

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071122\
 Data File : VN073419.D
 Acq On : 11 Jul 2022 15:06
 Operator : JC\MD
 Sample : N3651-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SW-3

Quant Time: Jul 12 07:27:30 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)

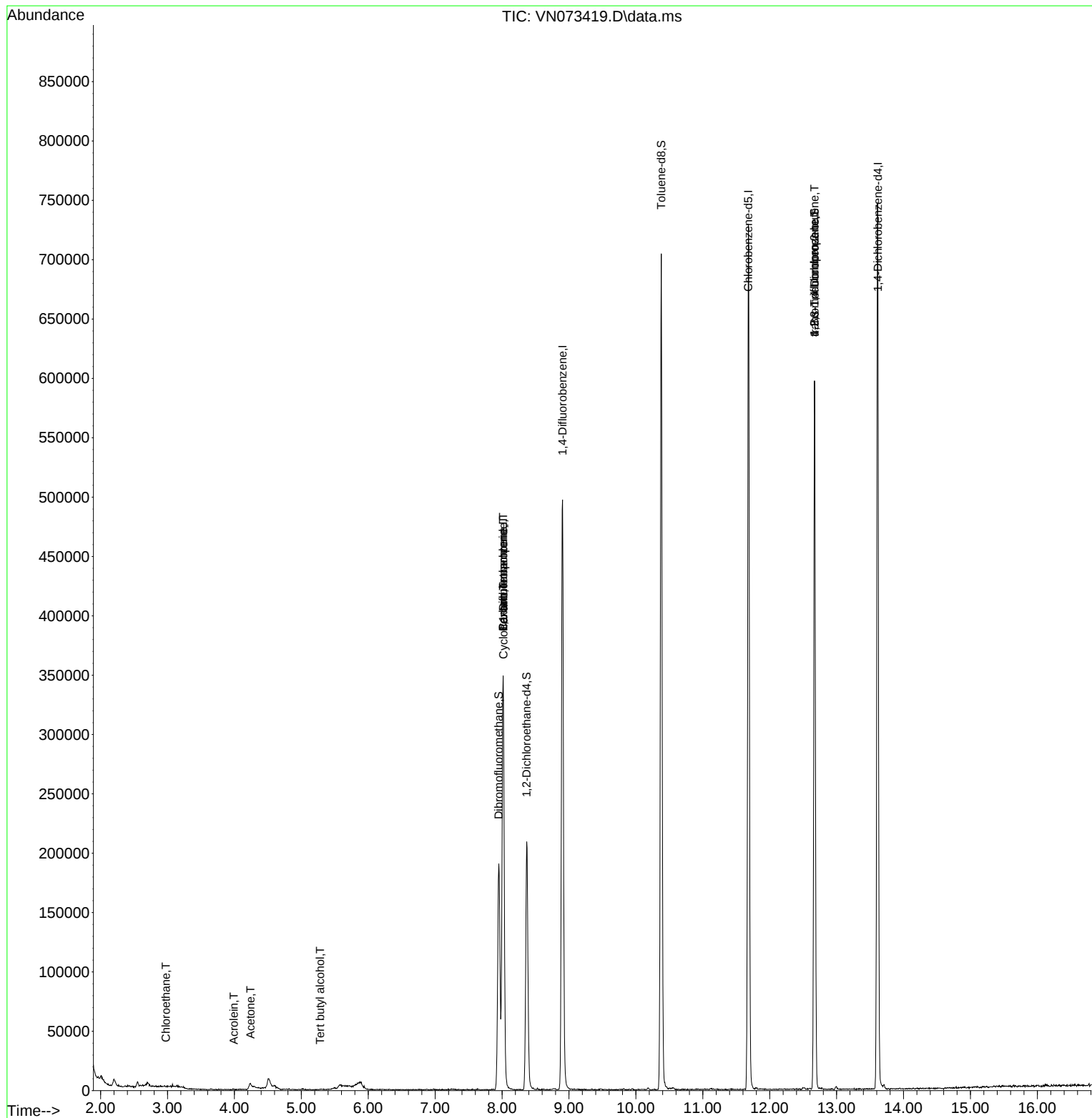
Internal Standards						
1) Pentafluorobenzene	8.016	168	261085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	441188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	415124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	205076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	175581	46.585	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.160%
35) Dibromofluoromethane	7.951	113	144769	49.320	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.640%
50) Toluene-d8	10.380	98	467272	44.822	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.640%
62) 4-Bromofluorobenzene	12.668	95	209337	52.251	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.500%
Target Compounds						
					Qvalue	
6) Chloroethane	2.975	64	398	0.215	ug/l #	42
11) Tert butyl alcohol	5.281	59	335	0.367	ug/l #	72
13) Acrolein	3.993	56	202	0.350	ug/l #	16
16) Acetone	4.240	43	9807	4.635	ug/l	99
31) Cyclohexane	8.022	56	6800	1.102	ug/l #	34
36) 1,1-Dichloropropene	8.016	75	21845	4.837	ug/l #	50
38) Carbon Tetrachloride	8.016	117	27590	5.907	ug/l #	19
76) 1,2,3-Trichloropropane	12.668	75	110676	20.640	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	110676	56.603	ug/l #	10

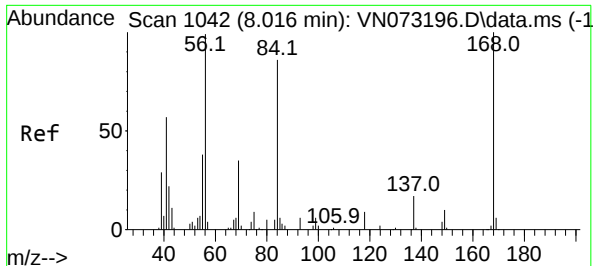
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071122\
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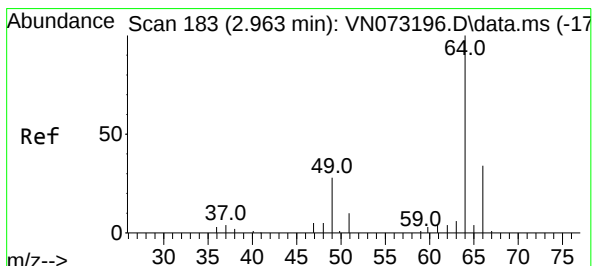
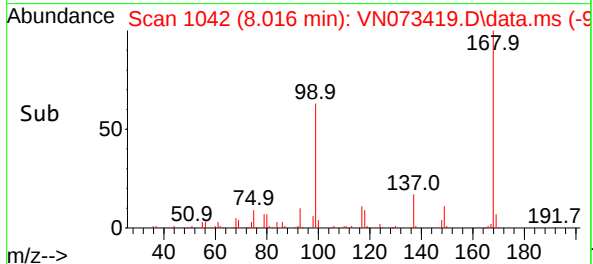
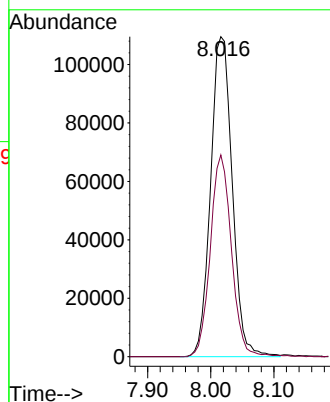
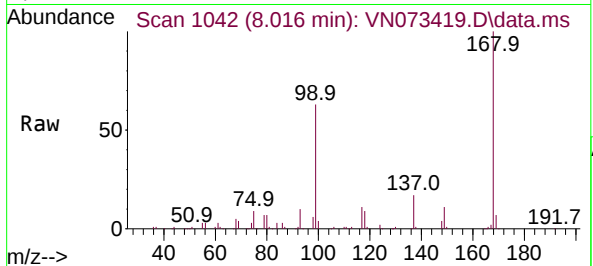




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073419.D
Acq: 11 Jul 2022 15:06

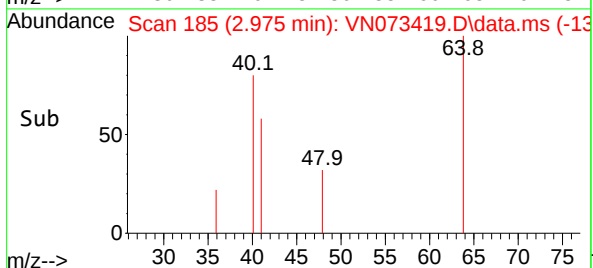
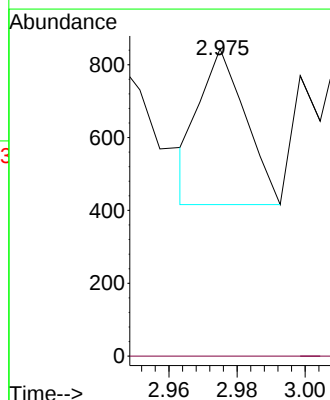
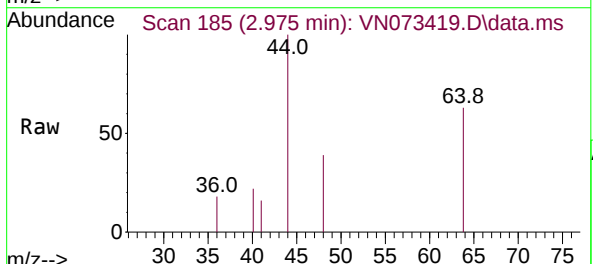
Instrument :
MSVOA_N
ClientSampleId :
SW-3

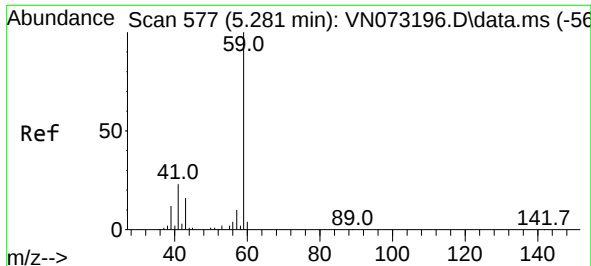
Tgt Ion:168 Resp: 261085
Ion Ratio Lower Upper
168 100
99 63.0 42.3 63.5



#6
Chloroethane
Concen: 0.215 ug/l
RT: 2.975 min Scan# 185
Delta R.T. 0.012 min
Lab File: VN073419.D
Acq: 11 Jul 2022 15:06

Tgt Ion: 64 Resp: 398
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#





#11

Tert butyl alcohol

Concen: 0.367 ug/l

RT: 5.281 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN073419.D

Acq: 11 Jul 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

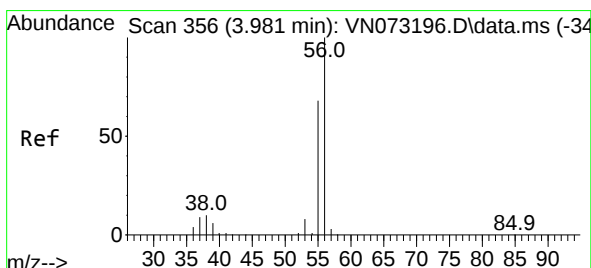
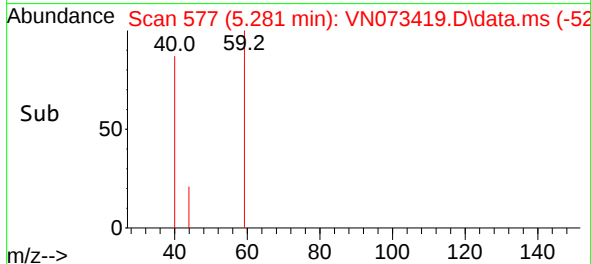
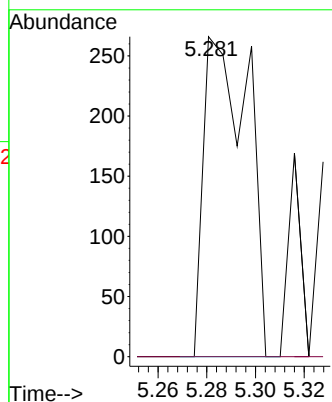
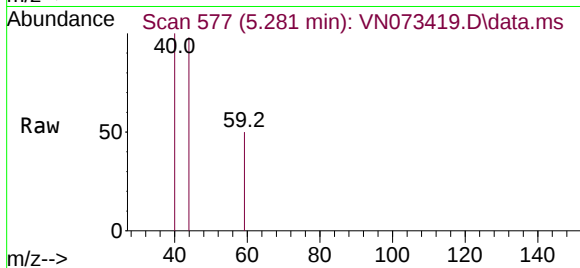
SW-3

Tgt Ion: 59 Resp: 335

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#13

Acrolein

Concen: 0.350 ug/l

RT: 3.993 min Scan# 358

Delta R.T. 0.012 min

Lab File: VN073419.D

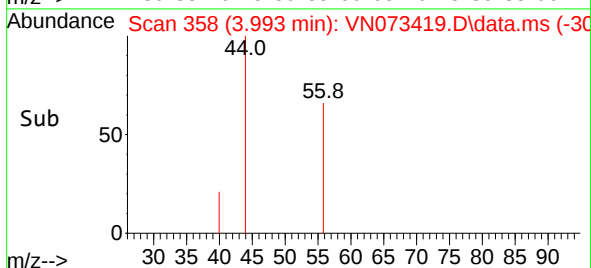
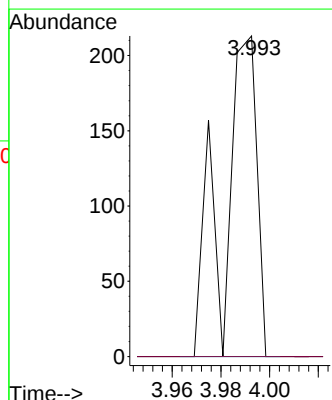
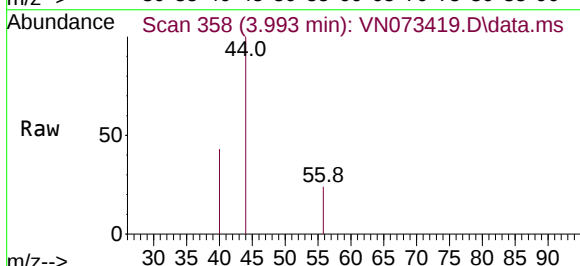
Acq: 11 Jul 2022 15:06

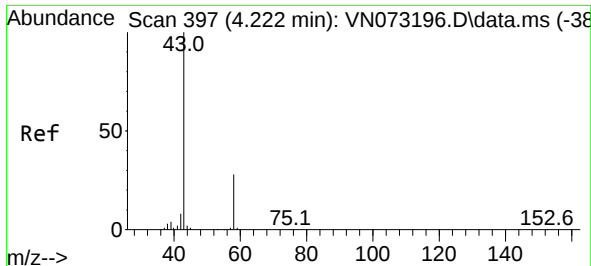
Tgt Ion: 56 Resp: 202

Ion Ratio Lower Upper

56 100

55 0.0 54.8 82.2#





#16

Acetone

Concen: 4.635 ug/l

RT: 4.240 min Scan# 40

Delta R.T. 0.018 min

Lab File: VN073419.D

Acq: 11 Jul 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

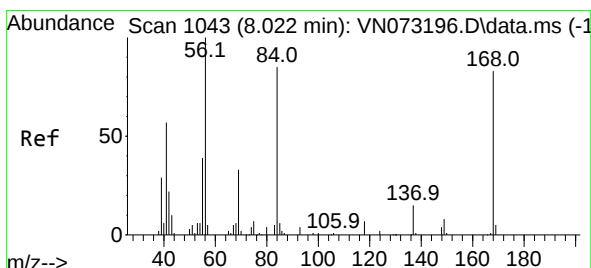
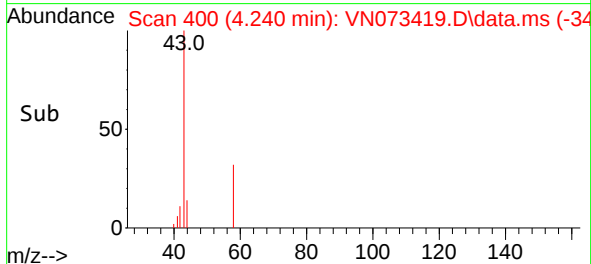
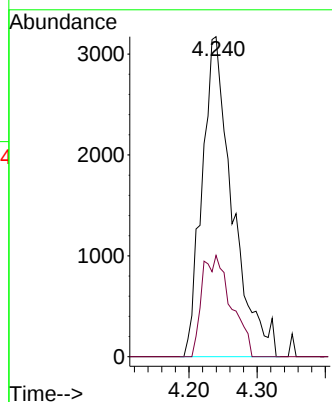
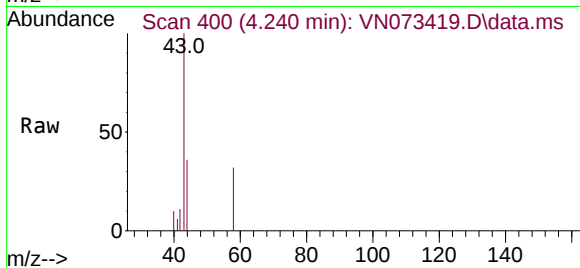
SW-3

Tgt Ion: 43 Resp: 9807

Ion Ratio Lower Upper

43 100

58 31.7 26.0 39.0



#31

Cyclohexane

Concen: 1.102 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VN073419.D

Acq: 11 Jul 2022 15:06

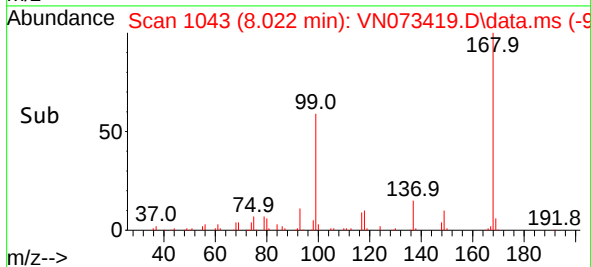
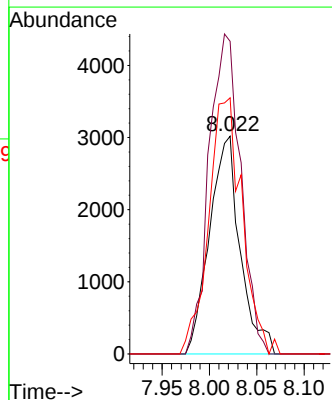
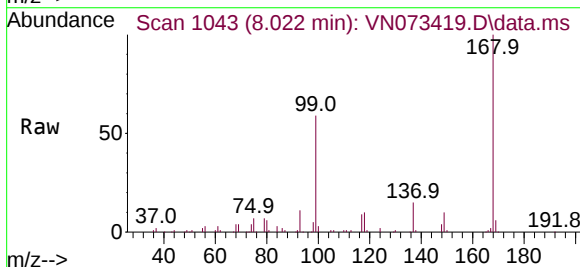
Tgt Ion: 56 Resp: 6800

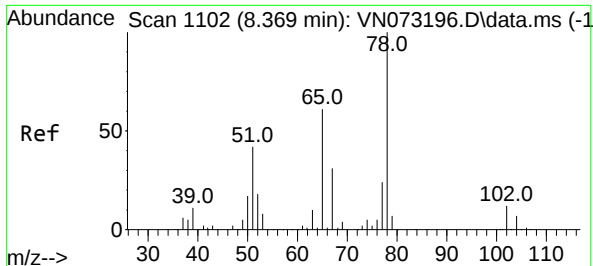
Ion Ratio Lower Upper

56 100

69 143.6 27.8 41.8#

84 117.6 76.9 115.3#

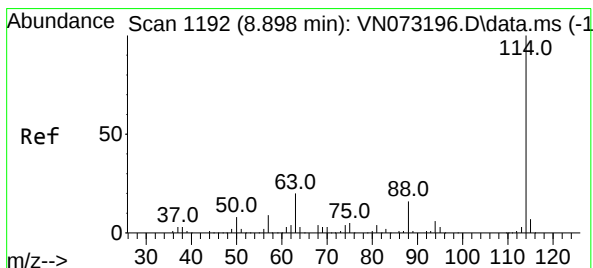
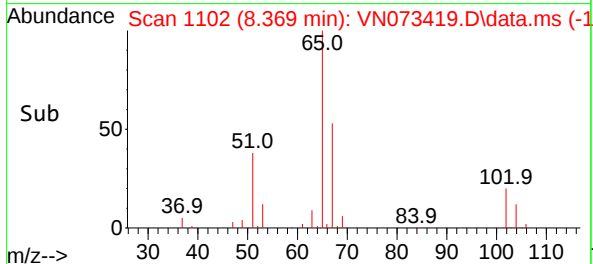
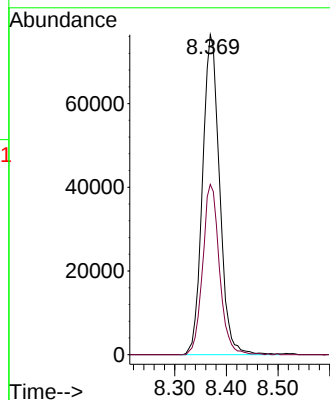
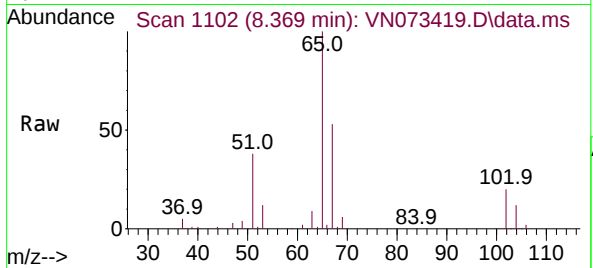




#33
1,2-Dichloroethane-d4
Concen: 46.585 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073419.D
Acq: 11 Jul 2022 15:06

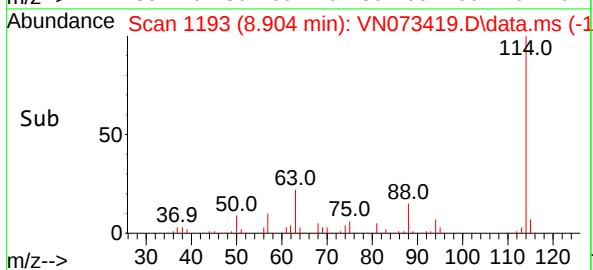
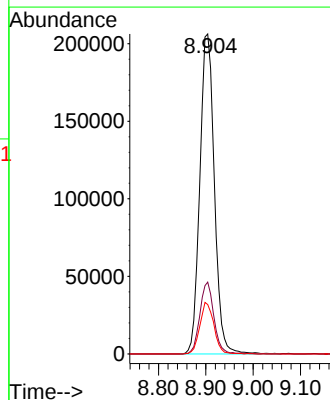
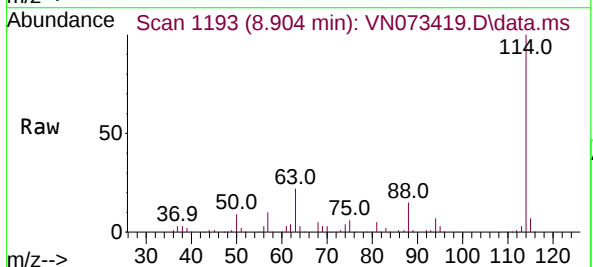
Instrument :
MSVOA_N
ClientSampleId :
SW-3

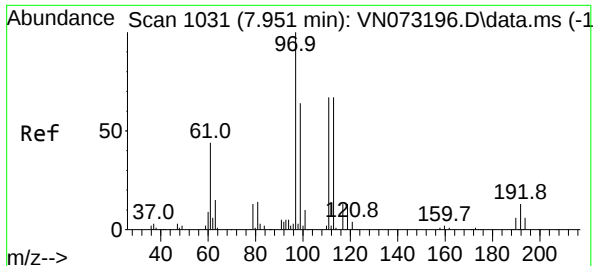
Tgt Ion: 65 Resp: 175581
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN073419.D
Acq: 11 Jul 2022 15:06

Tgt Ion: 114 Resp: 441188
Ion Ratio Lower Upper
114 100
63 22.4 0.0 40.0
88 15.4 0.0 32.6

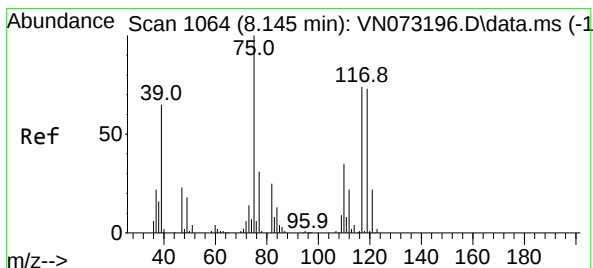
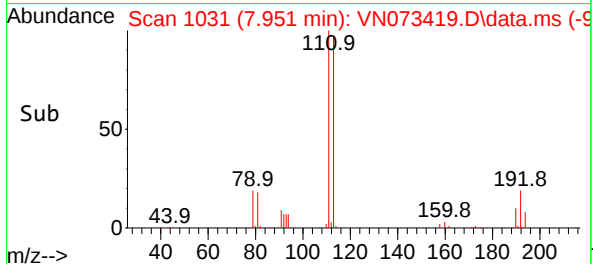
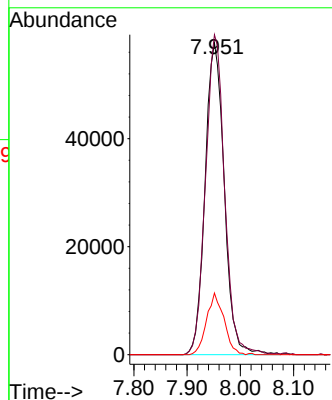
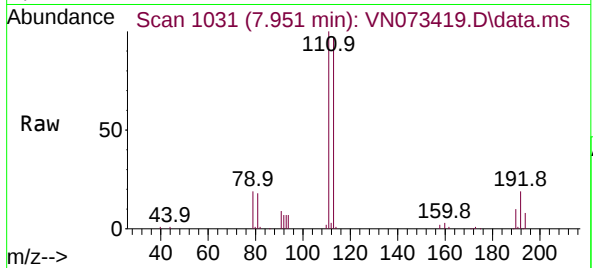




#35
Dibromofluoromethane
Concen: 49.320 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073419.D
Acq: 11 Jul 2022 15:06

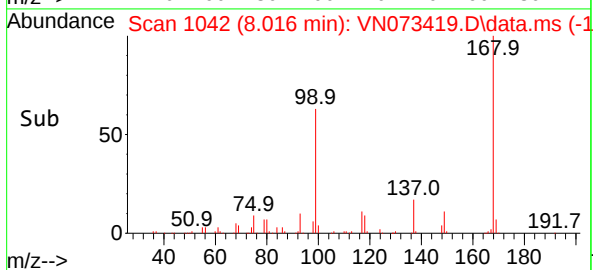
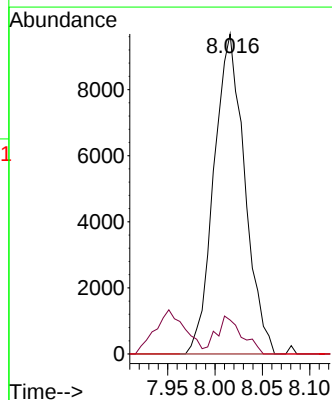
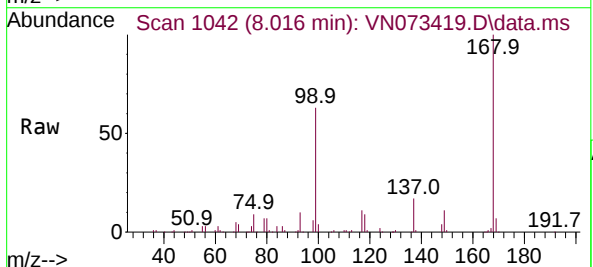
Instrument :
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ClientSampleId :
SW-3

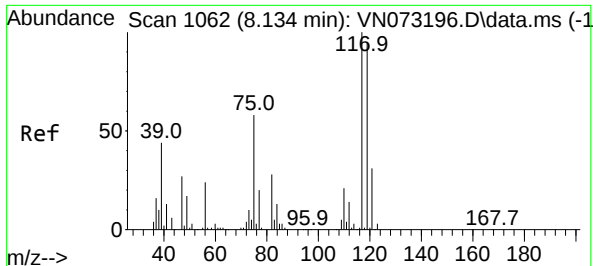
Tgt Ion:113 Resp: 144769
Ion Ratio Lower Upper
113 100
111 101.6 81.4 122.0
192 17.9 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.837 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.129 min
Lab File: VN073419.D
Acq: 11 Jul 2022 15:06

Tgt Ion: 75 Resp: 21845
Ion Ratio Lower Upper
75 100
110 9.8 18.3 54.8#
77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 5.907 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.118 min

Lab File: VN073419.D

Acq: 11 Jul 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

SW-3

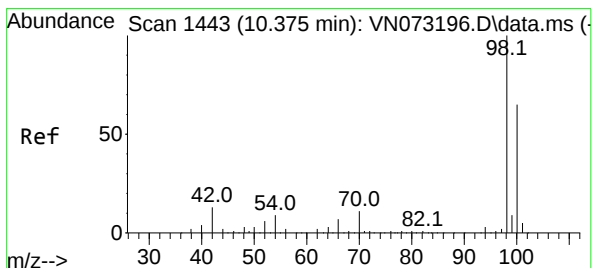
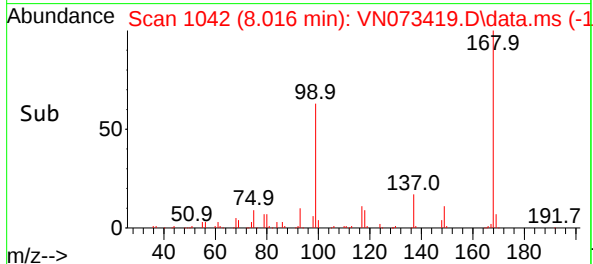
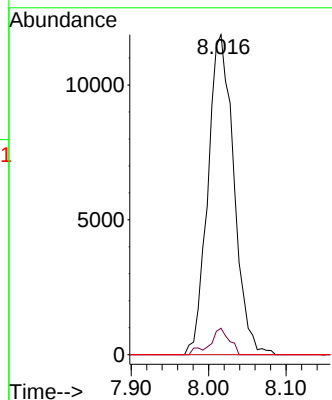
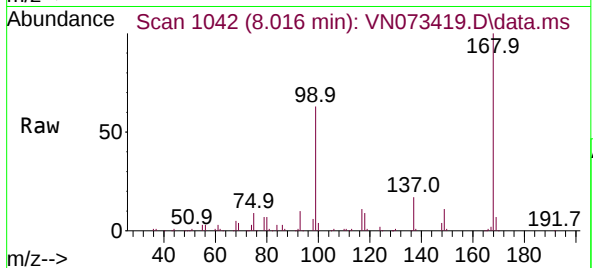
Tgt Ion:117 Resp: 27590

Ion Ratio Lower Upper

117 100

119 8.2 75.8 113.8#

121 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 44.822 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.005 min

Lab File: VN073419.D

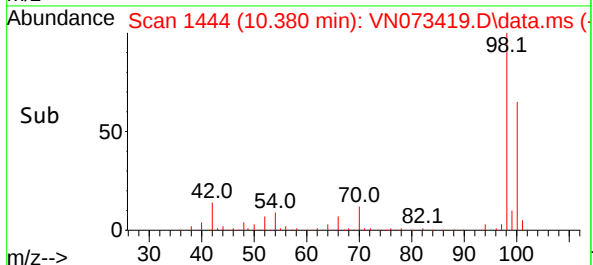
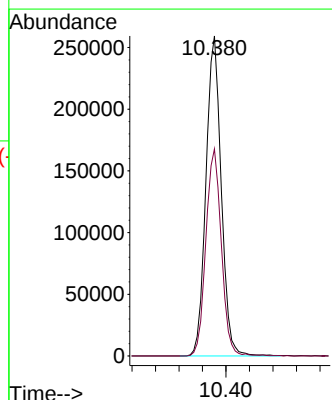
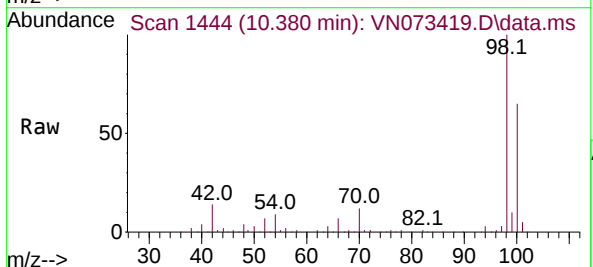
Acq: 11 Jul 2022 15:06

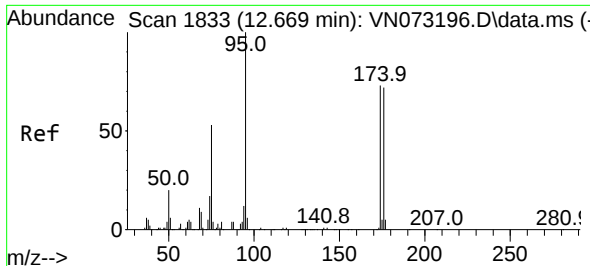
Tgt Ion: 98 Resp: 467272

Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8

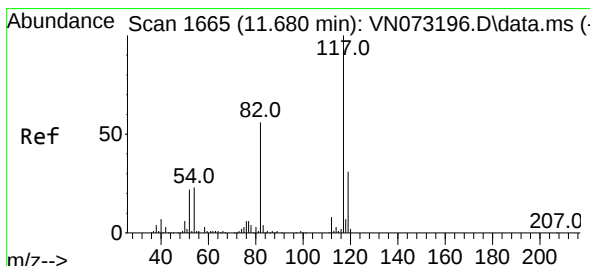
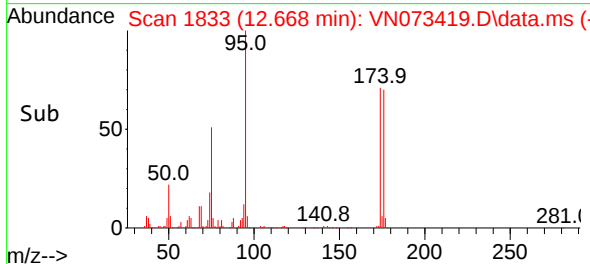
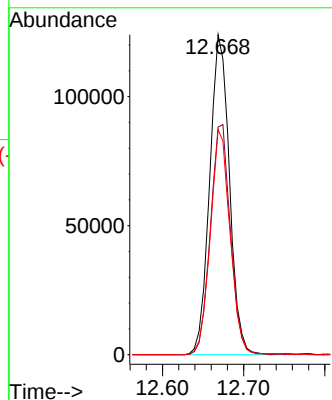
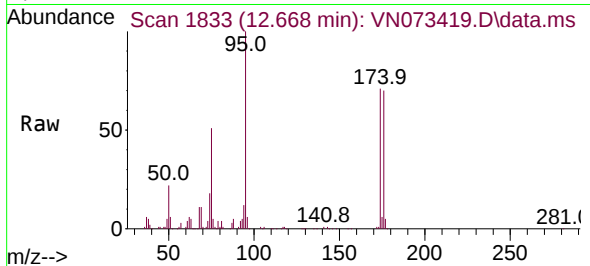




#62
4-Bromofluorobenzene
Concen: 52.251 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073419.D
Acq: 11 Jul 2022 15:06

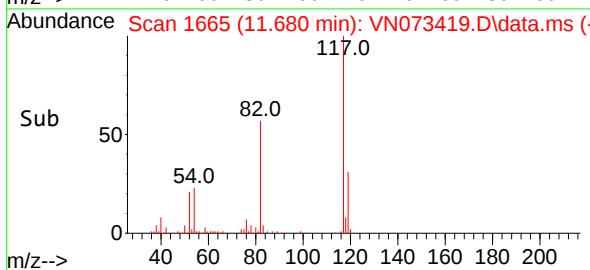
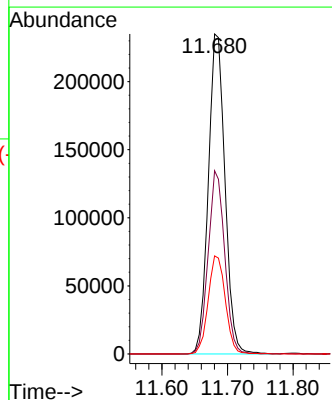
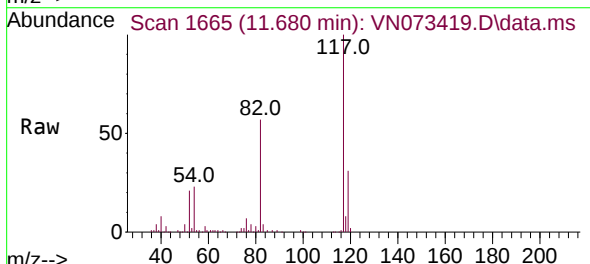
Instrument :
MSVOA_N
ClientSampleId :
SW-3

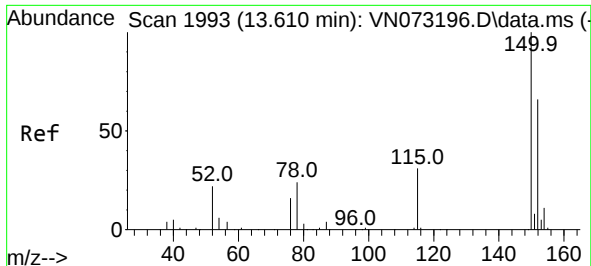
Tgt Ion: 95 Resp: 209337
Ion Ratio Lower Upper
95 100
174 73.0 0.0 167.6
176 70.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073419.D
Acq: 11 Jul 2022 15:06

Tgt Ion: 117 Resp: 415124
Ion Ratio Lower Upper
117 100
82 57.2 44.2 66.2
119 30.7 25.4 38.0

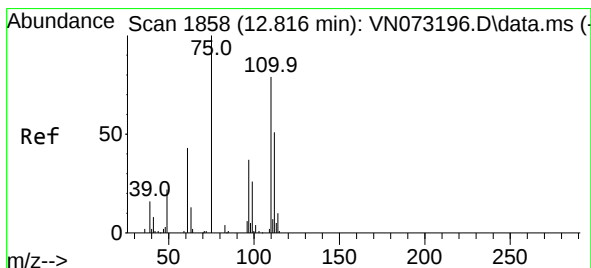
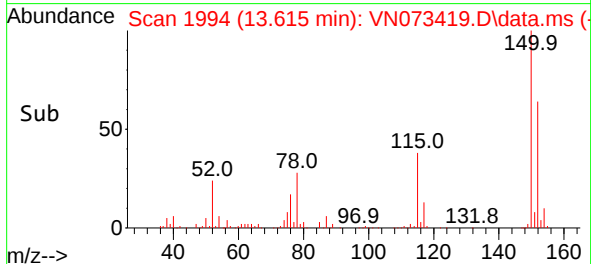
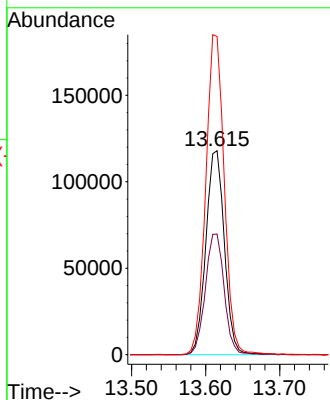
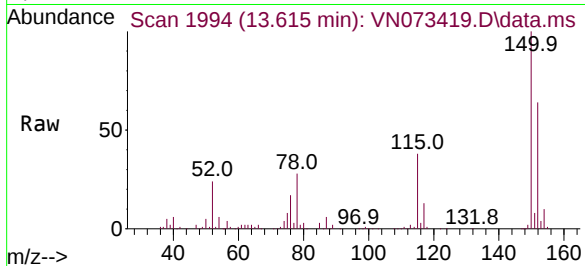




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1993
 Delta R.T. 0.005 min
 Lab File: VN073419.D
 Acq: 11 Jul 2022 15:06

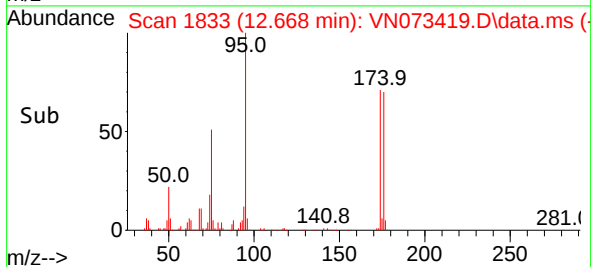
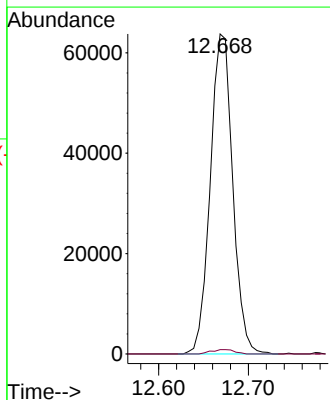
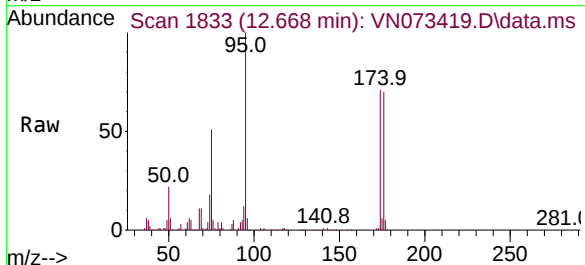
Instrument :
 MSVOA_N
 ClientSampleId :
 SW-3

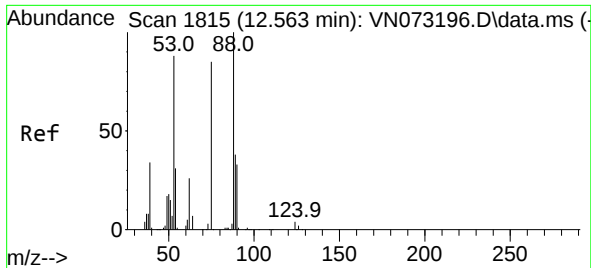
Tgt Ion:152 Resp: 205076
 Ion Ratio Lower Upper
 152 100
 115 60.1 28.9 86.7
 150 156.3 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 20.640 ug/l
 RT: 12.668 min Scan# 1833
 Delta R.T. -0.148 min
 Lab File: VN073419.D
 Acq: 11 Jul 2022 15:06

Tgt Ion: 75 Resp: 110676
 Ion Ratio Lower Upper
 75 100
 77 1.4 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.603 ug/l
 RT: 12.668 min Scan# 11
 Delta R.T. 0.105 min
 Lab File: VN073419.D
 Acq: 11 Jul 2022 15:06

Instrument :
 MSVOA_N
 ClientSampleId :
 SW-3

Tgt Ion: 75 Resp: 110676
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#

