

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041922\
 Data File : VX028159.D
 Acq On : 19 Apr 2022 14:52
 Operator : JC/MD
 Sample : VX0419WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0419WBL01

Quant Time: Apr 19 16:36:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	312490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	581182	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	573277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	270666	50.000	ug/l	0.00

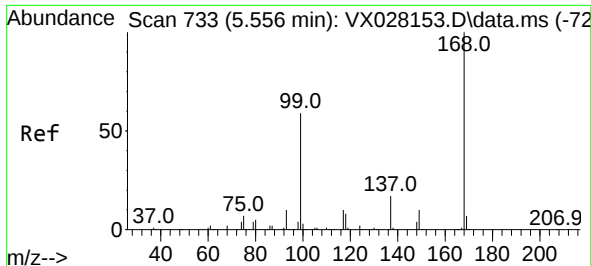
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	214356	52.609	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	105.220%
35) Dibromofluoromethane	5.391	113	184345	45.229	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	90.460%
50) Toluene-d8	8.653	98	727329	46.462	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.920%
62) 4-Bromofluorobenzene	11.079	95	267316	44.660	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.320%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.295	50	378	Below Cal		91
5) Bromomethane	1.612	94	1642	Below Cal		92
6) Chloroethane	1.673	64	145	Below Cal	#	43
8) Diethyl Ether	2.111	74	27	Below Cal	#	7
10) Methyl Iodide	2.453	142	690	5.413	ug/l #	90
11) Tert butyl alcohol	2.947	59	9138	1.850	ug/l #	75
13) Acrolein	2.203	56	134	0.268	ug/l #	68
16) Acetone	2.380	43	1375	Below Cal		97
17) Carbon Disulfide	2.508	76	1730	0.268	ug/l #	94
20) Methylene Chloride	2.788	84	2184	0.722	ug/l	89
25) 2-Butanone	4.568	43	658	0.273	ug/l #	44
31) Cyclohexane	5.544	56	6903	1.391	ug/l #	31
36) 1,1-Dichloropropene	5.550	75	24593	4.626	ug/l #	49
38) Carbon Tetrachloride	5.556	117	32525	5.419	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	138072	25.920	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	138072	77.027	ug/l #	15
90) Hexachloroethane	12.543	117	25	1.822	ug/l #	10

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

Quant Time: Apr 19 16:36:04 2022
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Quant Title : SW846 8260
QLast Update : Tue Apr 19 13:38:04 2022
Response via : Initial Calibration

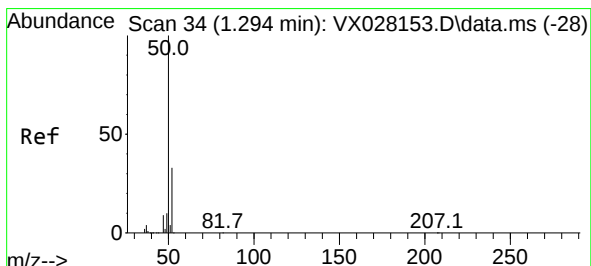
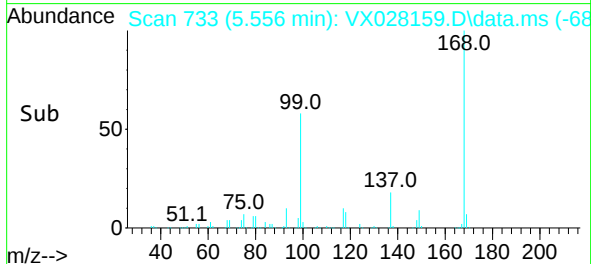
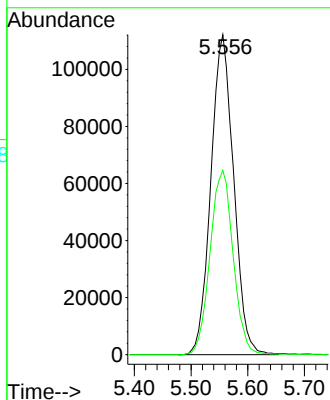
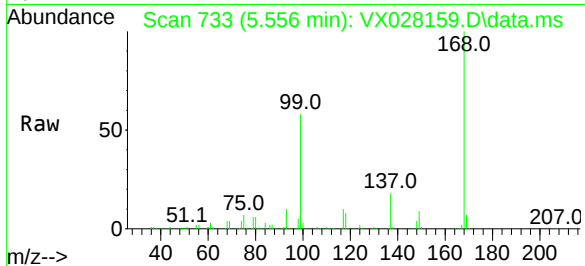




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX028159.D
Acq: 19 Apr 2022 14:52

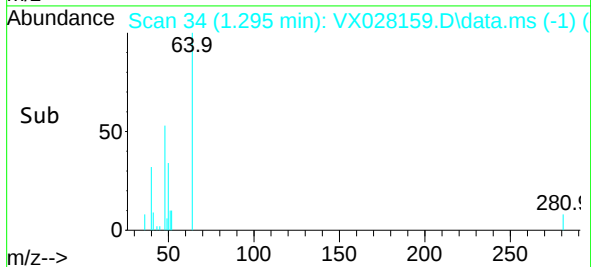
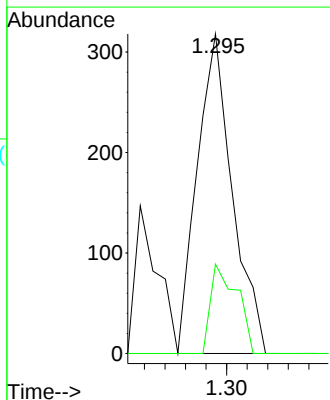
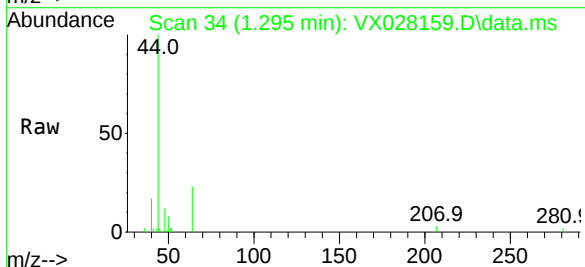
Instrument :
MSVOA_X
ClientSampleId :
VX0419WBL01

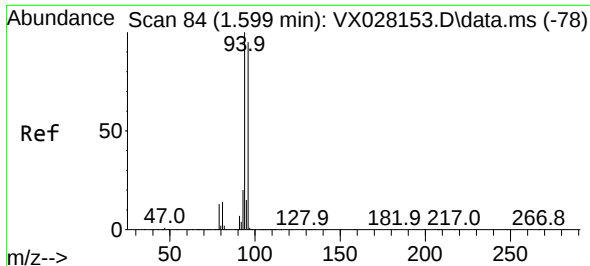
Tgt Ion:168 Resp: 312490
Ion Ratio Lower Upper
168 100
99 57.6 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX028159.D
Acq: 19 Apr 2022 14:52

Tgt Ion: 50 Resp: 378
Ion Ratio Lower Upper
50 100
52 28.0 26.4 39.6

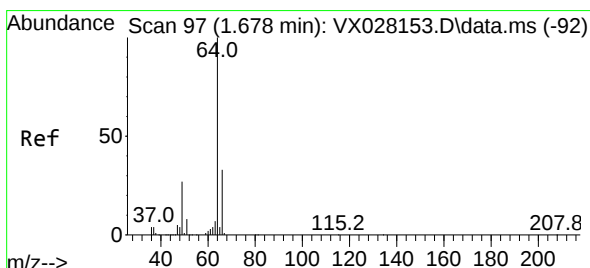
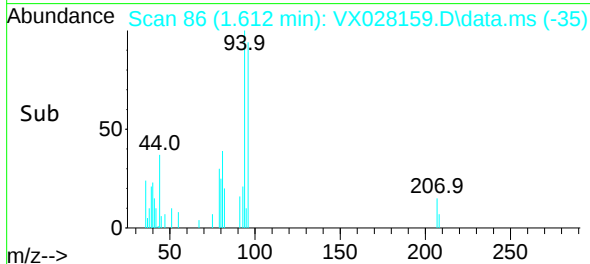
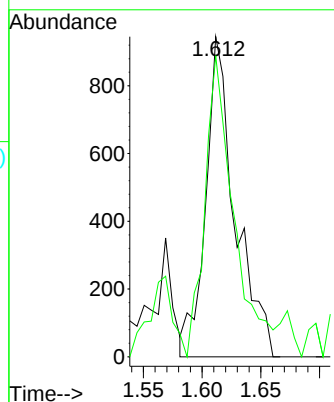
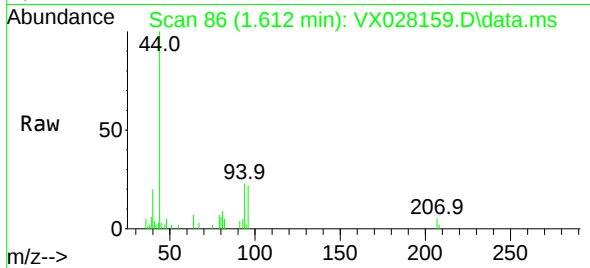




#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX028159.D
Acq: 19 Apr 2022 14:52

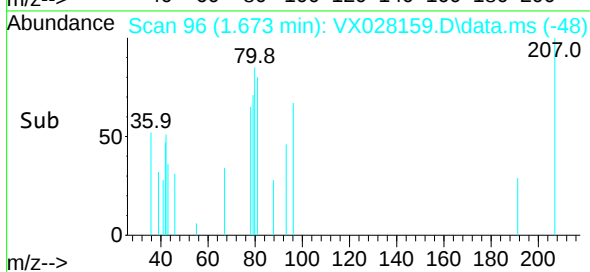
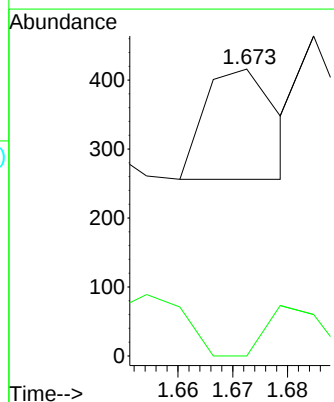
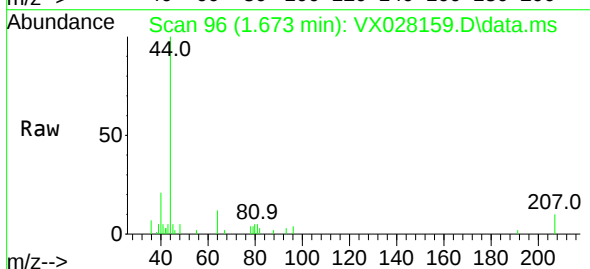
Instrument :
MSVOA_X
ClientSampleId :
VX0419WBL01

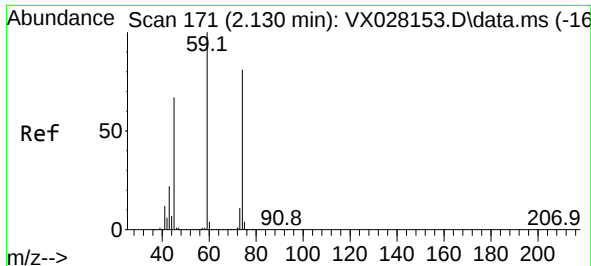
Tgt Ion: 94 Resp: 1642
Ion Ratio Lower Upper
94 100
96 86.8 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.673 min Scan# 96
Delta R.T. -0.005 min
Lab File: VX028159.D
Acq: 19 Apr 2022 14:52

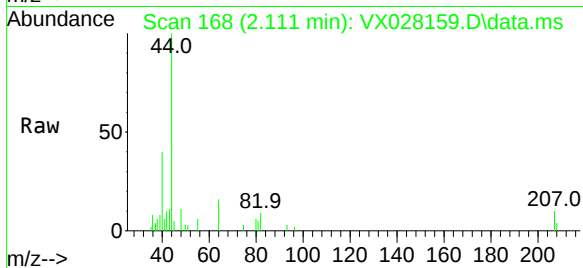
Tgt Ion: 64 Resp: 145
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9



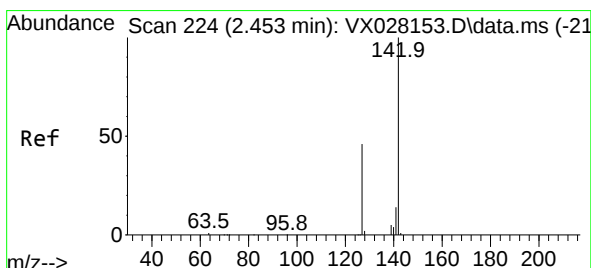
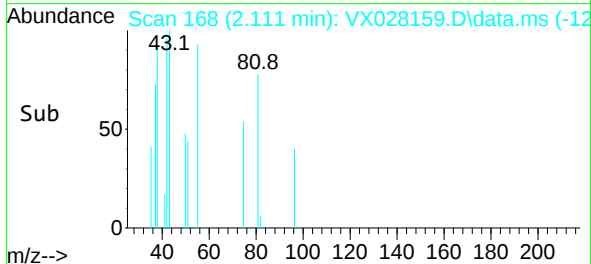
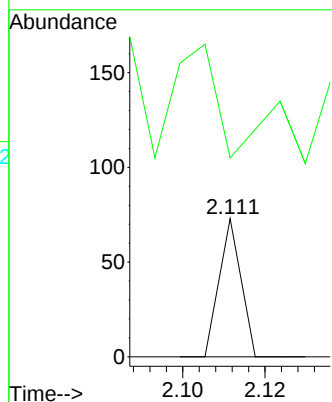


#8
Diethyl Ether
Concen: Below Cal
RT: 2.111 min Scan# 1
Delta R.T. -0.018 min
Lab File: VX028159.D
Acq: 19 Apr 2022 14:52

Instrument :
MSVOA_X
ClientSampleId :
VX0419WBL01

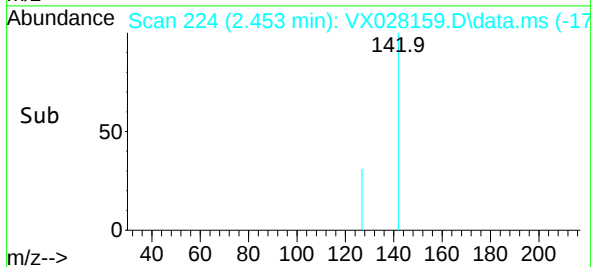
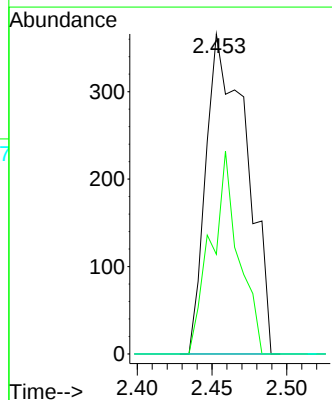
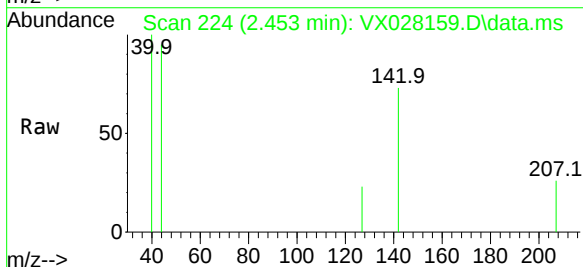


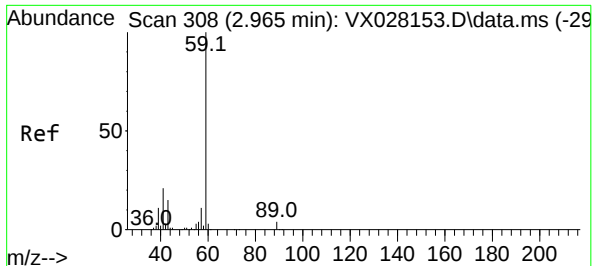
Tgt Ion: 74 Resp: 27
Ion Ratio Lower Upper
74 100
45 0.0 42.0 126.0#



#10
Methyl Iodide
Concen: 5.413 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX028159.D
Acq: 19 Apr 2022 14:52

Tgt Ion: 142 Resp: 690
Ion Ratio Lower Upper
142 100
127 43.3 33.9 50.9
141 0.0 11.4 17.2#

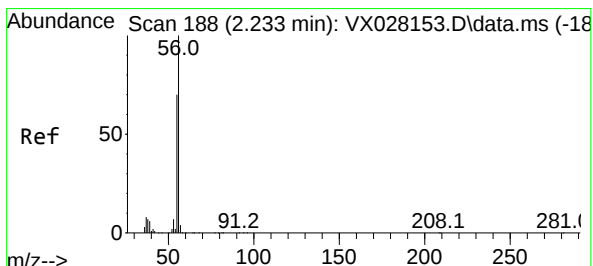
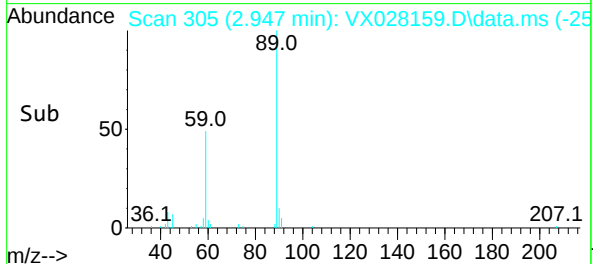
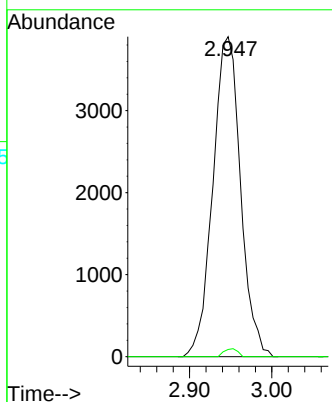
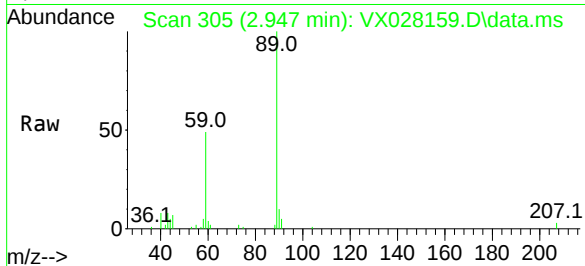




#11
Tert butyl alcohol
Concen: 1.850 ug/l
RT: 2.947 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX028159.D
Acq: 19 Apr 2022 14:52

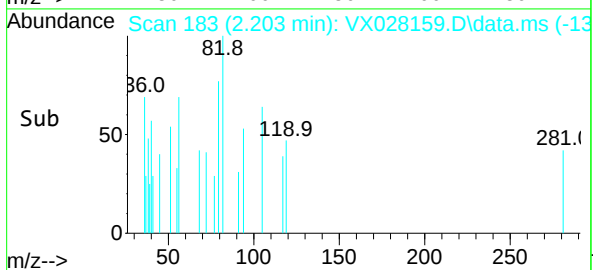
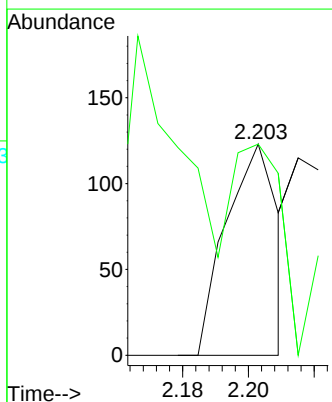
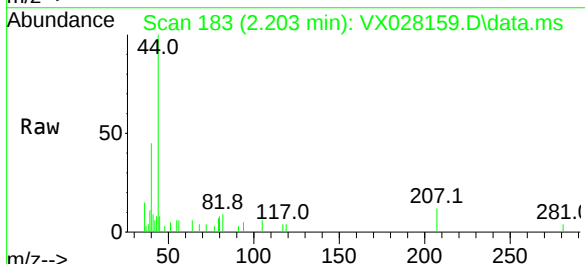
Instrument :
MSVOA_X
ClientSampleId :
VX0419WBL01

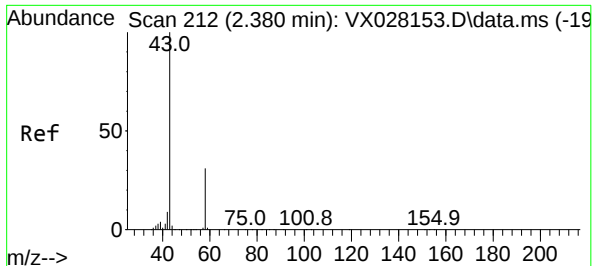
Tgt Ion: 59 Resp: 9138
Ion Ratio Lower Upper
59 100
57 1.2 8.3 12.5#



#13
Acrolein
Concen: 0.268 ug/l
RT: 2.203 min Scan# 183
Delta R.T. -0.030 min
Lab File: VX028159.D
Acq: 19 Apr 2022 14:52

Tgt Ion: 56 Resp: 134
Ion Ratio Lower Upper
56 100
55 94.8 55.0 82.6#

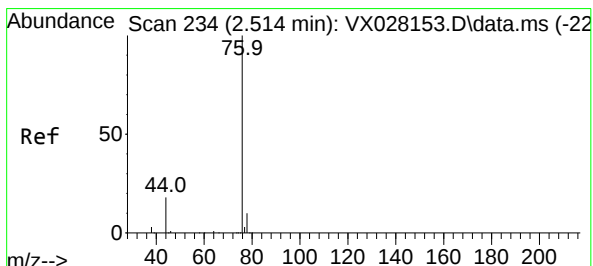
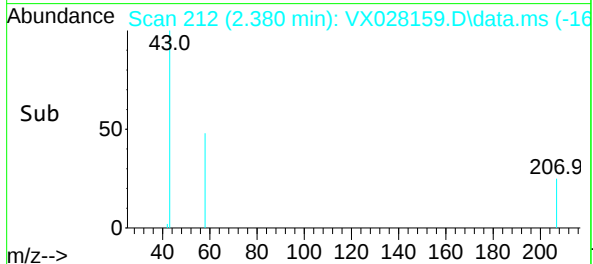
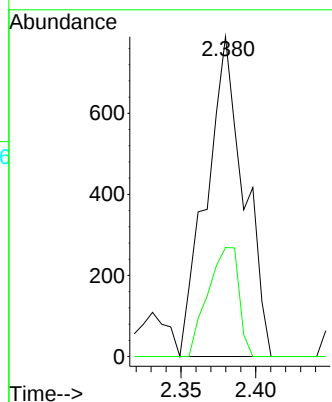
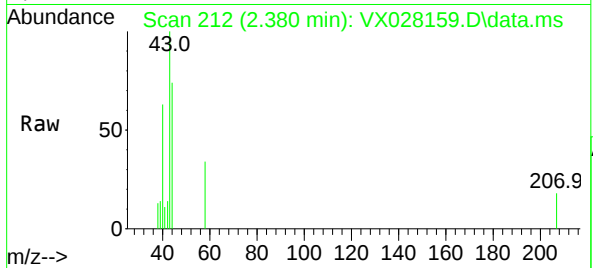




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028159.D
Acq: 19 Apr 2022 14:52

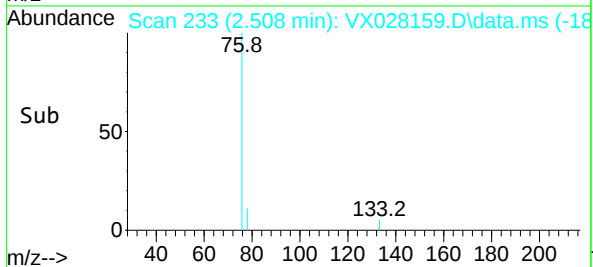
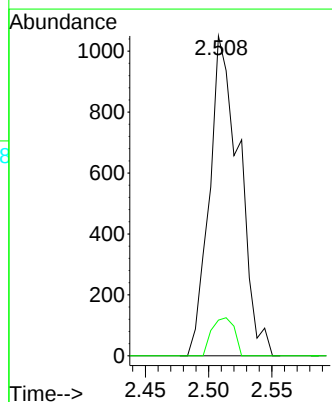
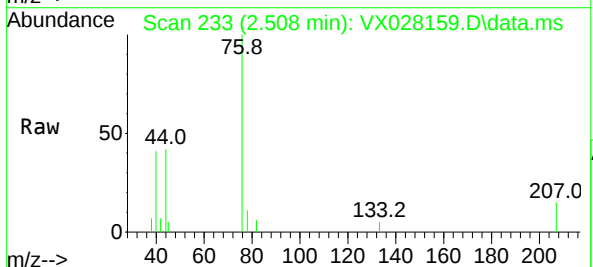
Instrument :
MSVOA_X
ClientSampleId :
VX0419WBL01

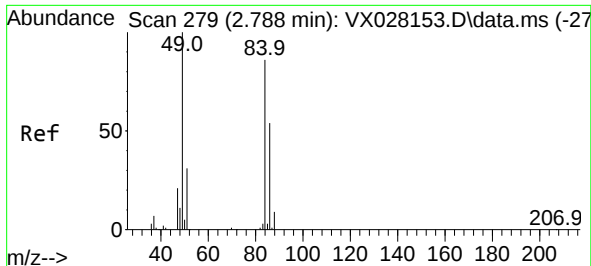
Tgt Ion: 43 Resp: 1375
Ion Ratio Lower Upper
43 100
58 34.1 28.8 43.2



#17
Carbon Disulfide
Concen: 0.268 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX028159.D
Acq: 19 Apr 2022 14:52

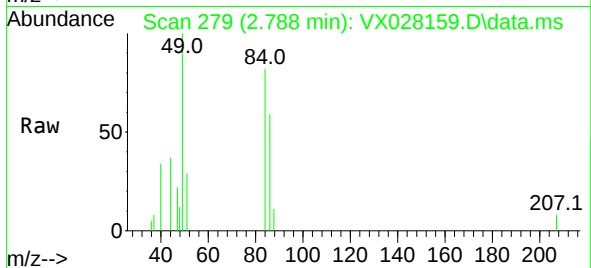
Tgt Ion: 76 Resp: 1730
Ion Ratio Lower Upper
76 100
78 11.1 7.2 10.8#



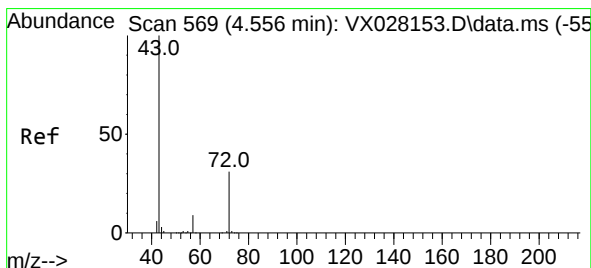
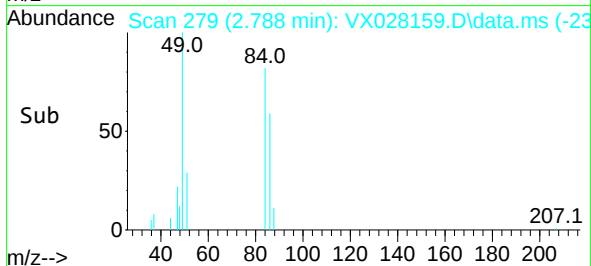
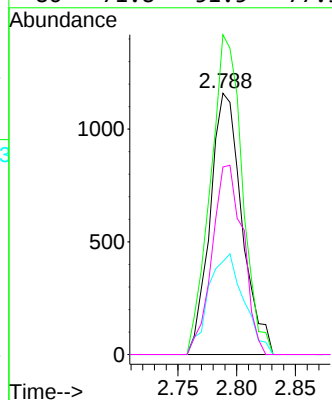


#20
Methylene Chloride
Concen: 0.722 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX028159.D
Acq: 19 Apr 2022 14:52

Instrument :
MSVOA_X
ClientSampleId :
VX0419WBL01

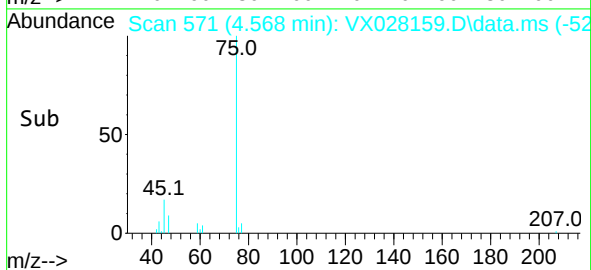
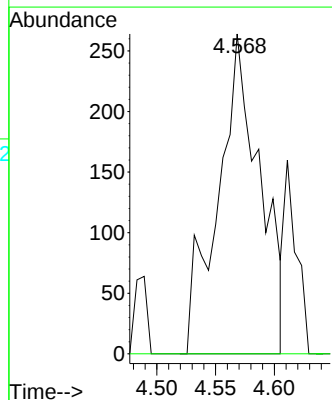
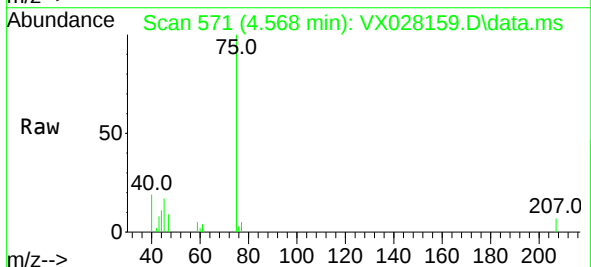


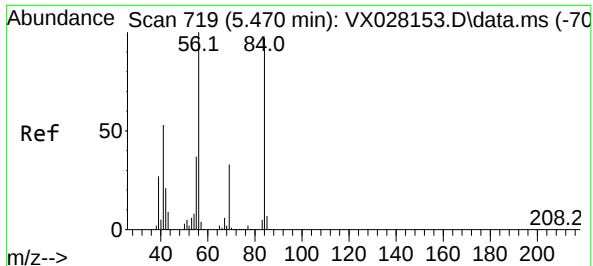
Tgt Ion:	84	Resp:	2184
Ion	Ratio	Lower	Upper
84	100		
49	122.4	85.5	128.3
51	35.6	26.6	39.8
86	71.8	51.5	77.3



#25
2-Butanone
Concen: 0.273 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX028159.D
Acq: 19 Apr 2022 14:52

Tgt Ion:	43	Resp:	658
Ion	Ratio	Lower	Upper
43	100		
72	0.0	24.4	36.6#

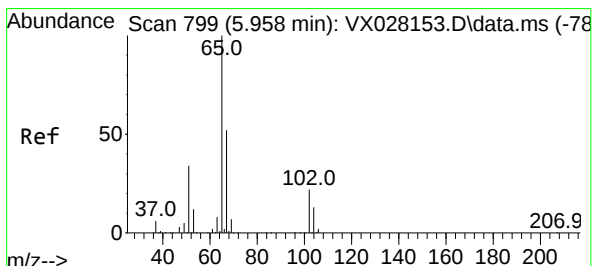
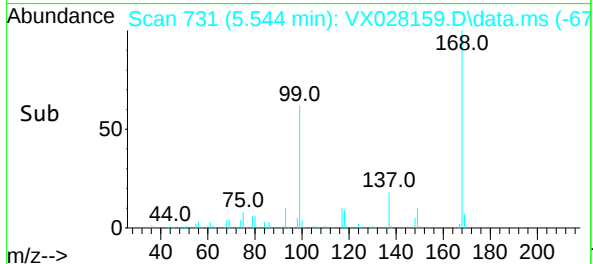
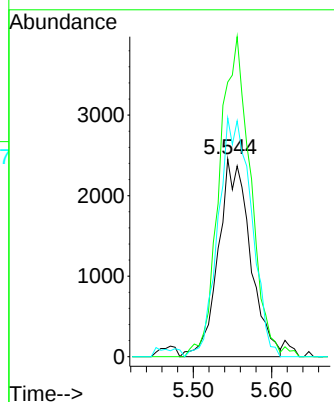
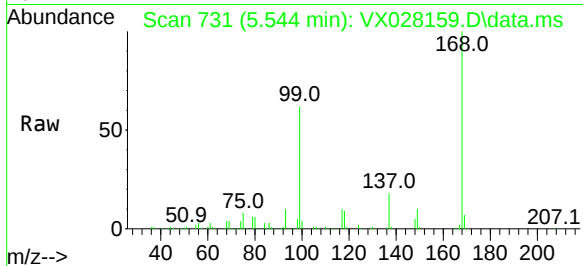




#31
Cyclohexane
Concen: 1.391 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX028159.D
Acq: 19 Apr 2022 14:52

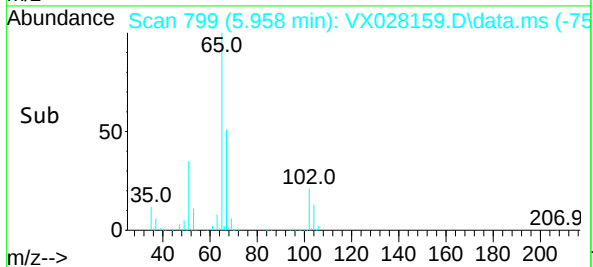
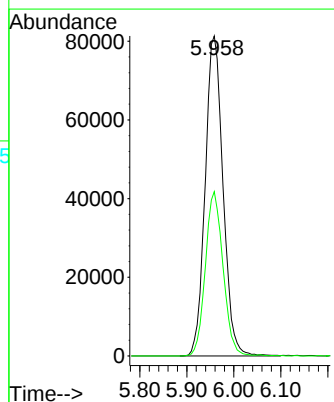
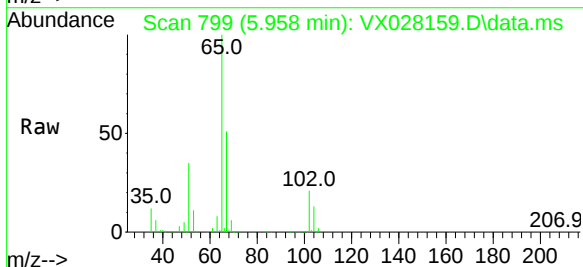
Instrument :
MSVOA_X
ClientSampleId :
VX0419WBL01

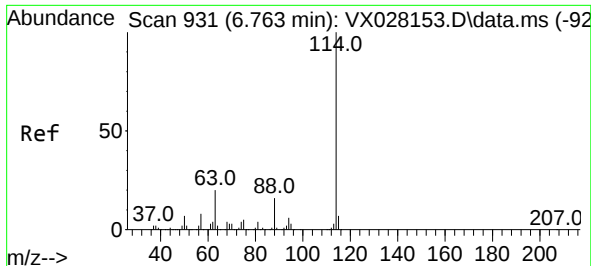
Tgt Ion: 56 Resp: 6903
Ion Ratio Lower Upper
56 100
69 138.8 26.7 40.1#
84 125.1 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 52.609 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028159.D
Acq: 19 Apr 2022 14:52

Tgt Ion: 65 Resp: 214356
Ion Ratio Lower Upper
65 100
67 50.8 0.0 107.4

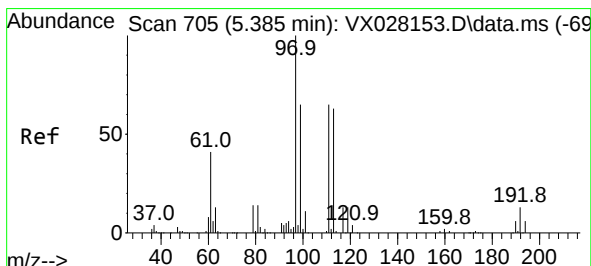
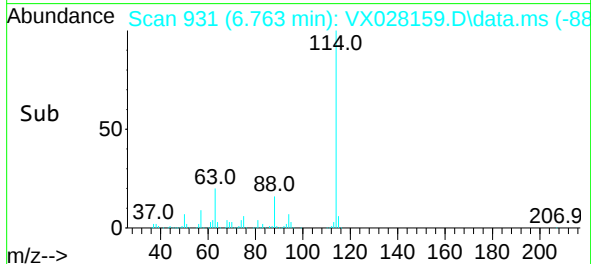
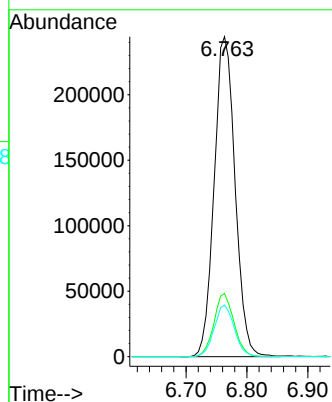
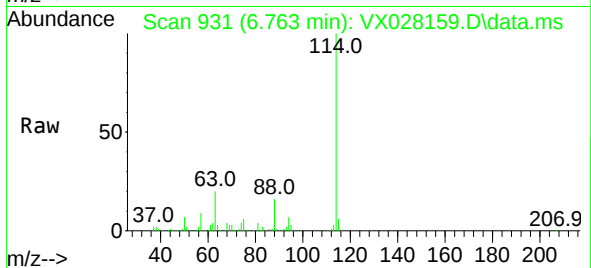




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028159.D
Acq: 19 Apr 2022 14:52

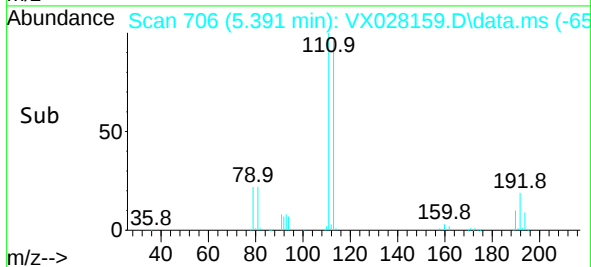
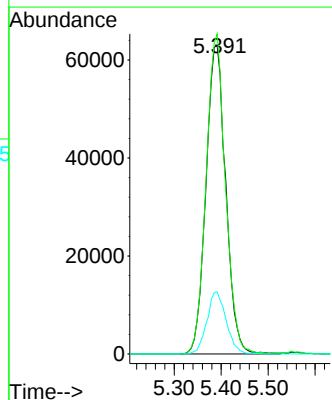
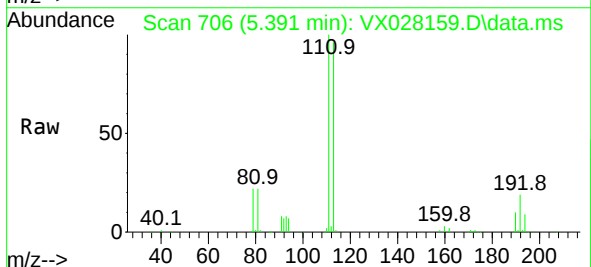
Instrument :
MSVOA_X
ClientSampleId :
VX0419WBL01

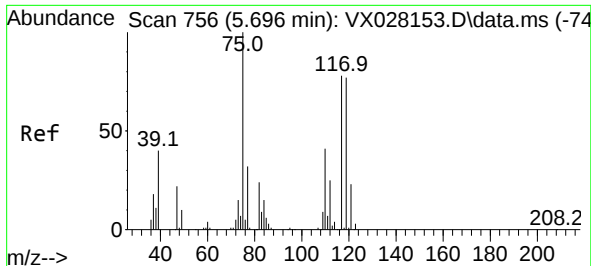
Tgt Ion:114 Resp: 581182
Ion Ratio Lower Upper
114 100
63 19.8 0.0 36.8
88 16.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.229 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028159.D
Acq: 19 Apr 2022 14:52

Tgt Ion:113 Resp: 184345
Ion Ratio Lower Upper
113 100
111 101.2 82.8 124.2
192 19.6 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.626 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX028159.D

Acq: 19 Apr 2022 14:52

Instrument :

MSVOA_X

ClientSampleId :

VX0419WBL01

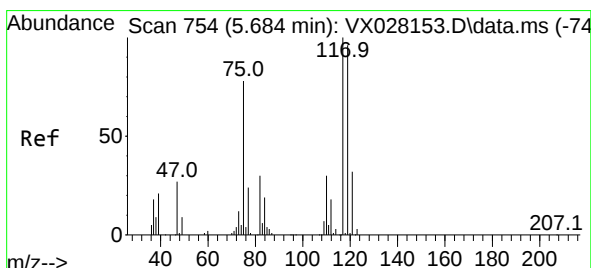
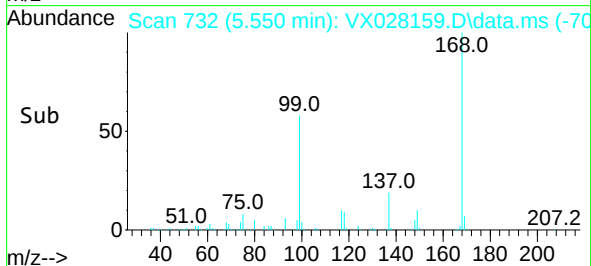
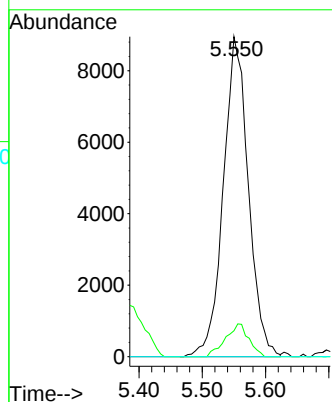
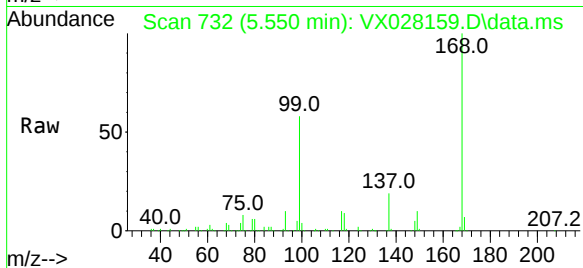
Tgt Ion: 75 Resp: 24593

Ion Ratio Lower Upper

75 100

110 9.5 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.419 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX028159.D

Acq: 19 Apr 2022 14:52

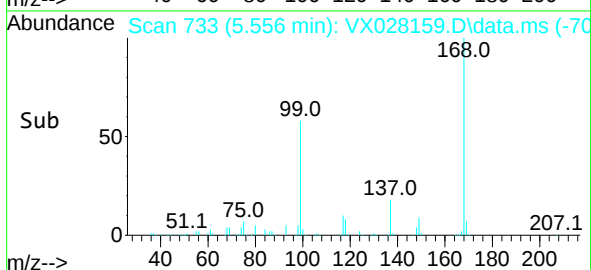
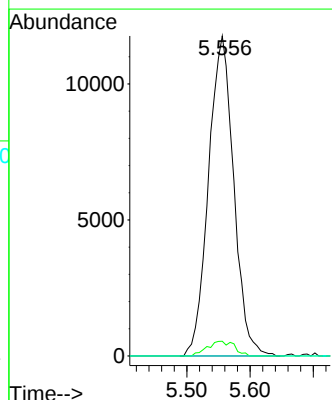
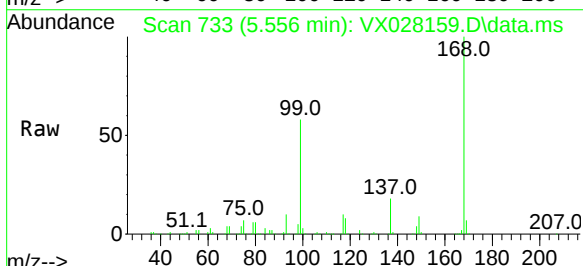
Tgt Ion: 117 Resp: 32525

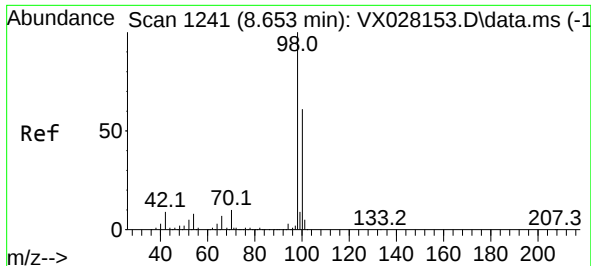
Ion Ratio Lower Upper

117 100

119 4.6 77.3 115.9#

121 0.0 24.2 36.2#

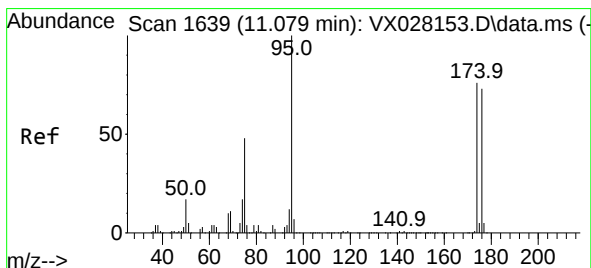
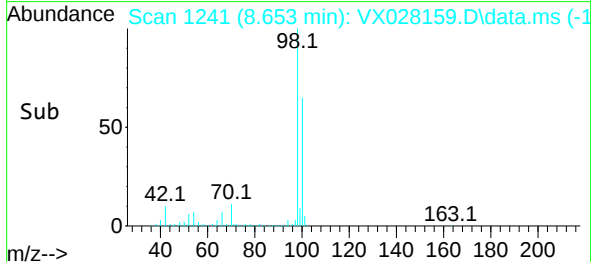
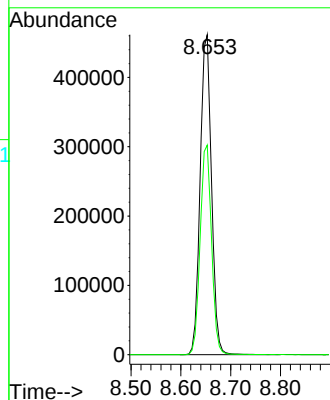
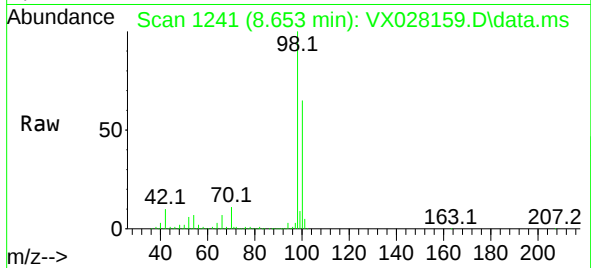




#50
Toluene-d8
Concen: 46.462 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028159.D
Acq: 19 Apr 2022 14:52

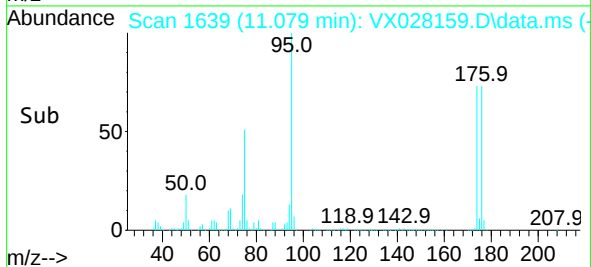
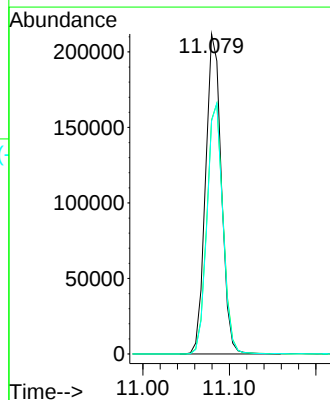
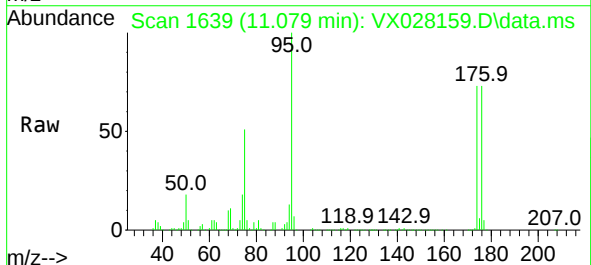
Instrument :
MSVOA_X
ClientSampleId :
VX0419WBL01

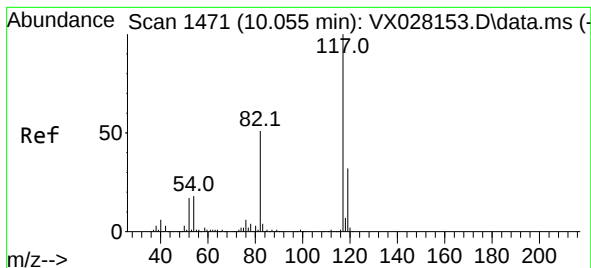
Tgt Ion: 98 Resp: 727329
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 44.660 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028159.D
Acq: 19 Apr 2022 14:52

Tgt Ion: 95 Resp: 267316
Ion Ratio Lower Upper
95 100
174 80.0 0.0 163.0
176 78.7 0.0 155.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX028159.D

Acq: 19 Apr 2022 14:52

Instrument :

MSVOA_X

ClientSampleId :

VX0419WBL01

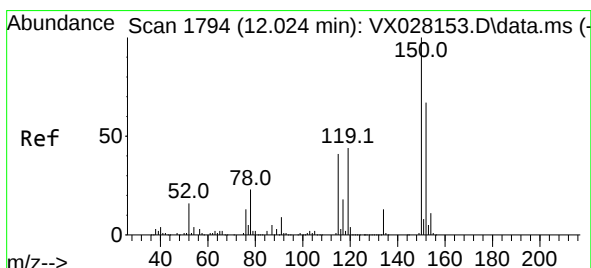
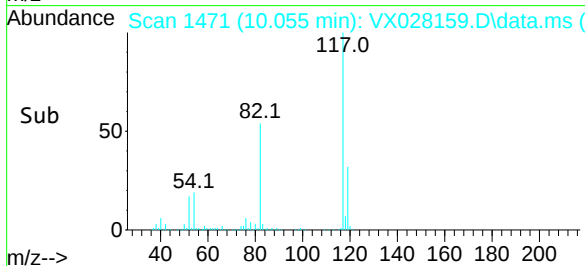
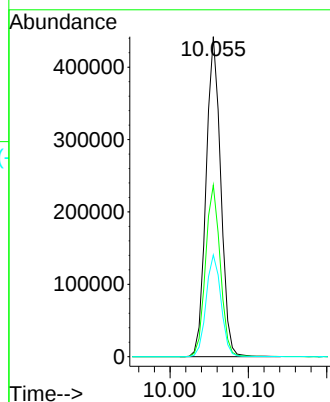
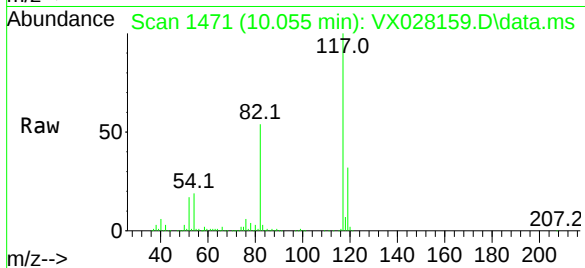
Tgt Ion:117 Resp: 573277

Ion Ratio Lower Upper

117 100

82 53.6 41.8 62.8

119 31.8 24.8 37.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX028159.D

Acq: 19 Apr 2022 14:52

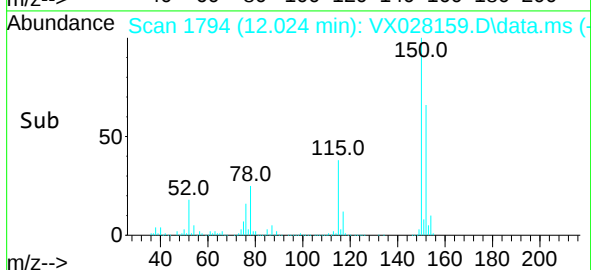
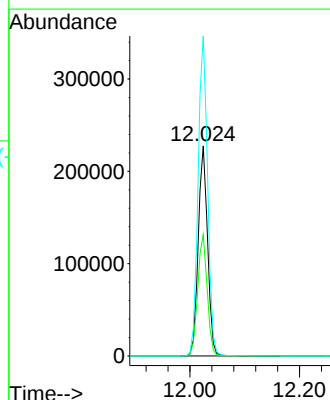
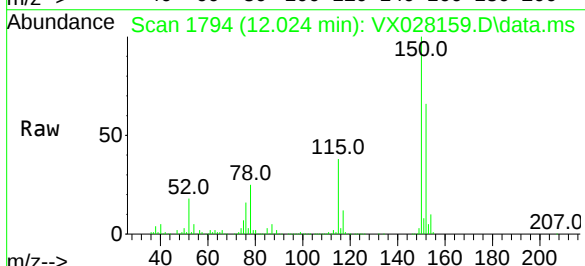
Tgt Ion:152 Resp: 270666

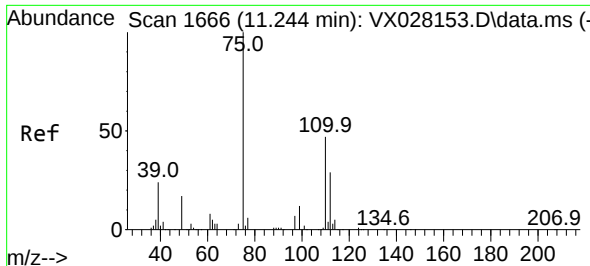
Ion Ratio Lower Upper

152 100

115 58.9 37.5 112.7

150 155.1 0.0 338.2

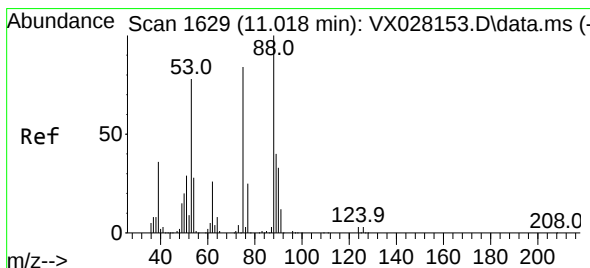
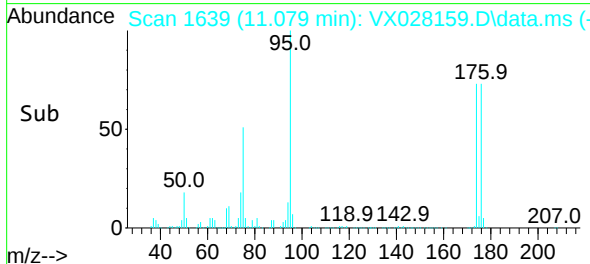
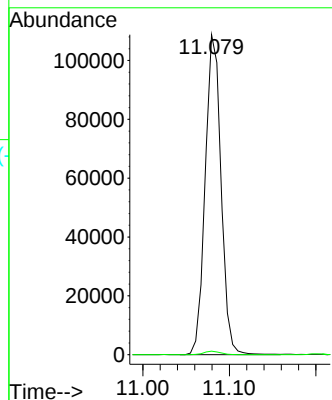
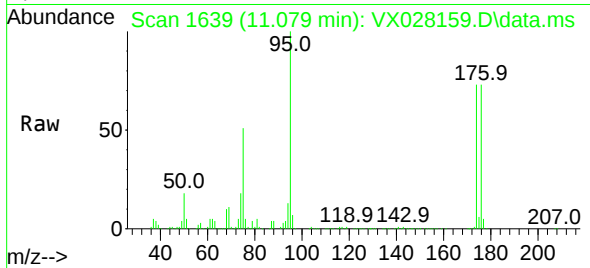




#76
1,2,3-Trichloropropane
Concen: 25.920 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028159.D
Acq: 19 Apr 2022 14:52

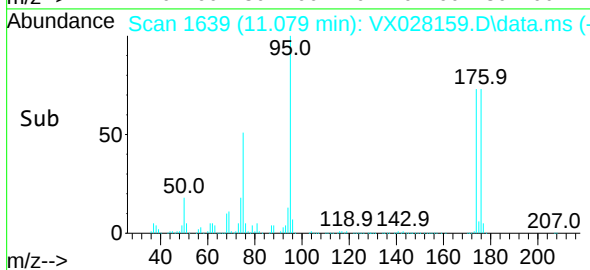
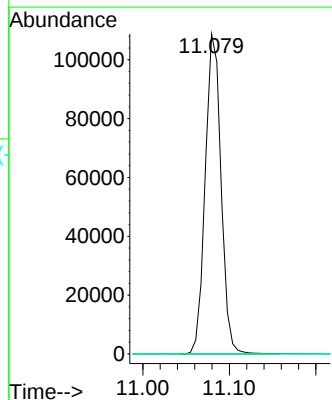
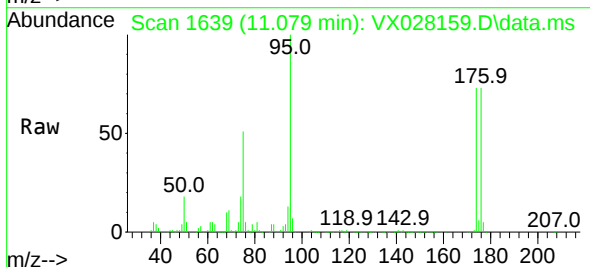
Instrument :
MSVOA_X
ClientSampleId :
VX0419WBL01

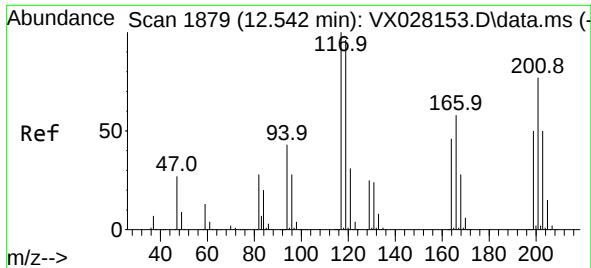
Tgt Ion: 75 Resp: 138072
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.027 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028159.D
Acq: 19 Apr 2022 14:52

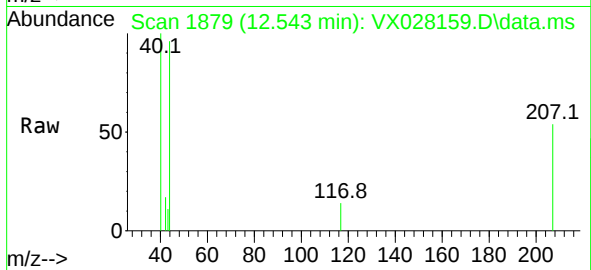
Tgt Ion: 75 Resp: 138072
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#90
Hexachloroethane
Concen: 1.822 ug/l
RT: 12.543 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028159.D
Acq: 19 Apr 2022 14:52

Instrument :
MSVOA_X
ClientSampleId :
VX0419WBL01



Tgt Ion:117 Resp: 25
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#

