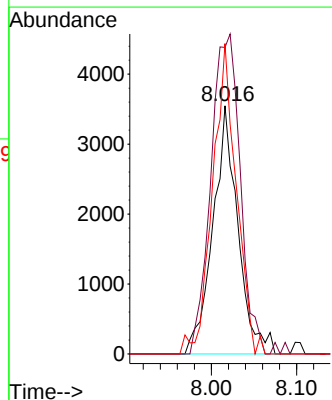
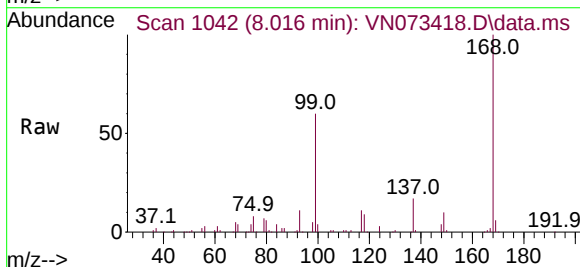
Instrument :
MSVOA_N
ClientSampleId :
SW-2

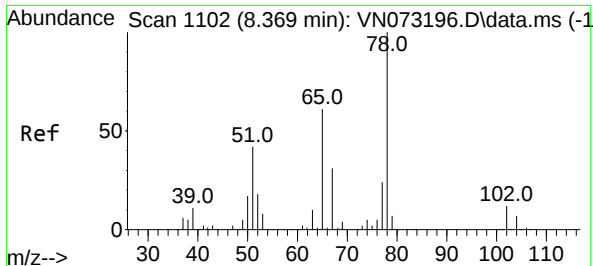
Tgt Ion: 43 Resp: 9254
Ion Ratio Lower Upper
43 100
58 27.6 26.0 39.0



#31
Cyclohexane
Concen: 1.118 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073418.D
Acq: 11 Jul 2022 14:42

Tgt Ion: 56 Resp: 7246
Ion Ratio Lower Upper
56 100
69 123.5 27.8 41.8#
84 125.1 76.9 115.3#

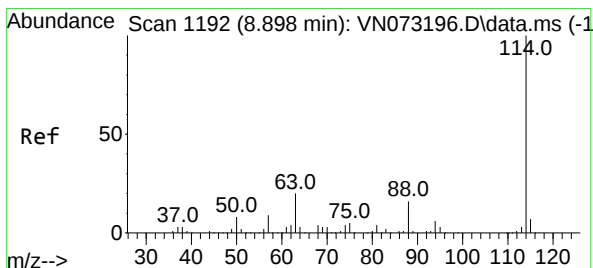
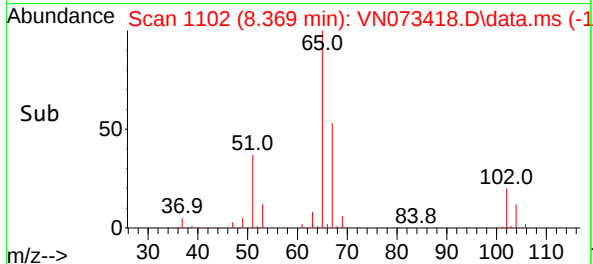
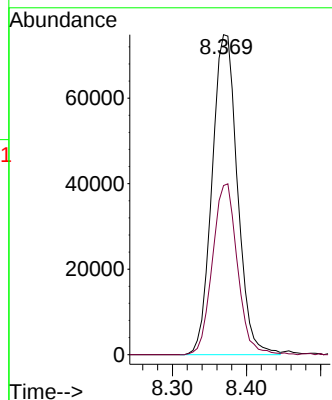
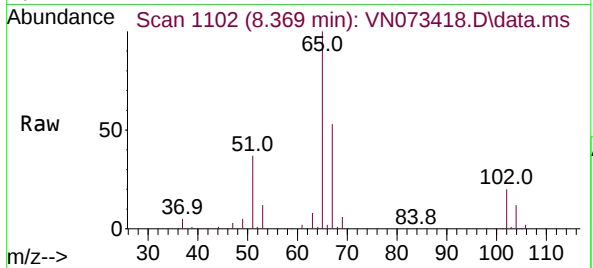




#33
 1,2-Dichloroethane-d4
 Concen: 44.993 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. -0.000 min
 Lab File: VN073418.D
 Acq: 11 Jul 2022 14:42

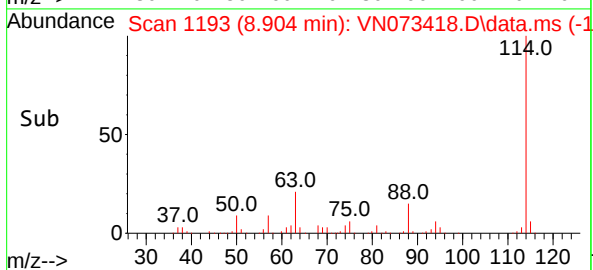
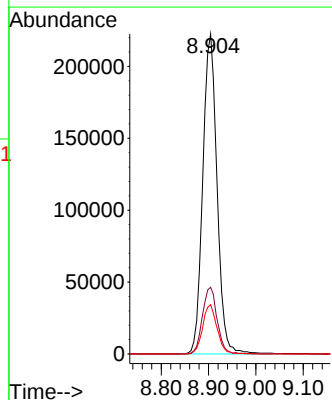
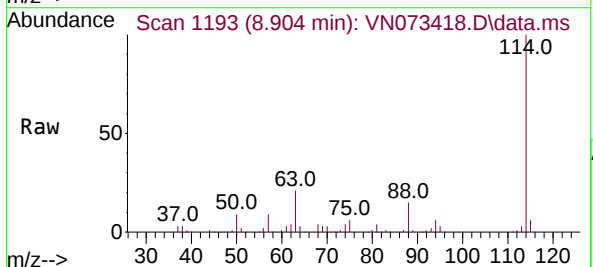
Instrument :
 MSVOA_N
 ClientSampleId :
 SW-2

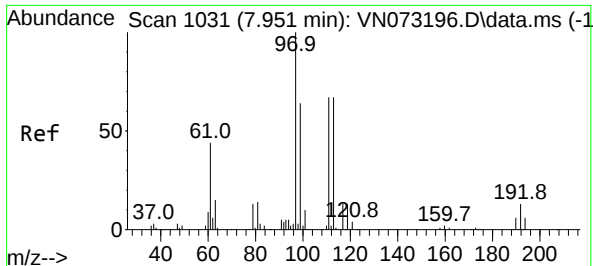
Tgt Ion: 65 Resp: 177997
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.904 min Scan# 1193
 Delta R.T. 0.006 min
 Lab File: VN073418.D
 Acq: 11 Jul 2022 14:42

Tgt Ion: 114 Resp: 464618
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.0
 88 15.4 0.0 32.6

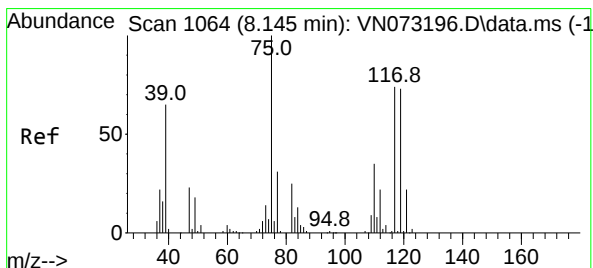
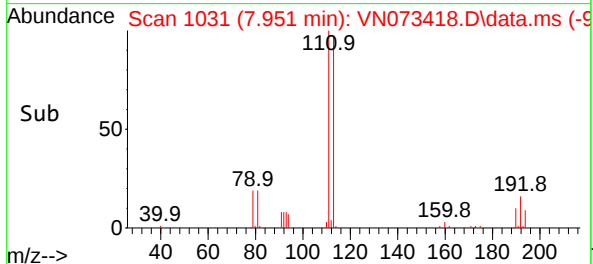
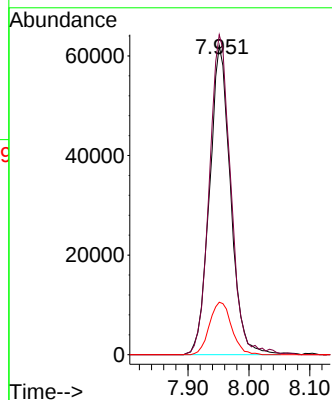
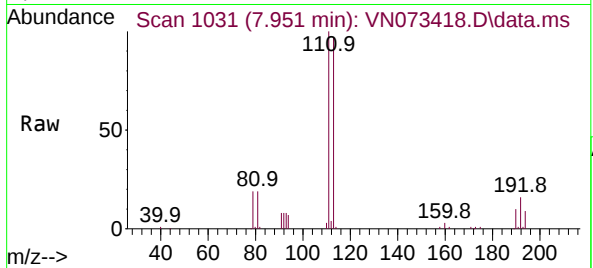




#35
Dibromofluoromethane
Concen: 48.202 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073418.D
Acq: 11 Jul 2022 14:42

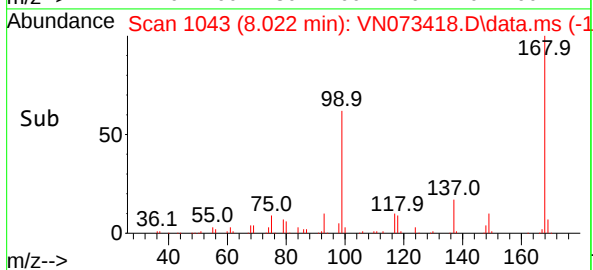
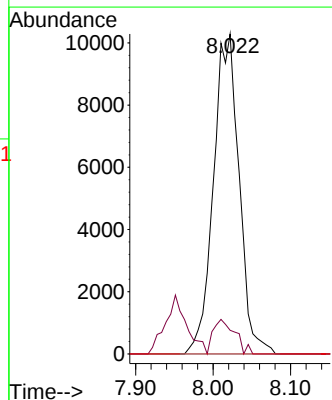
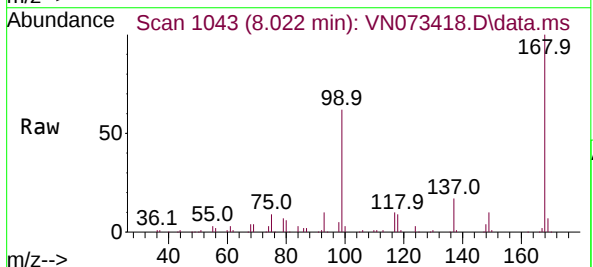
Instrument :
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SW-2

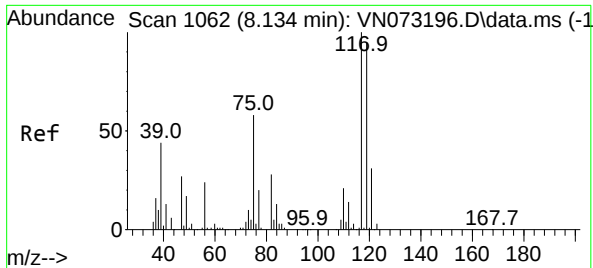
Tgt Ion:113 Resp: 149000
Ion Ratio Lower Upper
113 100
111 105.6 81.4 122.0
192 17.8 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.975 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.123 min
Lab File: VN073418.D
Acq: 11 Jul 2022 14:42

Tgt Ion: 75 Resp: 23663
Ion Ratio Lower Upper
75 100
110 9.1 18.3 54.8#
77 0.0 25.1 37.7#

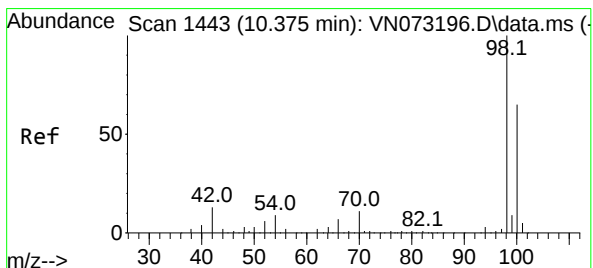
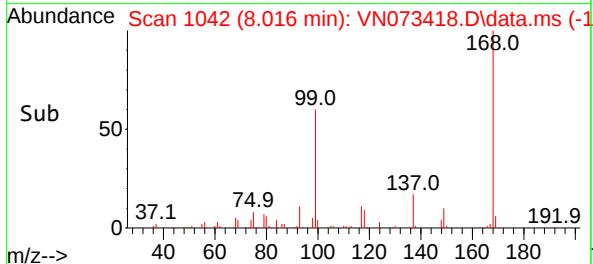
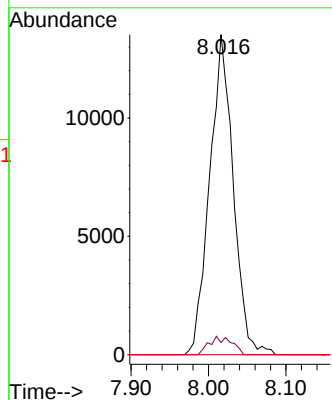
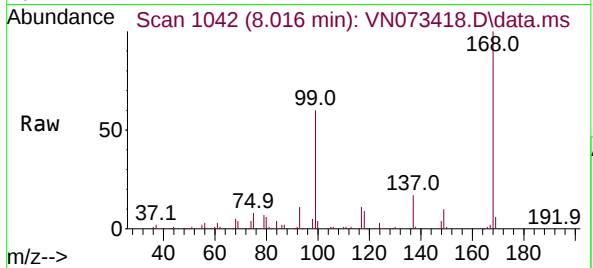




#38
Carbon Tetrachloride
Concen: 5.828 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073418.D
Acq: 11 Jul 2022 14:42

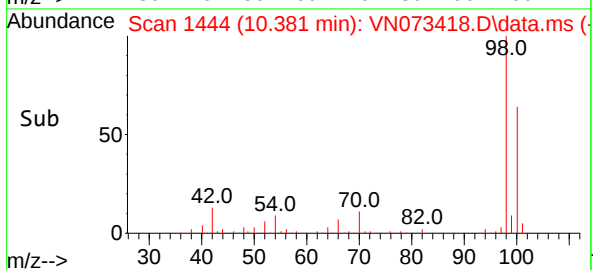
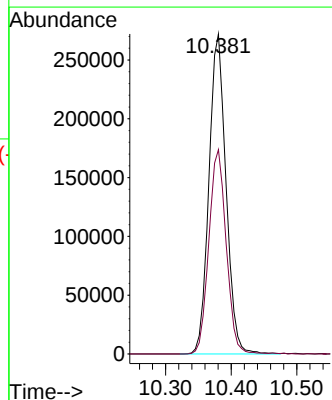
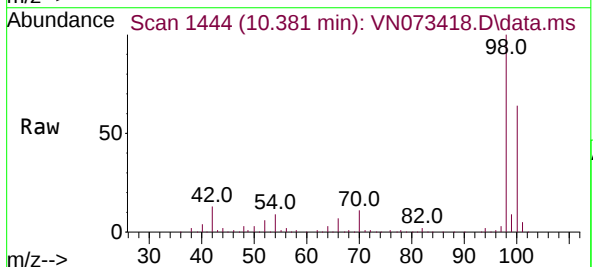
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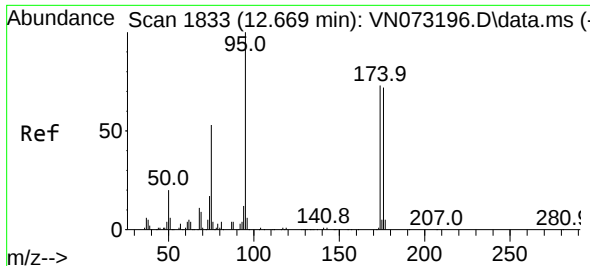
Tgt Ion:117 Resp: 28667
Ion Ratio Lower Upper
117 100
119 3.8 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 44.818 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073418.D
Acq: 11 Jul 2022 14:42

Tgt Ion: 98 Resp: 492051
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8

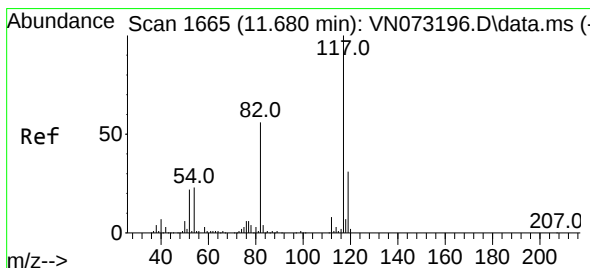
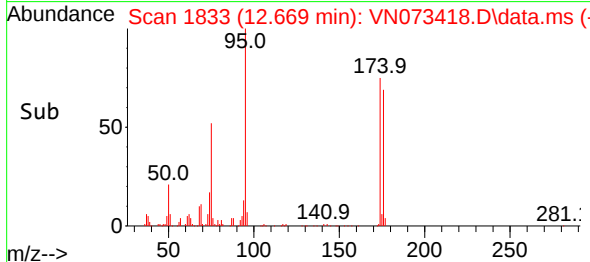
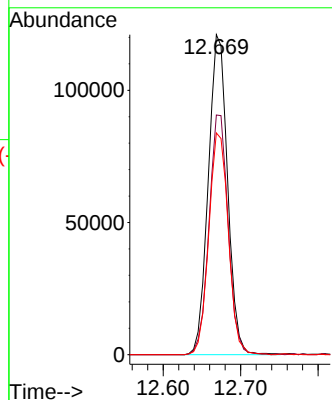
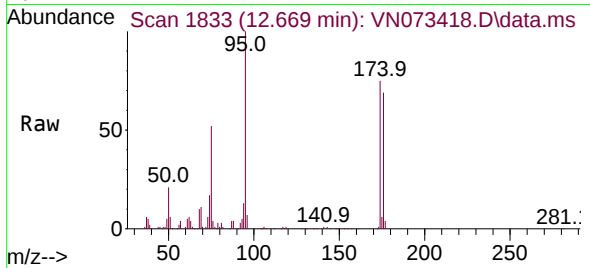




#62
4-Bromofluorobenzene
Concen: 49.533 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073418.D
Acq: 11 Jul 2022 14:42

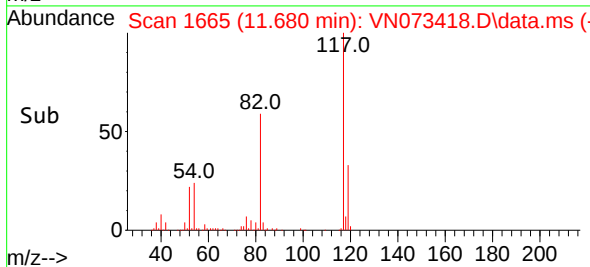
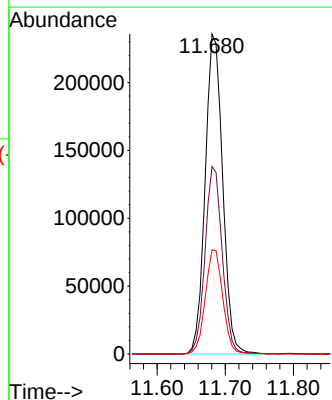
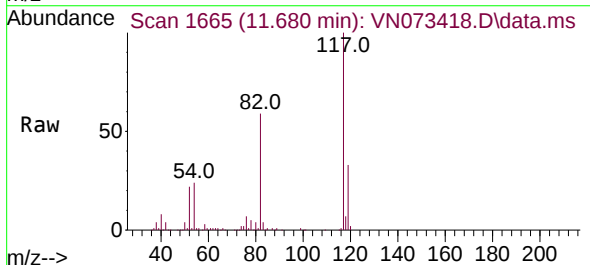
Instrument :
MSVOA_N
ClientSampleId :
SW-2

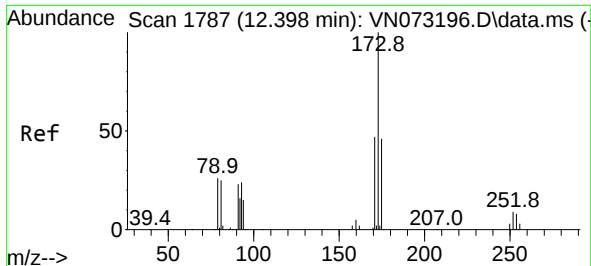
Tgt Ion: 95 Resp: 208986
Ion Ratio Lower Upper
95 100
174 74.5 0.0 167.6
176 70.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073418.D
Acq: 11 Jul 2022 14:42

Tgt Ion: 117 Resp: 420892
Ion Ratio Lower Upper
117 100
82 58.6 44.2 66.2
119 32.5 25.4 38.0

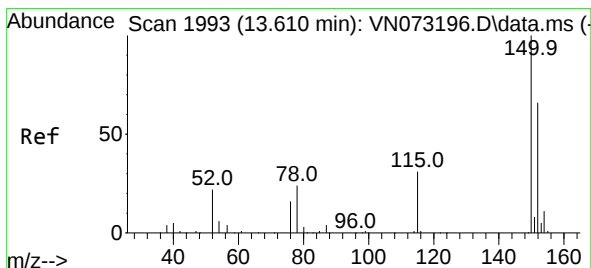
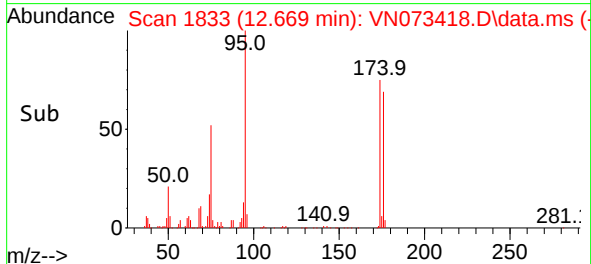
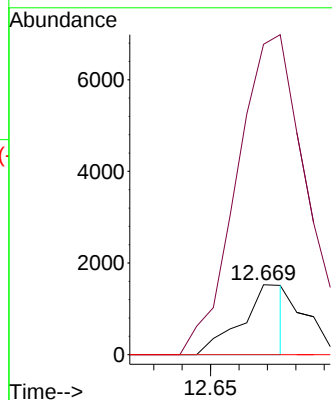
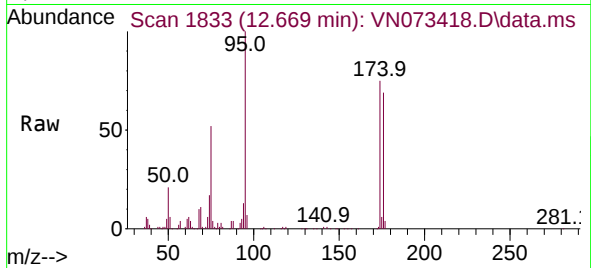




#71
Bromoform
Concen: 0.640 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073418.D
Acq: 11 Jul 2022 14:42

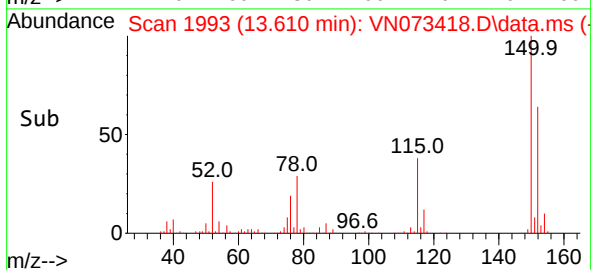
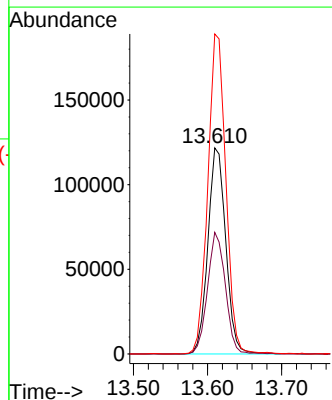
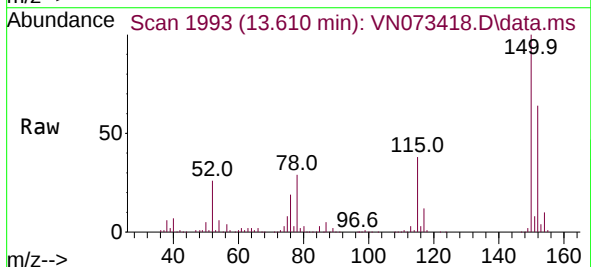
Instrument :
MSVOA_N
ClientSampleId :
SW-2

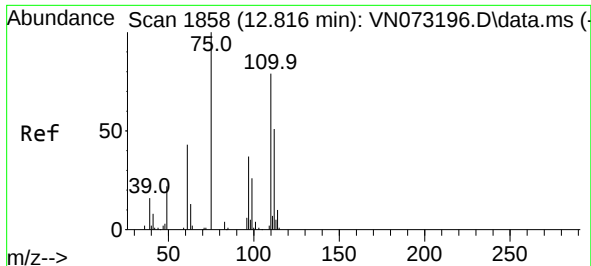
Tgt Ion:173 Resp: 1640
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073418.D
Acq: 11 Jul 2022 14:42

Tgt Ion:152 Resp: 204468
Ion Ratio Lower Upper
152 100
115 58.9 28.9 86.7
150 156.3 0.0 356.2

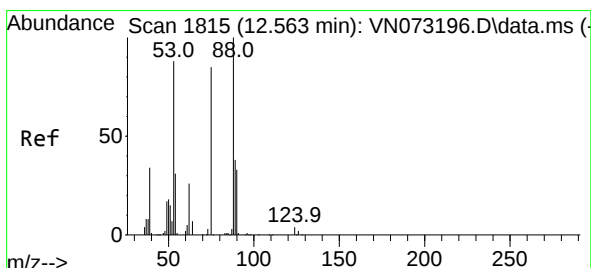
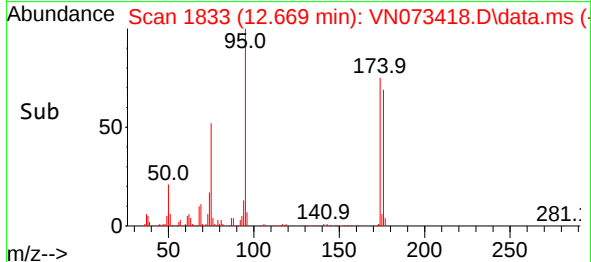
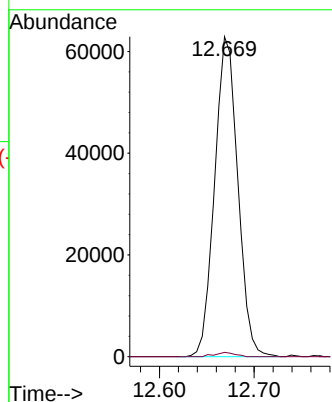
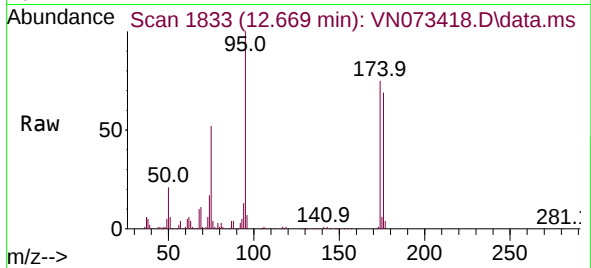




#76
1,2,3-Trichloropropane
Concen: 20.035 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073418.D
Acq: 11 Jul 2022 14:42

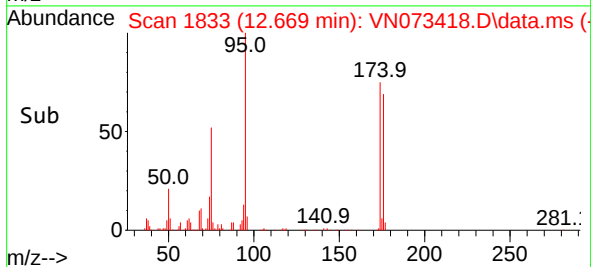
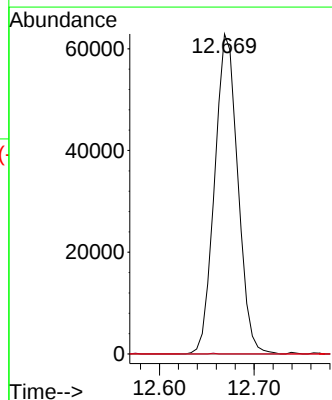
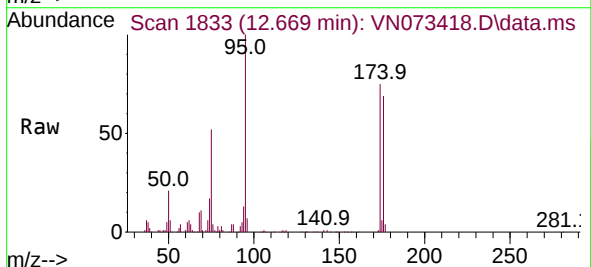
Instrument :
MSVOA_N
ClientSampleId :
SW-2

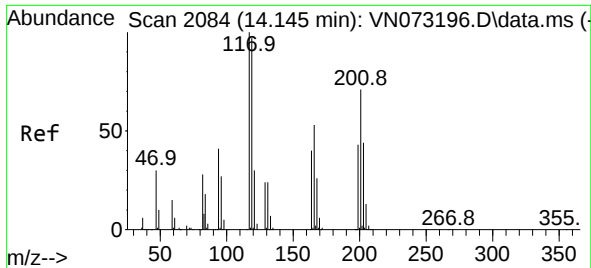
Tgt Ion: 75 Resp: 107116
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.945 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073418.D
Acq: 11 Jul 2022 14:42

Tgt Ion: 75 Resp: 107116
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#





#90
Hexachloroethane
Concen: 0.429 ug/l
RT: 14.269 min Scan# 21
Delta R.T. 0.123 min
Lab File: VN073418.D
Acq: 11 Jul 2022 14:42

Instrument :
MSVOA_N
ClientSampleId :
SW-2

Tgt Ion:117 Resp: 1120
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#

