

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071122\
 Data File : VN073417.D
 Acq On : 11 Jul 2022 14:17
 Operator : JC\MD
 Sample : N3651-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SW-1

Quant Time: Jul 12 07:26:53 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)

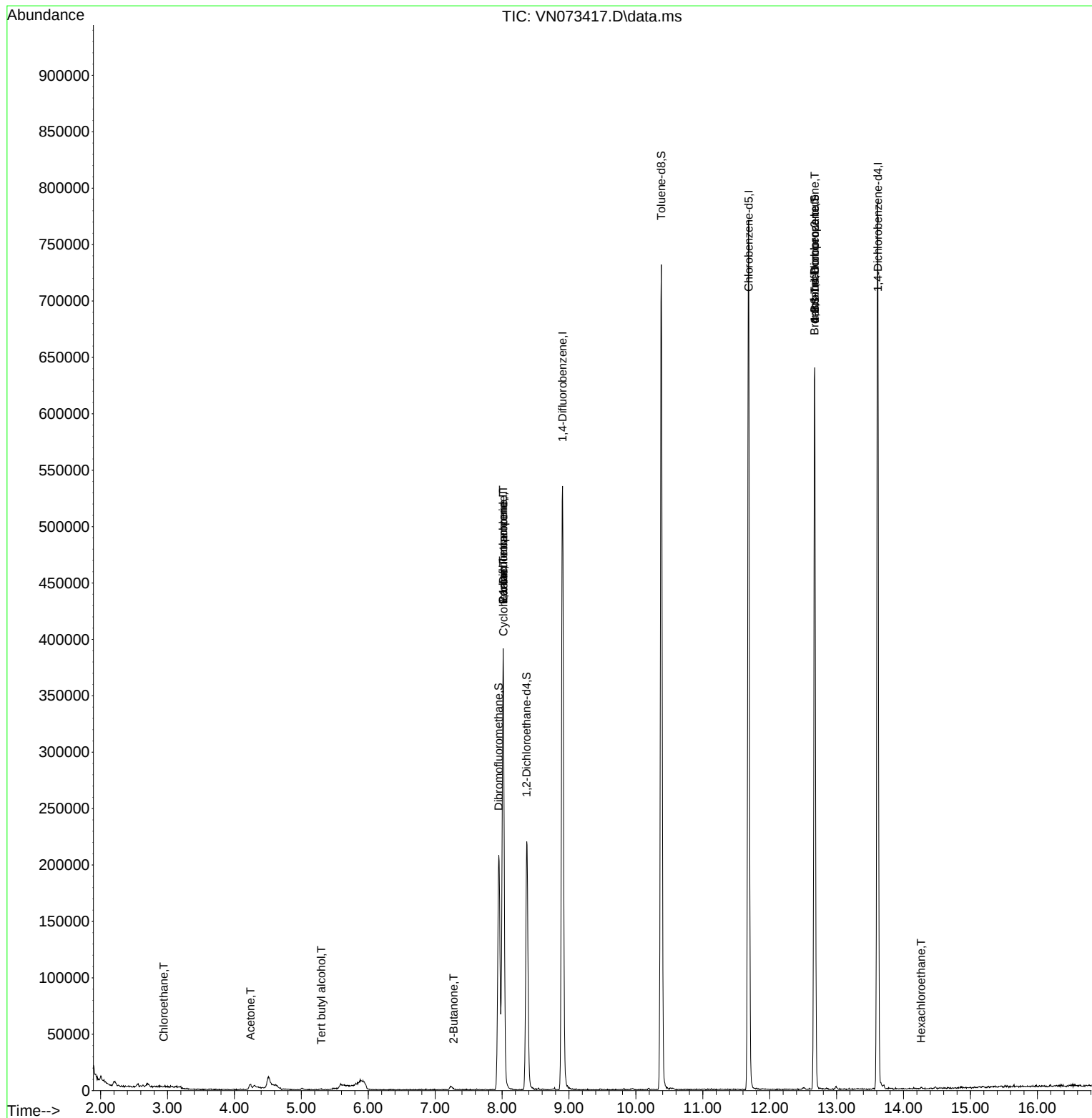
Internal Standards						
1) Pentafluorobenzene	8.016	168	281748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	477228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	441235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	213185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	188498	46.344	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.680%
35) Dibromofluoromethane	7.951	113	155638	49.019	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.040%
50) Toluene-d8	10.380	98	503297	44.631	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.260%
62) 4-Bromofluorobenzene	12.674	95	221517	51.116	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.240%
Target Compounds						
					Qvalue	
6) Chloroethane	2.946	64	567	0.284	ug/l #	42
11) Tert butyl alcohol	5.298	59	1462	1.484	ug/l #	72
16) Acetone	4.240	43	8533	3.738	ug/l	98
25) 2-Butanone	7.275	43	944	0.260	ug/l #	45
31) Cyclohexane	8.022	56	6519	0.979	ug/l #	1
36) 1,1-Dichloropropene	8.016	75	22944	4.696	ug/l #	49
38) Carbon Tetrachloride	8.016	117	30212	5.980	ug/l #	17
71) Bromoform	12.668	173	1346	0.501	ug/l #	28
76) 1,2,3-Trichloropropane	12.674	75	116192	20.844	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	116192	57.164	ug/l #	10
90) Hexachloroethane	14.262	117	928	0.341	ug/l #	9

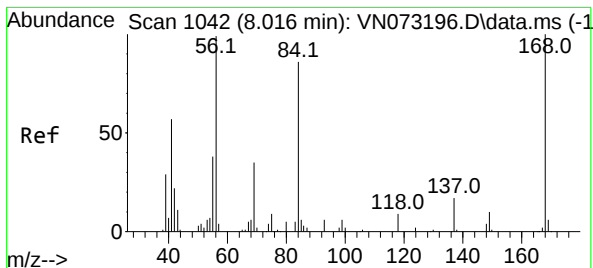
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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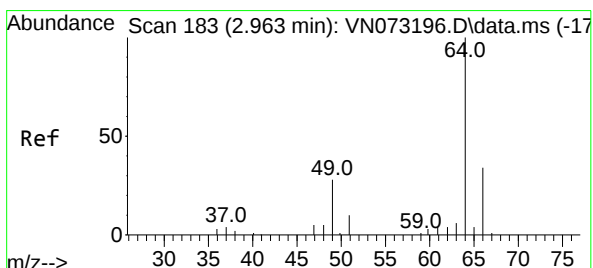
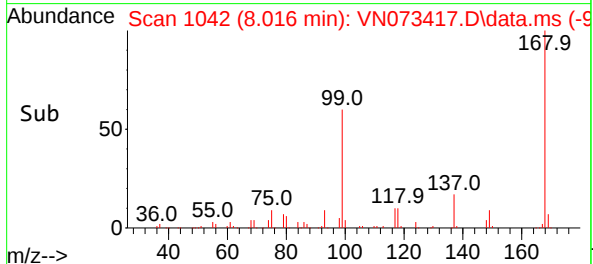
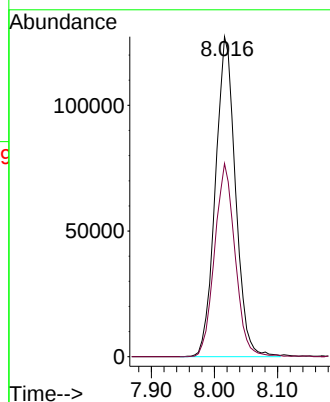
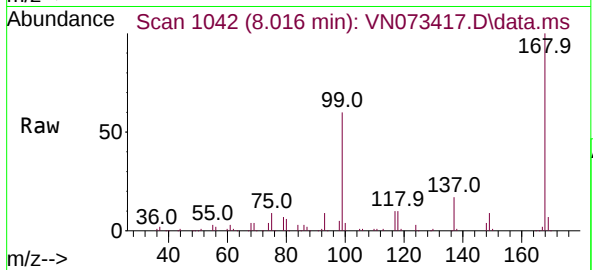




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073417.D
Acq: 11 Jul 2022 14:17

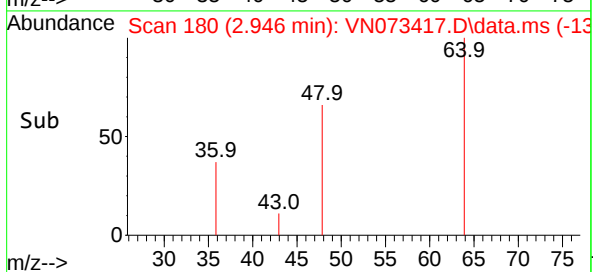
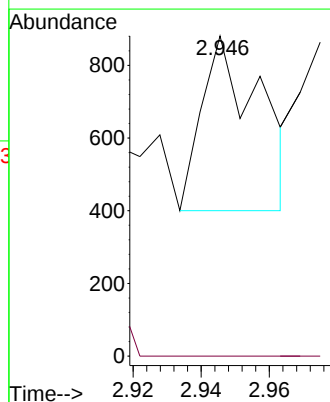
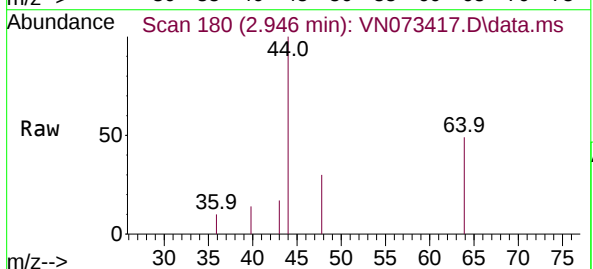
Instrument :
MSVOA_N
ClientSampleId :
SW-1

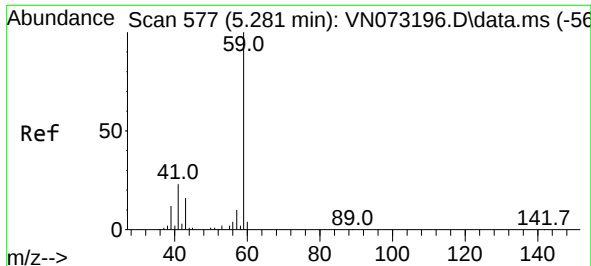
Tgt Ion:168 Resp: 281748
Ion Ratio Lower Upper
168 100
99 60.3 42.3 63.5



#6
Chloroethane
Concen: 0.284 ug/l
RT: 2.946 min Scan# 180
Delta R.T. -0.017 min
Lab File: VN073417.D
Acq: 11 Jul 2022 14:17

Tgt Ion: 64 Resp: 567
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

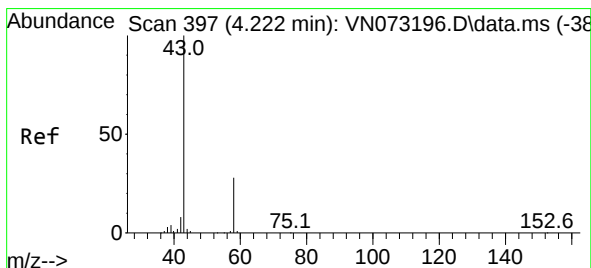
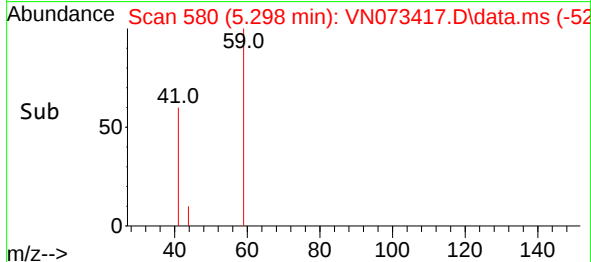
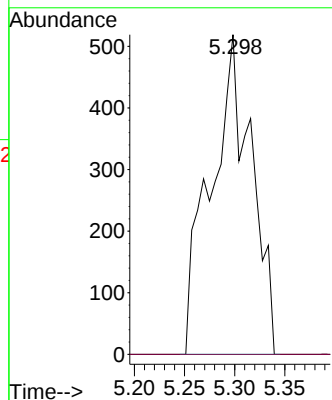
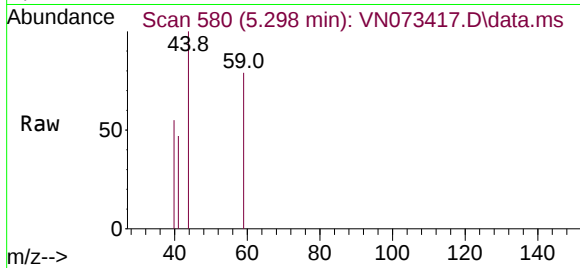




#11
Tert butyl alcohol
Concen: 1.484 ug/l
RT: 5.298 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN073417.D
Acq: 11 Jul 2022 14:17

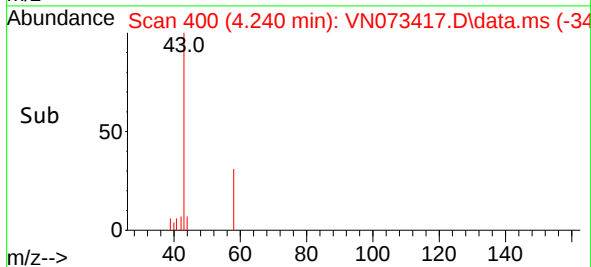
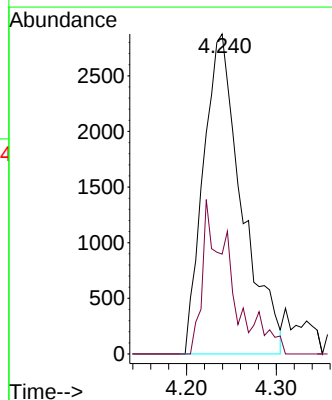
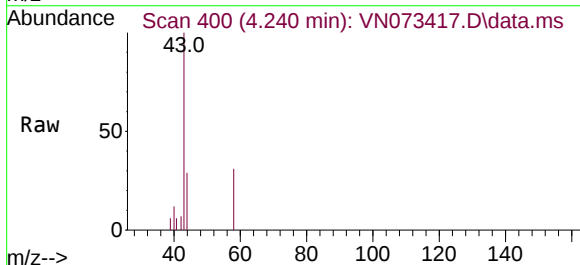
Instrument :
MSVOA_N
ClientSampleId :
SW-1

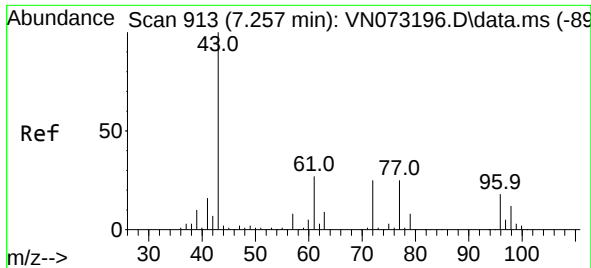
Tgt Ion: 59 Resp: 1462
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 3.738 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN073417.D
Acq: 11 Jul 2022 14:17

Tgt Ion: 43 Resp: 8533
Ion Ratio Lower Upper
43 100
58 31.2 26.0 39.0

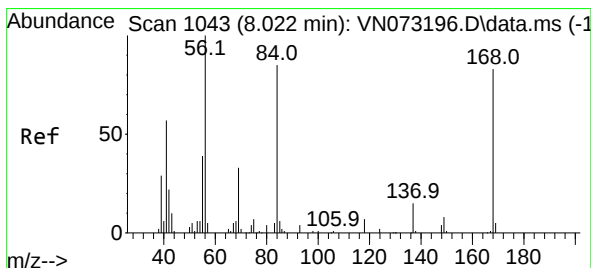
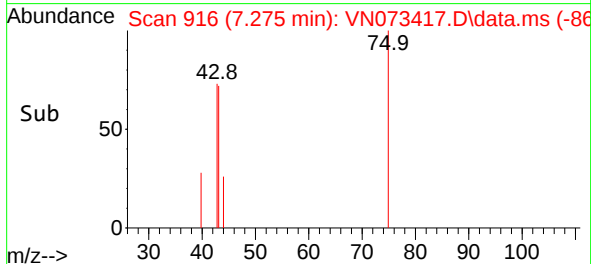
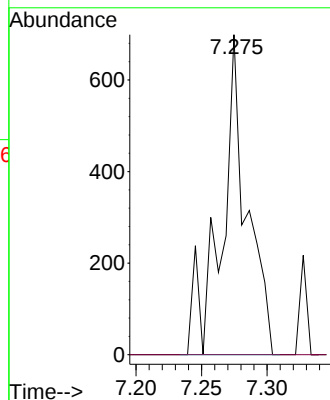
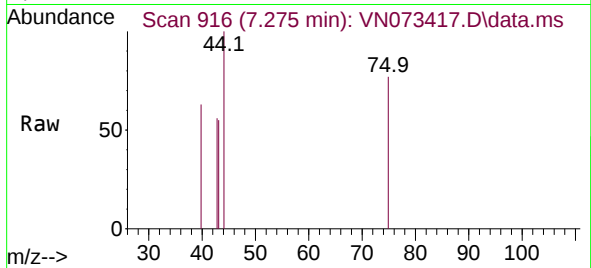




#25
2-Butanone
Concen: 0.260 ug/l
RT: 7.275 min Scan# 916
Delta R.T. 0.018 min
Lab File: VN073417.D
Acq: 11 Jul 2022 14:17

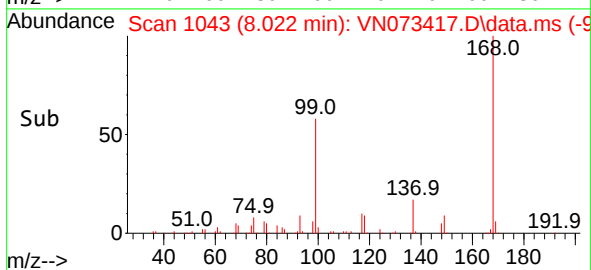
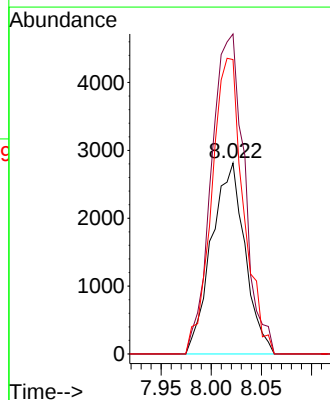
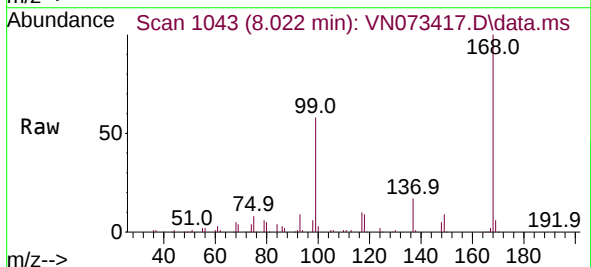
Instrument :
MSVOA_N
ClientSampleId :
SW-1

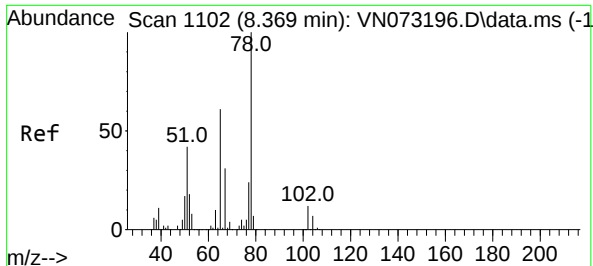
Tgt Ion: 43 Resp: 944
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 0.979 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073417.D
Acq: 11 Jul 2022 14:17

Tgt Ion: 56 Resp: 6519
Ion Ratio Lower Upper
56 100
69 167.6 27.8 41.8#
84 154.2 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 46.344 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073417.D

Acq: 11 Jul 2022 14:17

Instrument :

MSVOA_N

ClientSampleId :

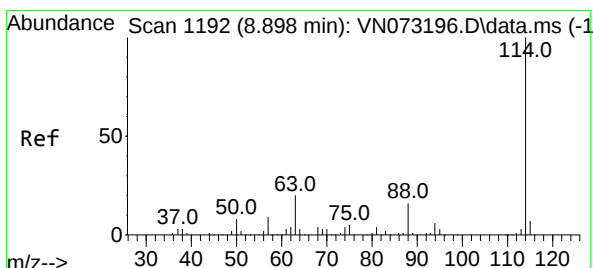
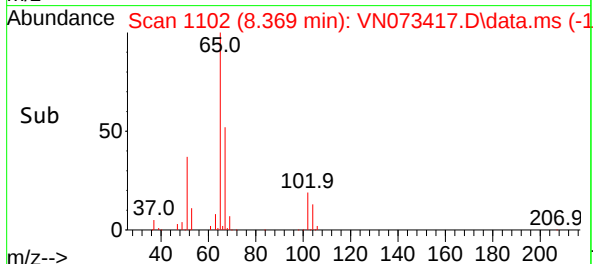
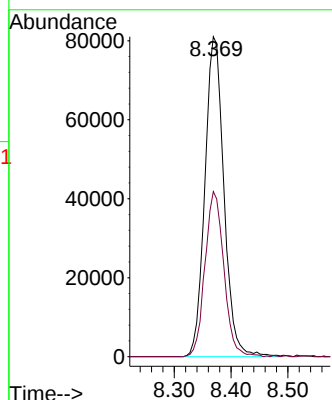
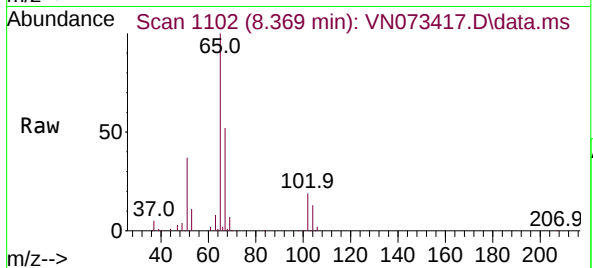
SW-1

Tgt Ion: 65 Resp: 188498

Ion Ratio Lower Upper

65 100

67 51.2 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: VN073417.D

Acq: 11 Jul 2022 14:17

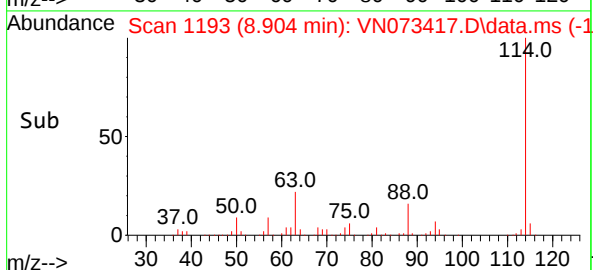
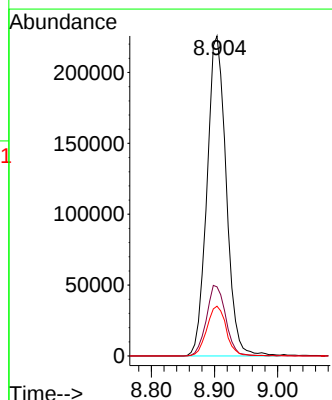
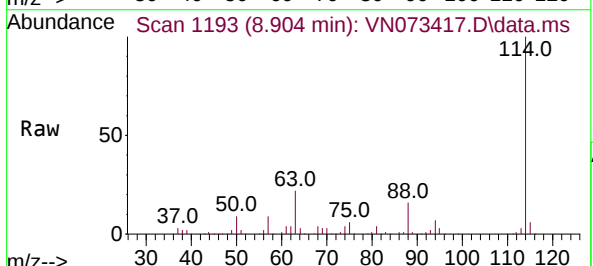
Tgt Ion: 114 Resp: 477228

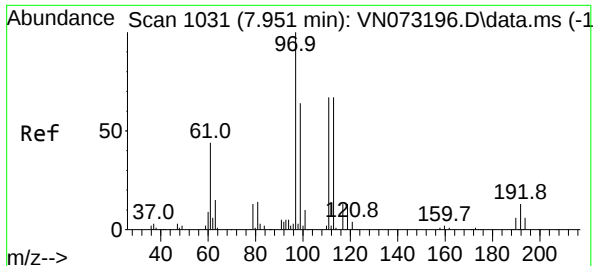
Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.0

88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.019 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073417.D

Acq: 11 Jul 2022 14:17

Instrument :

MSVOA_N

ClientSampleId :

SW-1

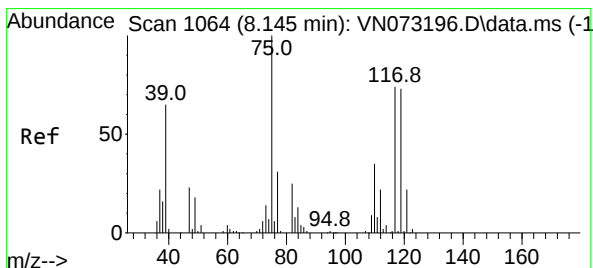
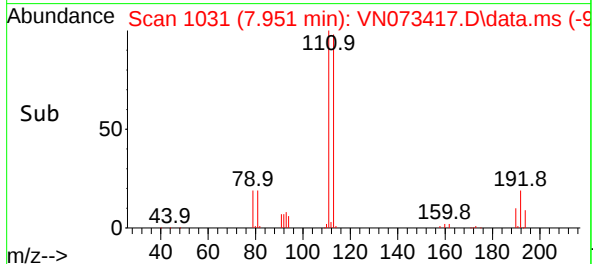
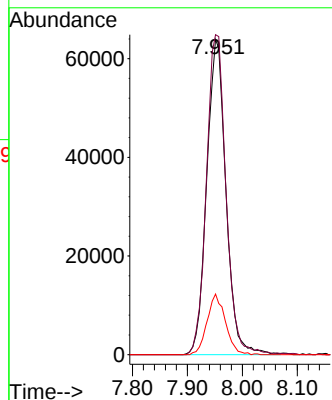
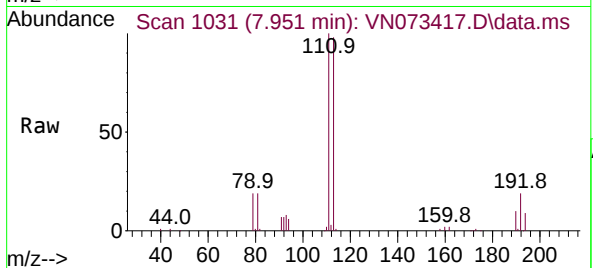
Tgt Ion:113 Resp: 155638

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 18.4 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.696 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073417.D

Acq: 11 Jul 2022 14:17

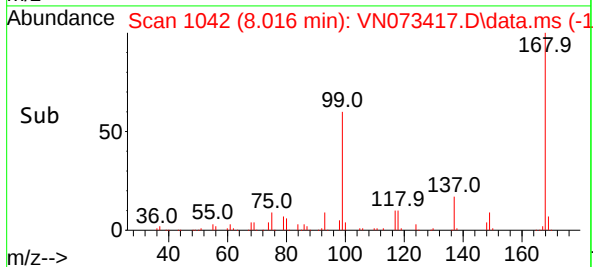
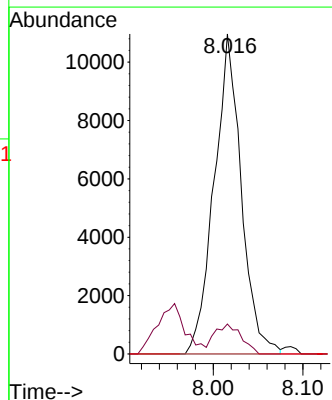
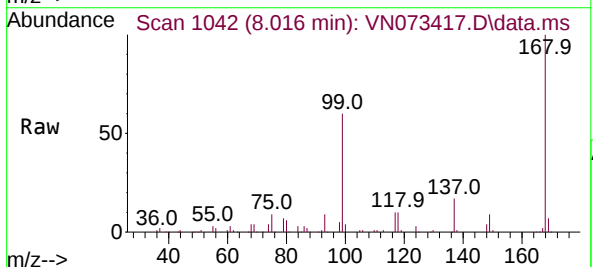
Tgt Ion: 75 Resp: 22944

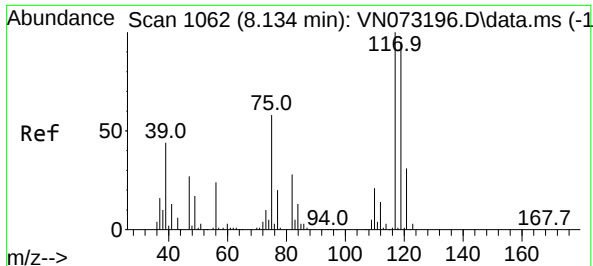
Ion Ratio Lower Upper

75 100

110 9.1 18.3 54.8#

77 0.0 25.1 37.7#

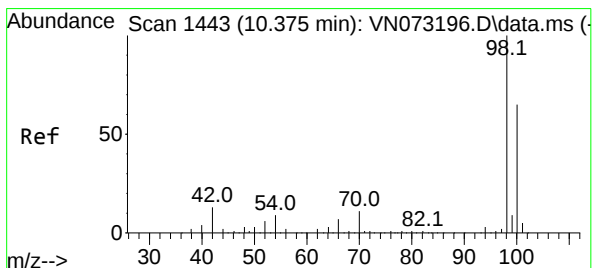
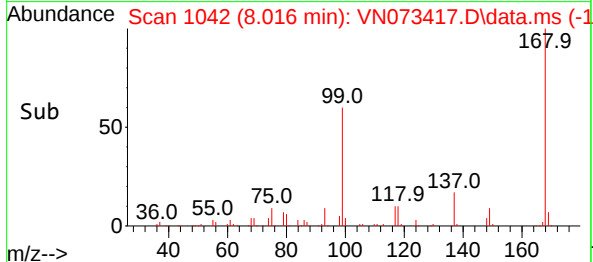
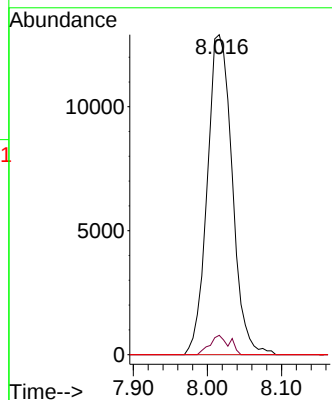
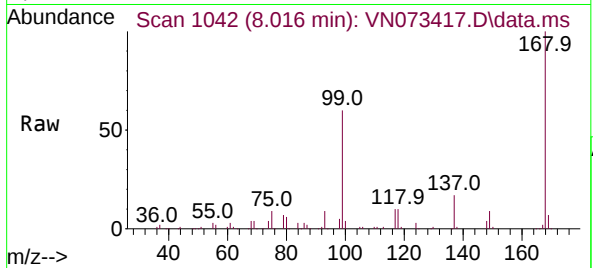




#38
Carbon Tetrachloride
Concen: 5.980 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073417.D
Acq: 11 Jul 2022 14:17

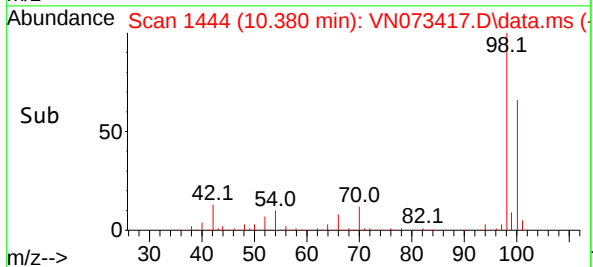
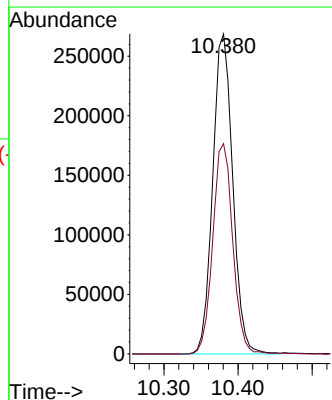
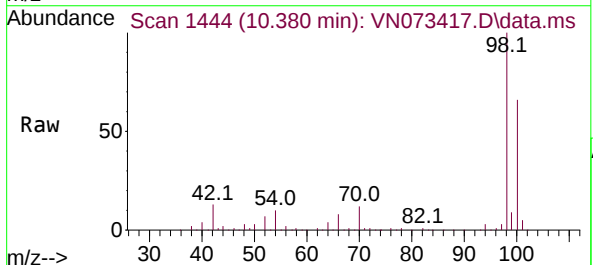
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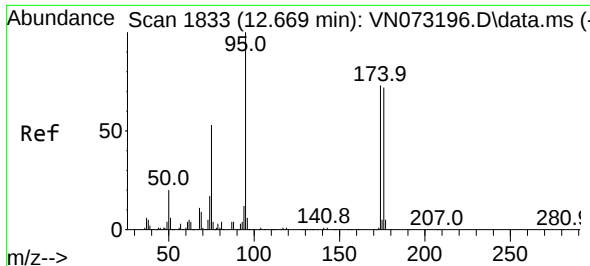
Tgt Ion:117 Resp: 30212
Ion Ratio Lower Upper
117 100
119 6.1 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 44.631 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073417.D
Acq: 11 Jul 2022 14:17

Tgt Ion: 98 Resp: 503297
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8

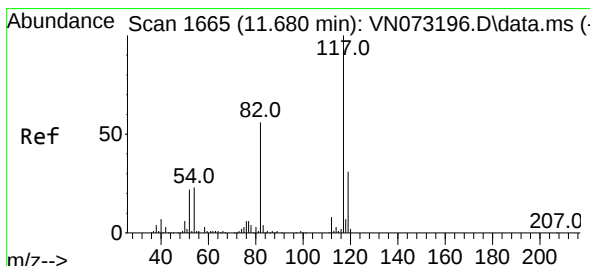
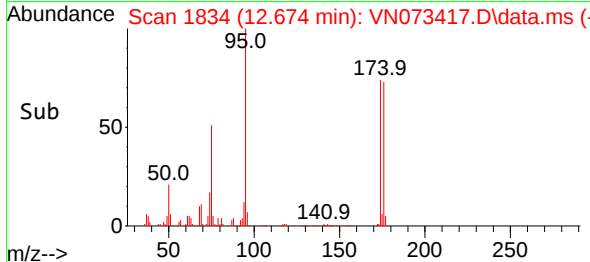
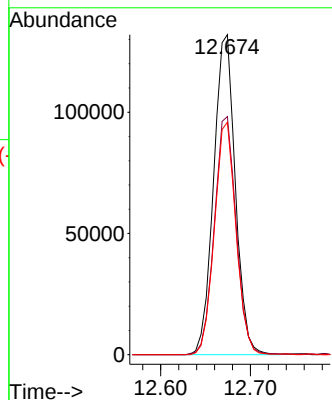
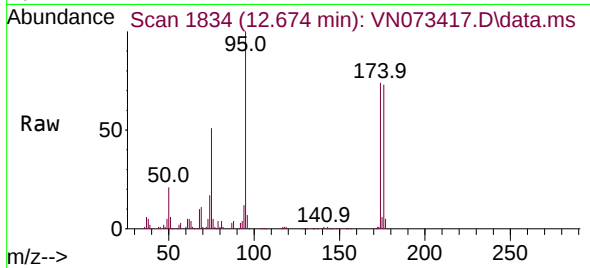




#62
4-Bromofluorobenzene
Concen: 51.116 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073417.D
Acq: 11 Jul 2022 14:17

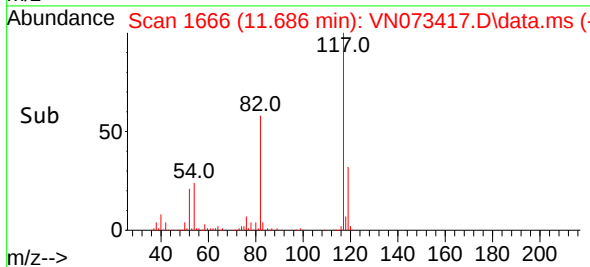
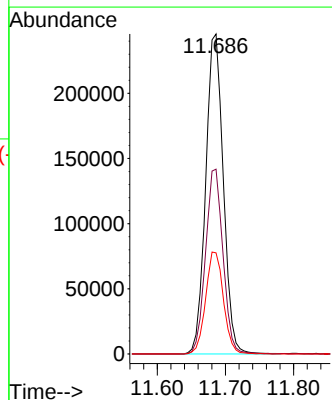
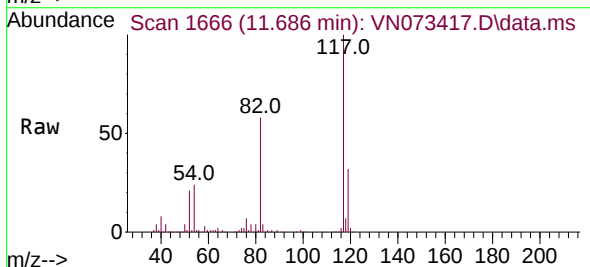
Instrument :
MSVOA_N
ClientSampleId :
SW-1

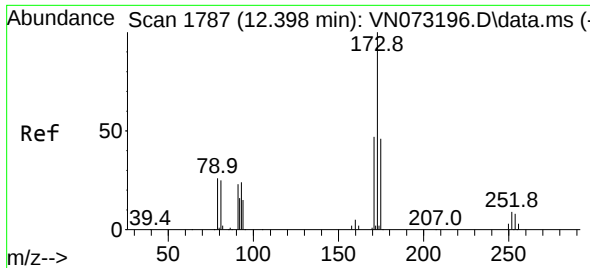
Tgt Ion: 95 Resp: 221517
Ion Ratio Lower Upper
95 100
174 74.9 0.0 167.6
176 72.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073417.D
Acq: 11 Jul 2022 14:17

Tgt Ion: 117 Resp: 441235
Ion Ratio Lower Upper
117 100
82 57.8 44.2 66.2
119 31.6 25.4 38.0

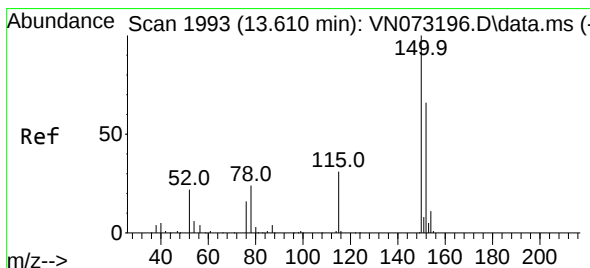
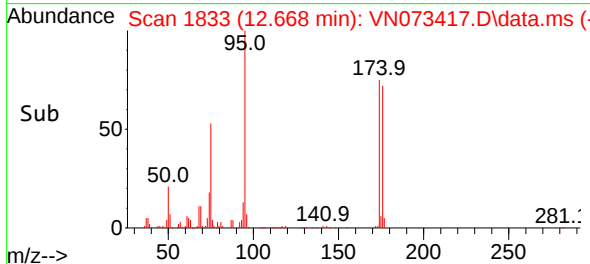
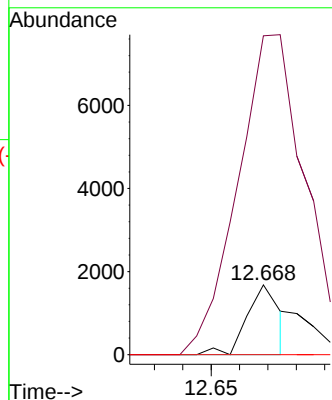
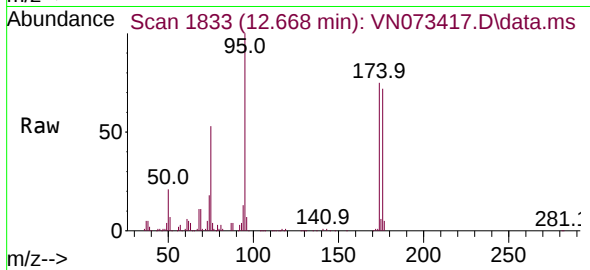




#71
Bromoform
Concen: 0.501 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.270 min
Lab File: VN073417.D
Acq: 11 Jul 2022 14:17

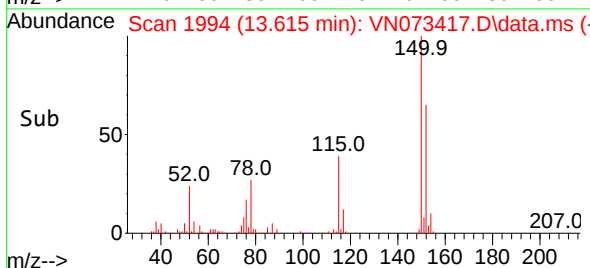
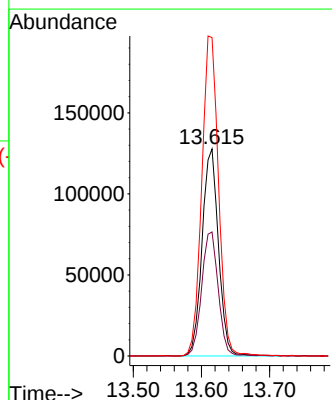
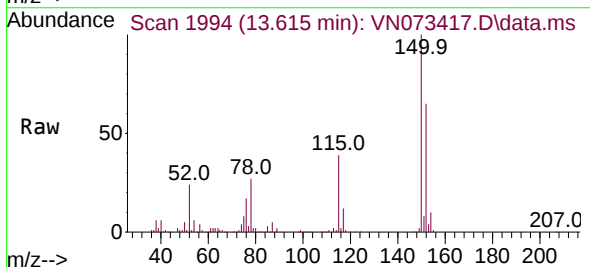
Instrument :
MSVOA_N
ClientSampleId :
SW-1

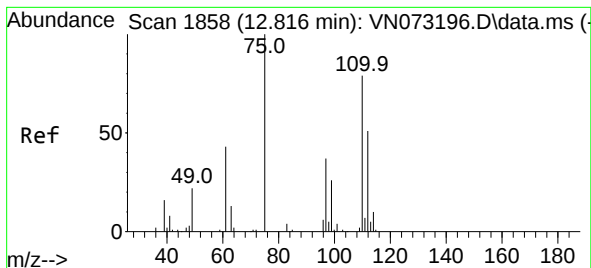
Tgt Ion:173 Resp: 1346
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.005 min
Lab File: VN073417.D
Acq: 11 Jul 2022 14:17

Tgt Ion:152 Resp: 213185
Ion Ratio Lower Upper
152 100
115 60.6 28.9 86.7
150 158.3 0.0 356.2





#76

1,2,3-Trichloropropane

Concen: 20.844 ug/l

RT: 12.674 min Scan# 1834

Delta R.T. -0.142 min

Lab File: VN073417.D

Acq: 11 Jul 2022 14:17

Instrument :

MSVOA_N

ClientSampleId :

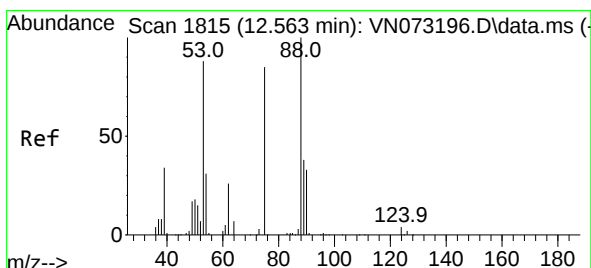
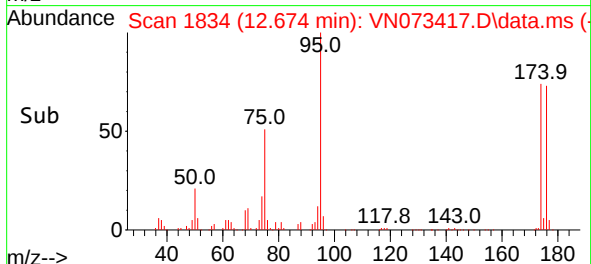
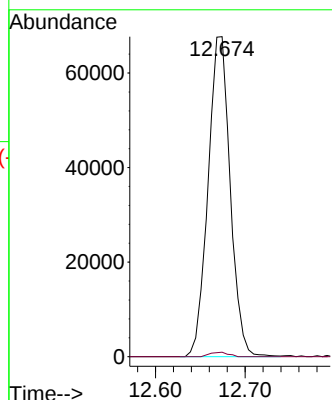
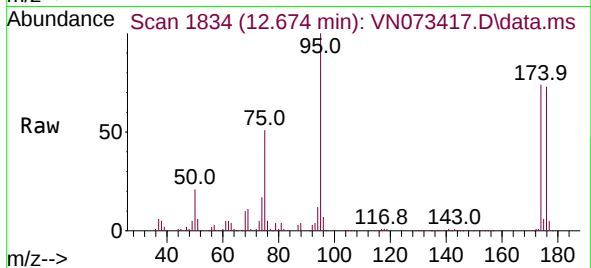
SW-1

Tgt Ion: 75 Resp: 116192

Ion Ratio Lower Upper

75 100

77 1.2 98.5 295.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 57.164 ug/l

RT: 12.674 min Scan# 1834

Delta R.T. 0.111 min

Lab File: VN073417.D

Acq: 11 Jul 2022 14:17

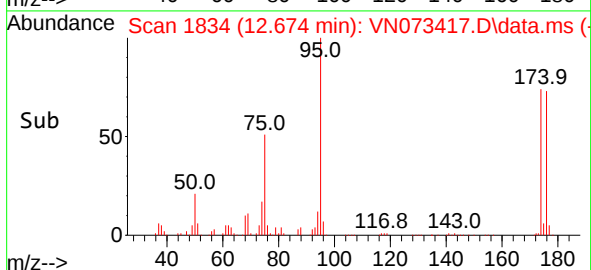
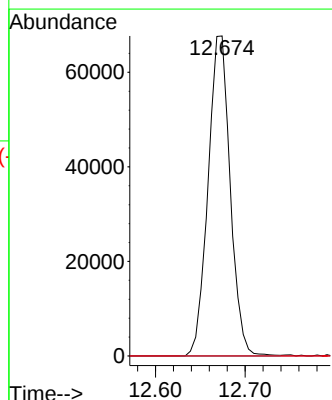
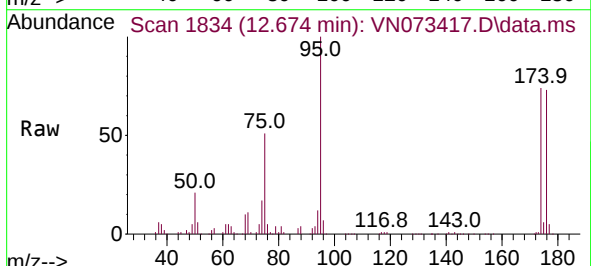
Tgt Ion: 75 Resp: 116192

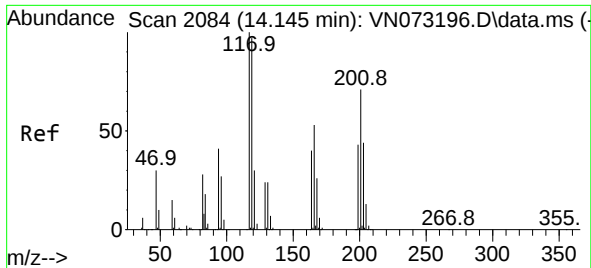
Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.0 37.2 55.8#





#90
Hexachloroethane
Concen: 0.341 ug/l
RT: 14.262 min Scan# 2104
Delta R.T. 0.117 min
Lab File: VN073417.D
Acq: 11 Jul 2022 14:17

Instrument :
MSVOA_N
ClientSampleId :
SW-1

Tgt Ion:117 Resp: 928
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#

