

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042922\
 Data File : VX028442.D
 Acq On : 29 Apr 2022 23:11
 Operator : JC/MD
 Sample : VX0429WBL03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0429WBL03

Quant Time: Apr 30 09:20:01 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)

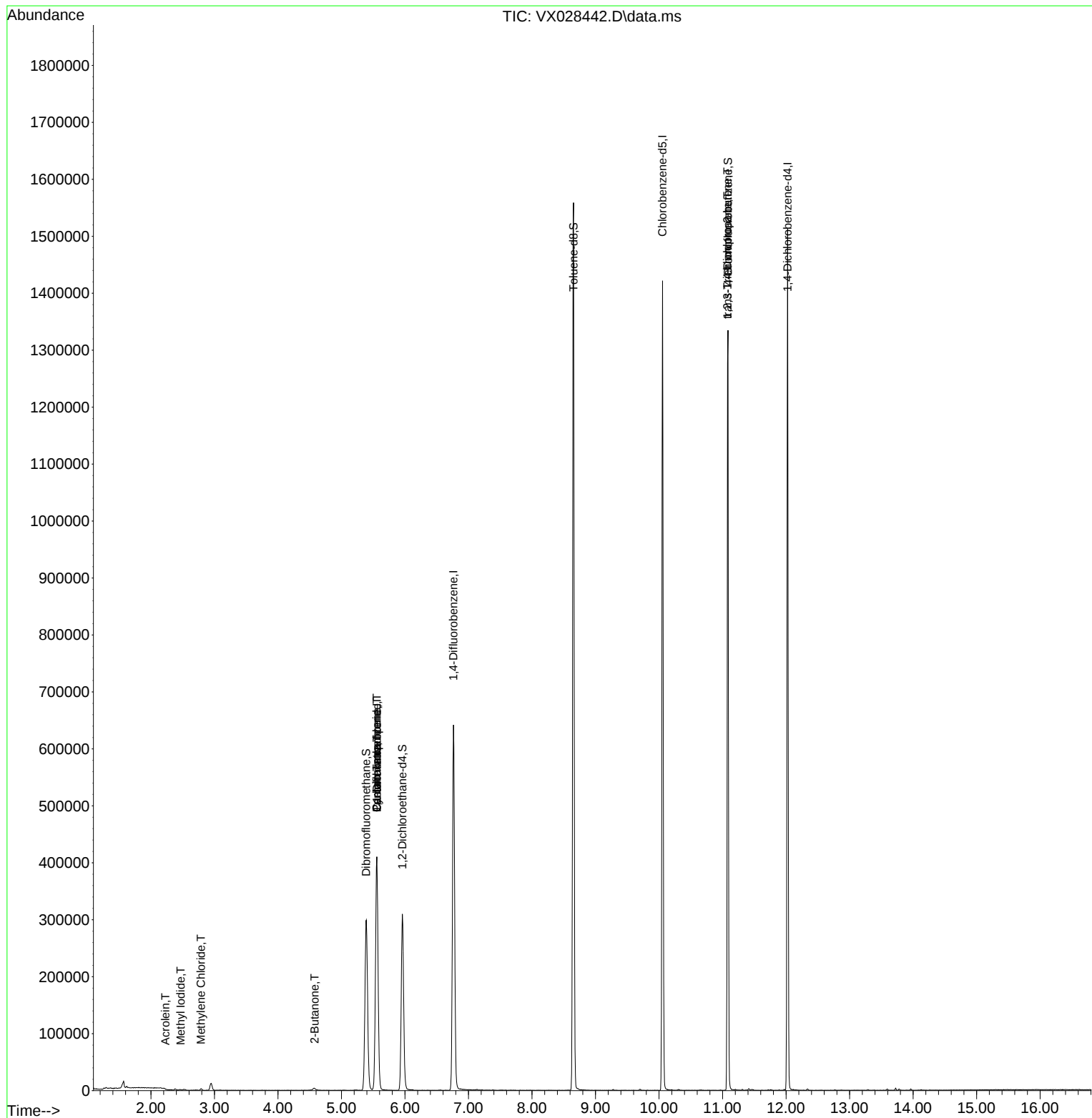
Internal Standards						
1) Pentafluorobenzene	5.556	168	392796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	677906	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	652276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	306290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	289931	56.609	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	113.220%
35) Dibromofluoromethane	5.385	113	259662	54.619	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	109.240%
50) Toluene-d8	8.653	98	964719	52.834	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.660%
62) 4-Bromofluorobenzene	11.085	95	346860	49.681	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.360%
Target Compounds						Qvalue
3) Chloromethane	1.288	50	465	Below Cal		92
5) Bromomethane	1.611	94	1306	Below Cal		97
6) Chloroethane	1.690	64	267	Below Cal	#	43
10) Methyl Iodide	2.465	142	1230	5.488 ug/l	#	91
11) Tert butyl alcohol	2.940	59	7231	Below Cal	#	74
13) Acrolein	2.227	56	264	0.421 ug/l	#	39
16) Acetone	2.379	43	2140	Below Cal	#	85
20) Methylene Chloride	2.788	84	1150	0.303 ug/l	#	83
25) 2-Butanone	4.574	43	799	0.263 ug/l	#	44
31) Cyclohexane	5.556	56	7762	1.244 ug/l	#	21
36) 1,1-Dichloropropene	5.556	75	29520	4.760 ug/l	#	50
38) Carbon Tetrachloride	5.556	117	39239	5.605 ug/l	#	15
76) 1,2,3-Trichloropropane	11.079	75	174131	28.887 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.079	75	174131	85.845 ug/l	#	15

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

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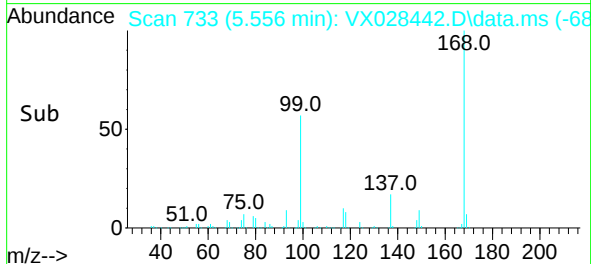
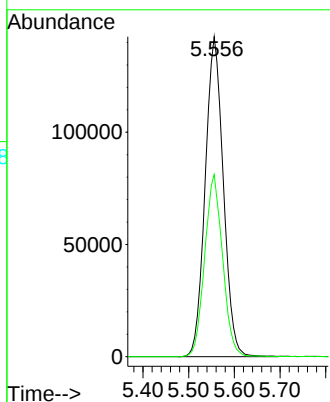
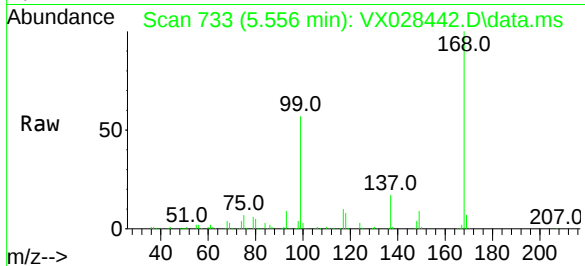




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028442.D
Acq: 29 Apr 2022 23:11

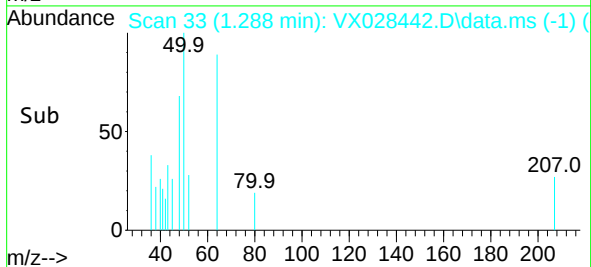
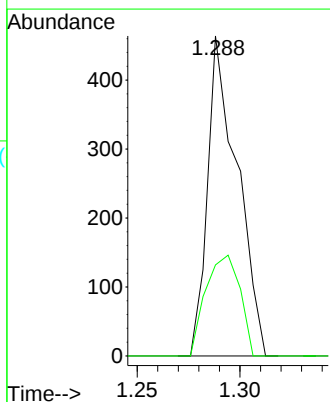
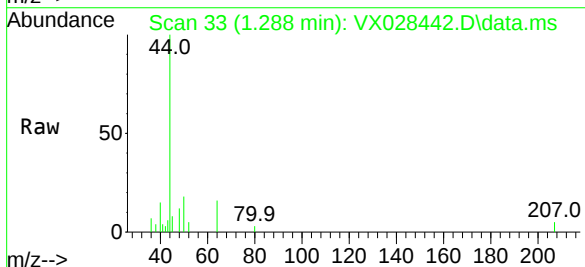
Instrument :
MSVOA_X
ClientSampleId :
VX0429WBL03

Tgt Ion:168 Resp: 392796
Ion Ratio Lower Upper
168 100
99 56.9 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX028442.D
Acq: 29 Apr 2022 23:11

Tgt Ion: 50 Resp: 465
Ion Ratio Lower Upper
50 100
52 28.4 26.4 39.6

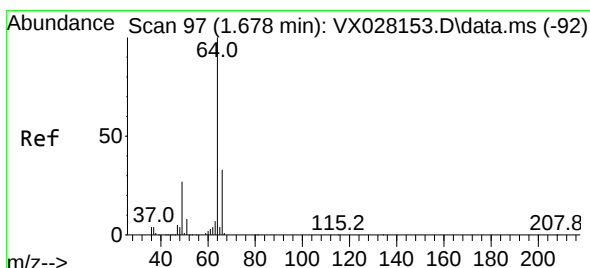
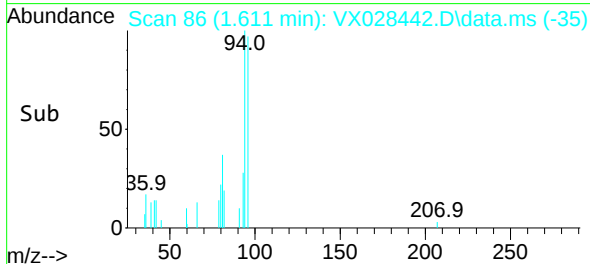
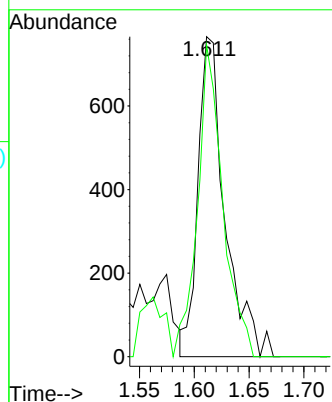
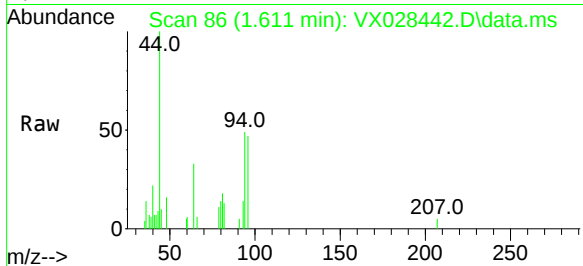




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX028442.D
Acq: 29 Apr 2022 23:11

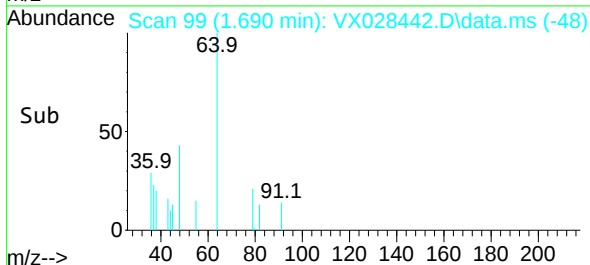
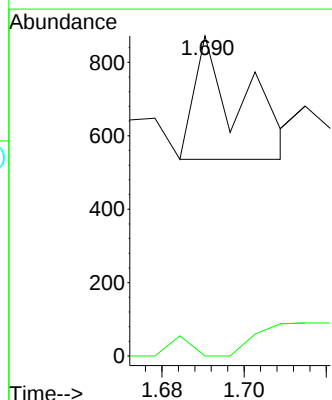
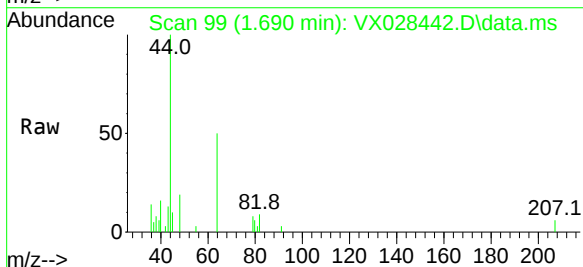
Instrument :
MSVOA_X
ClientSampleId :
VX0429WBL03

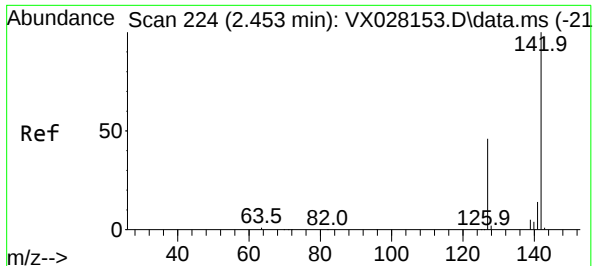
Tgt Ion: 94 Resp: 1306
Ion Ratio Lower Upper
94 100
96 97.4 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.690 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX028442.D
Acq: 29 Apr 2022 23:11

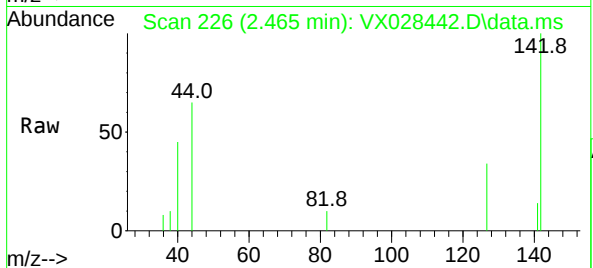
Tgt Ion: 64 Resp: 267
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



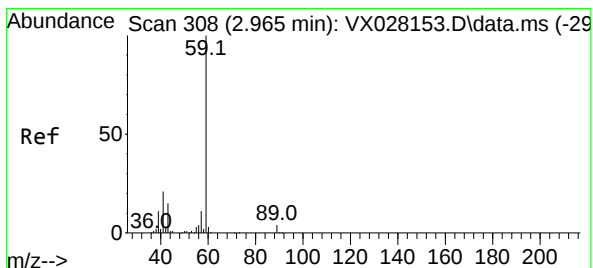
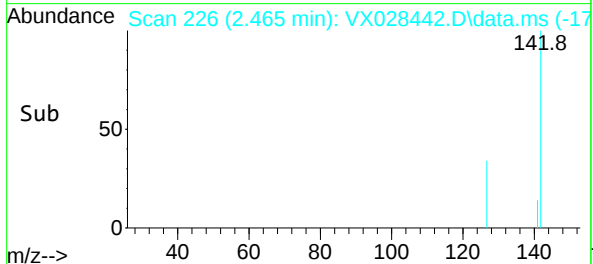
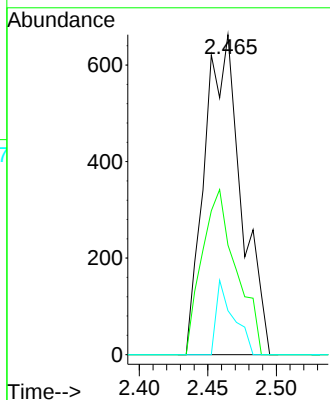


#10
Methyl Iodide
Concen: 5.488 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX028442.D
Acq: 29 Apr 2022 23:11

Instrument :
MSVOA_X
ClientSampleId :
VX0429WBL03

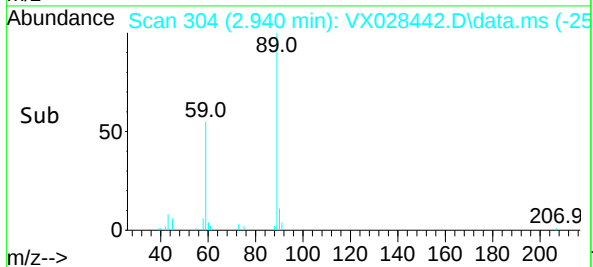
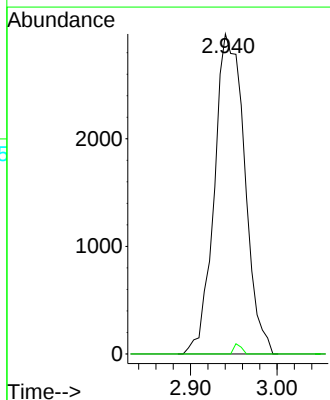
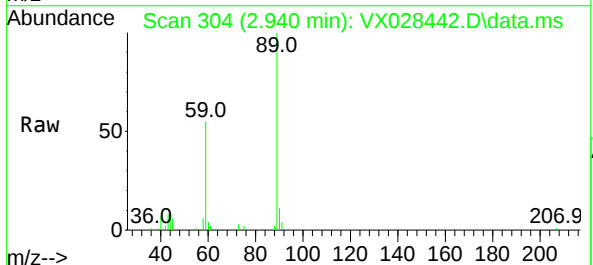


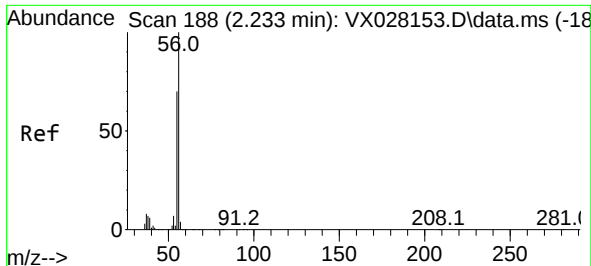
Tgt Ion:142 Resp: 1230
Ion Ratio Lower Upper
142 100
127 48.4 33.9 50.9
141 11.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.025 min
Lab File: VX028442.D
Acq: 29 Apr 2022 23:11

Tgt Ion: 59 Resp: 7231
Ion Ratio Lower Upper
59 100
57 0.8 8.3 12.5#

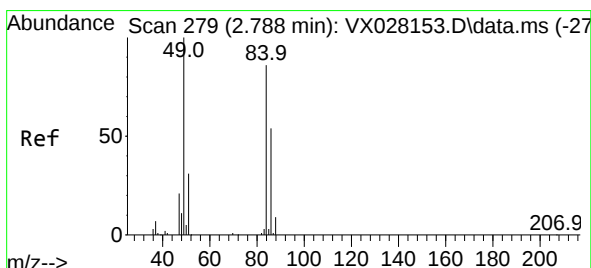
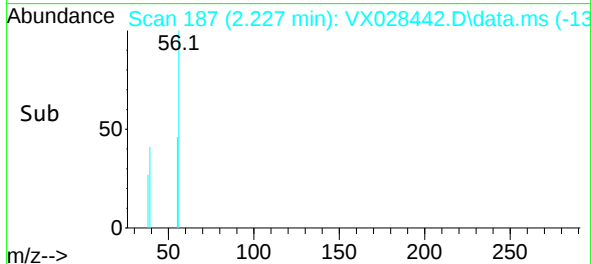
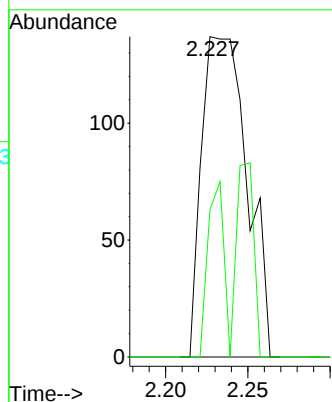
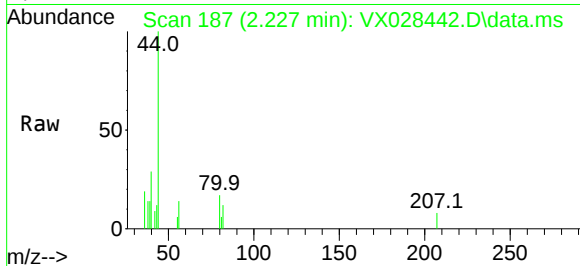




#13
Acrolein
Concen: 0.421 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.006 min
Lab File: VX028442.D
Acq: 29 Apr 2022 23:11

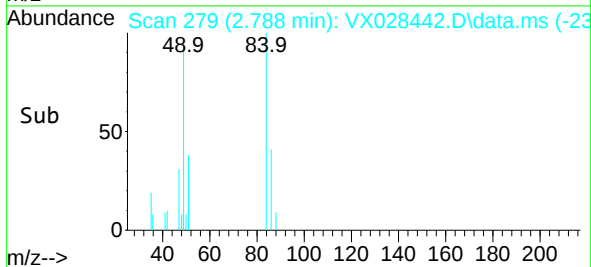
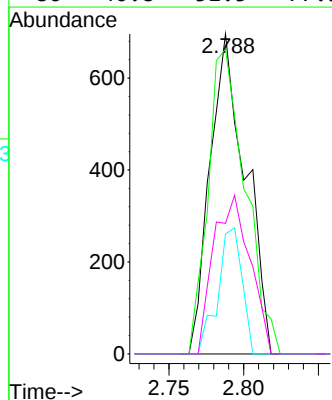
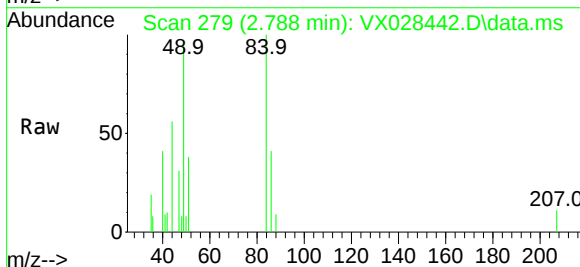
Instrument :
MSVOA_X
ClientSampleId :
VX0429WBL03

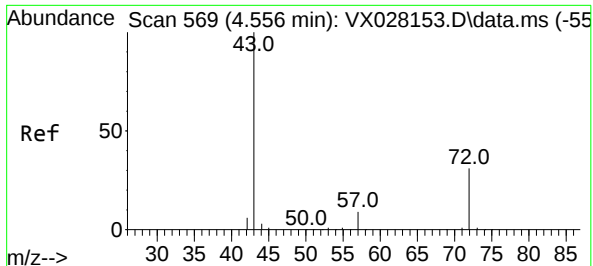
Tgt Ion: 56 Resp: 264
Ion Ratio Lower Upper
56 100
55 18.9 55.0 82.6#



#20
Methylene Chloride
Concen: 0.303 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX028442.D
Acq: 29 Apr 2022 23:11

Tgt Ion: 84 Resp: 1150
Ion Ratio Lower Upper
84 100
49 95.3 85.5 128.3
51 37.5 26.6 39.8
86 40.8 51.5 77.3#





#25

2-Butanone

Concen: 0.263 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX028442.D

Acq: 29 Apr 2022 23:11

Instrument :

MSVOA_X

ClientSampleId :

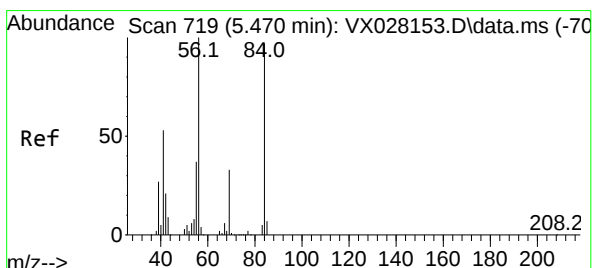
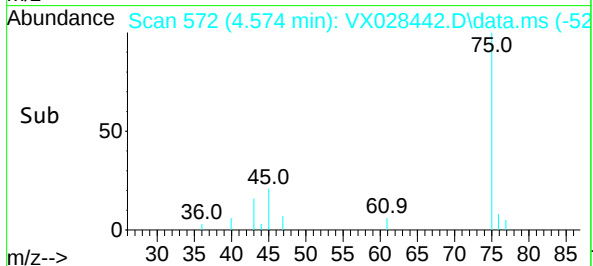
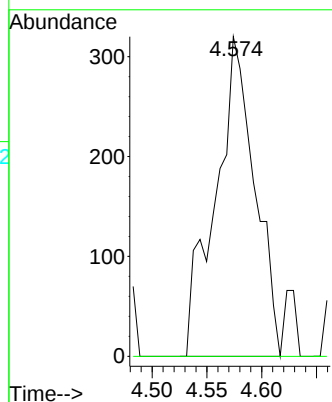
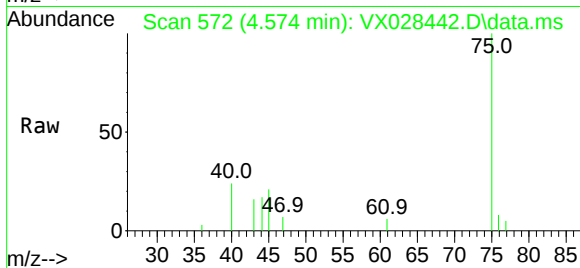
VX0429WBL03

Tgt Ion: 43 Resp: 799

Ion Ratio Lower Upper

43 100

72 0.0 24.4 36.6#



#31

Cyclohexane

Concen: 1.244 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX028442.D

Acq: 29 Apr 2022 23:11

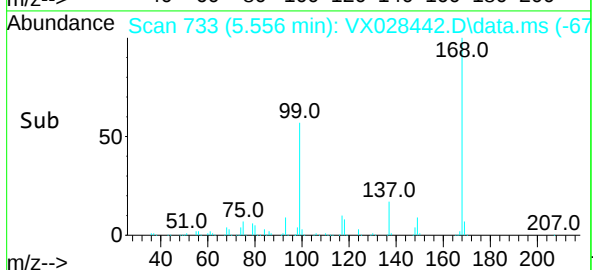
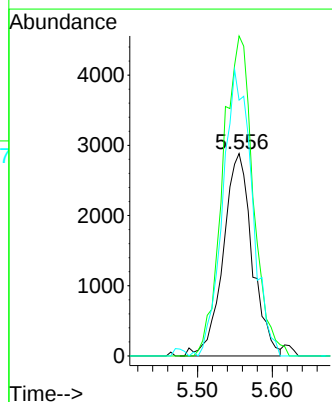
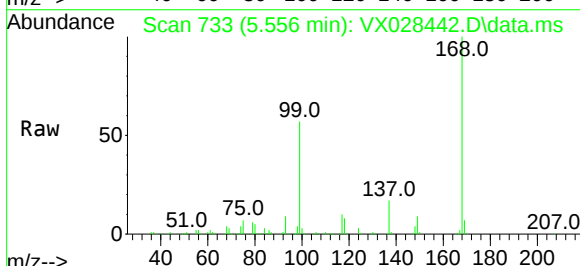
Tgt Ion: 56 Resp: 7762

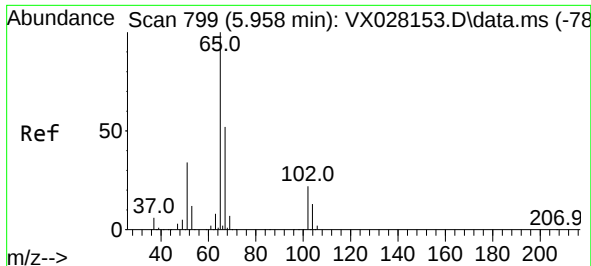
Ion Ratio Lower Upper

56 100

69 158.2 26.7 40.1#

84 126.5 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 56.609 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028442.D

Acq: 29 Apr 2022 23:11

Instrument :

MSVOA_X

ClientSampleId :

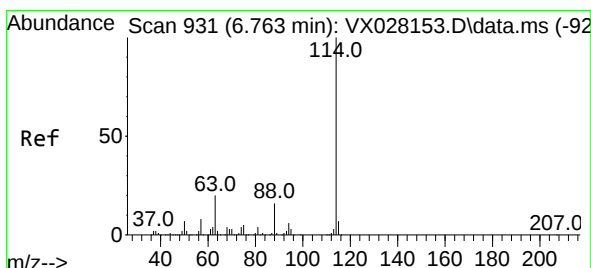
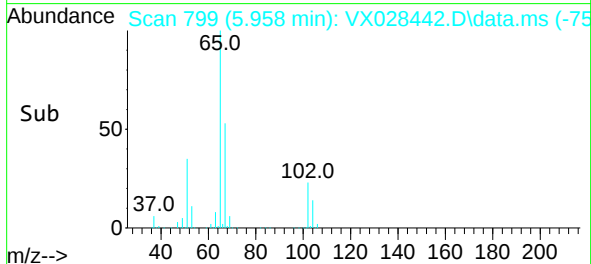
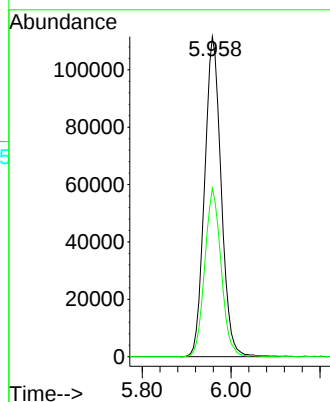
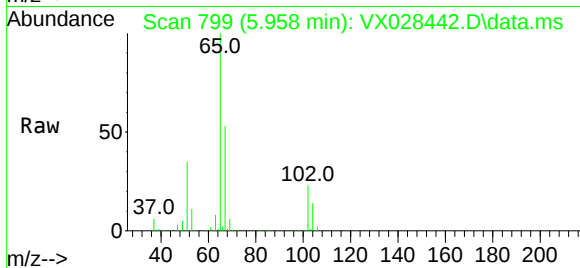
VX0429WBL03

Tgt Ion: 65 Resp: 289931

Ion Ratio Lower Upper

65 100

67 51.8 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028442.D

Acq: 29 Apr 2022 23:11

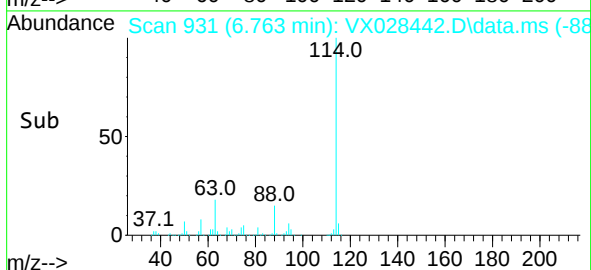
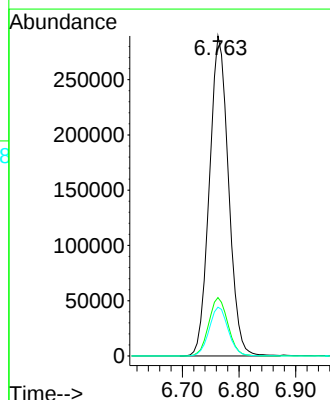
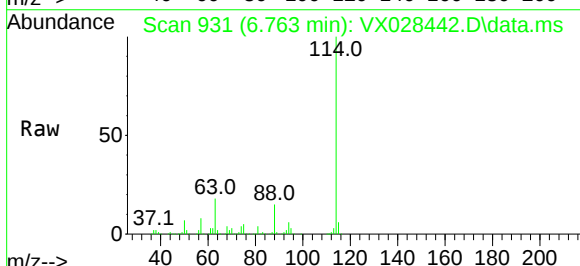
Tgt Ion: 114 Resp: 677906

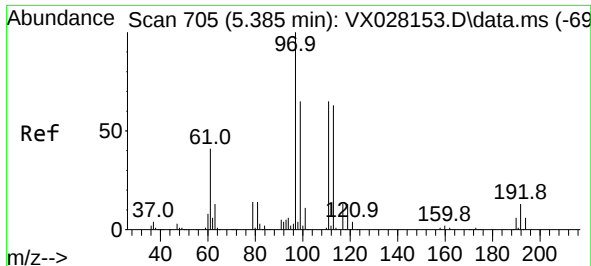
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

88 15.3 0.0 32.4

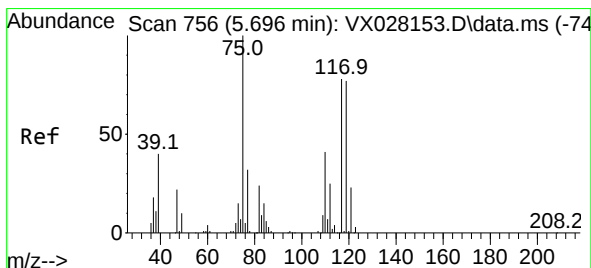
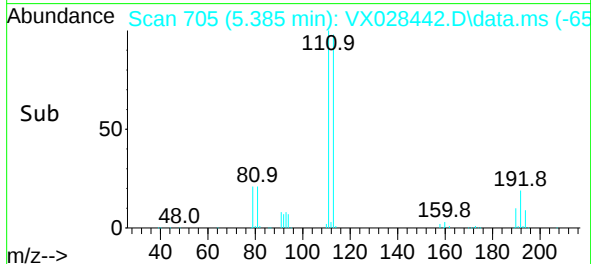
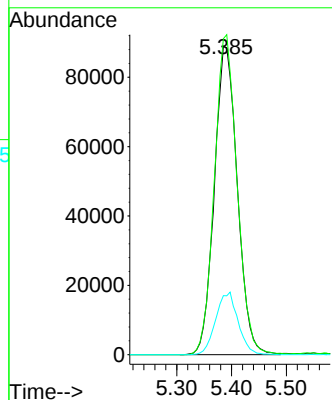
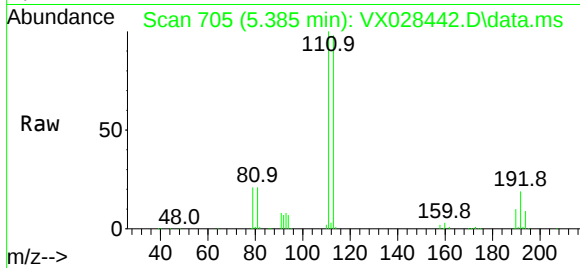




#35
Dibromofluoromethane
Concen: 54.619 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX028442.D
Acq: 29 Apr 2022 23:11

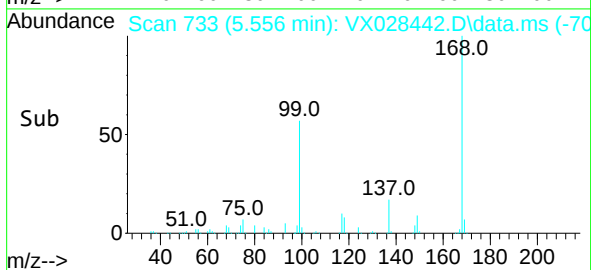
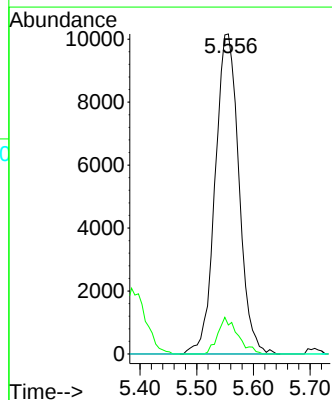
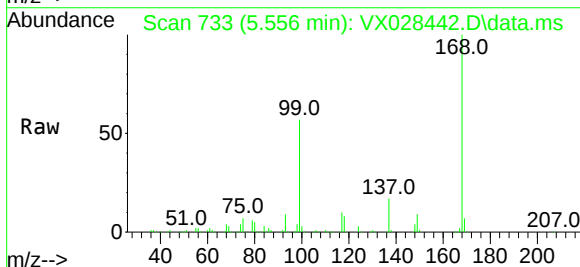
Instrument :
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VX0429WBL03

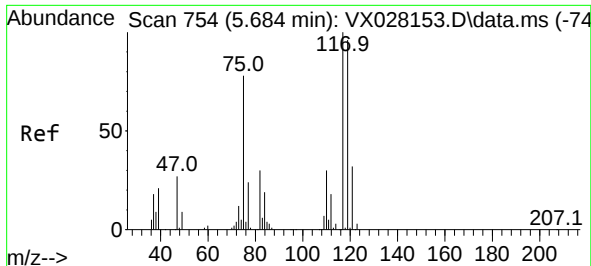
Tgt Ion:113 Resp: 259662
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.760 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX028442.D
Acq: 29 Apr 2022 23:11

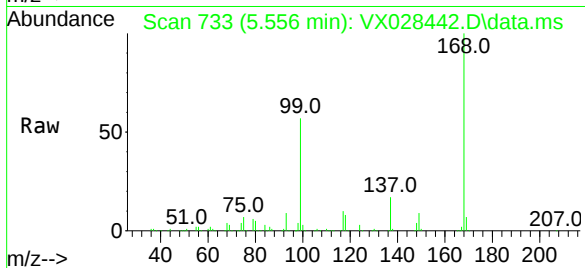
Tgt Ion: 75 Resp: 29520
Ion Ratio Lower Upper
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110 9.6 18.3 54.8#
77 0.0 24.8 37.2#



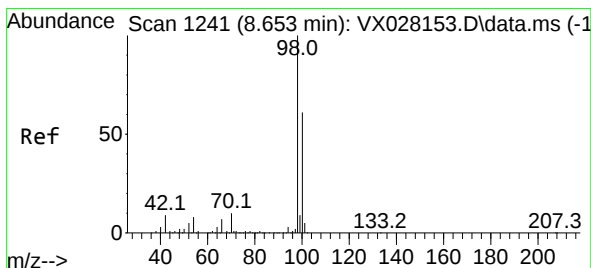
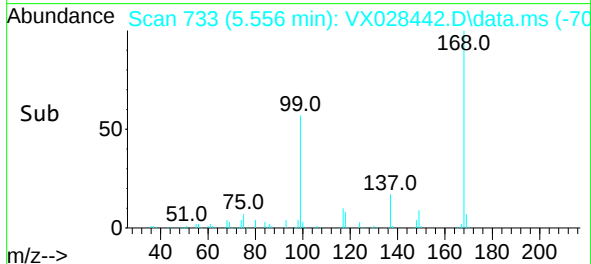
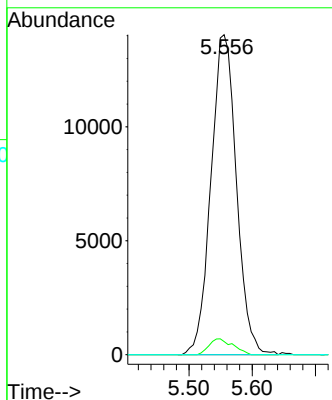


#38
Carbon Tetrachloride
Concen: 5.605 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX028442.D
Acq: 29 Apr 2022 23:11

Instrument :
MSVOA_X
ClientSampleId :
VX0429WBL03

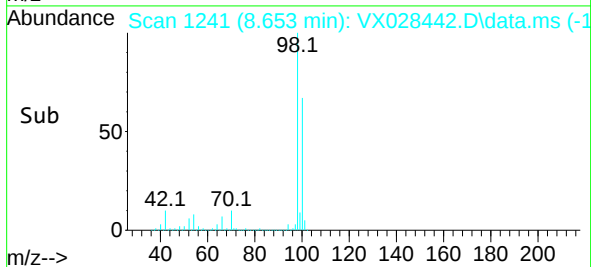
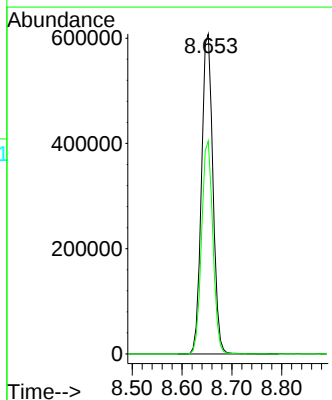
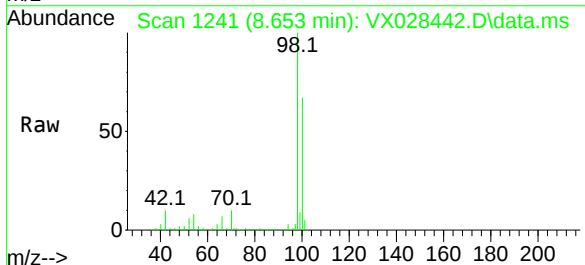


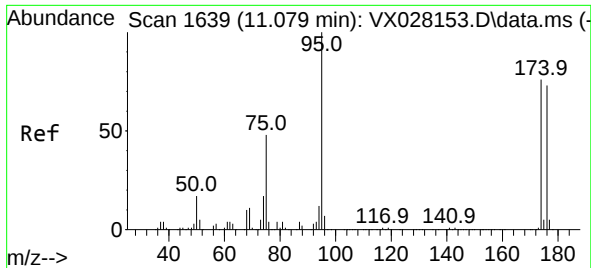
Tgt Ion:117 Resp: 39239
Ion Ratio Lower Upper
117 100
119 4.1 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 52.834 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028442.D
Acq: 29 Apr 2022 23:11

Tgt Ion: 98 Resp: 964719
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8

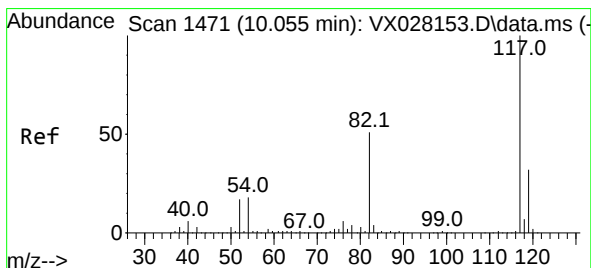
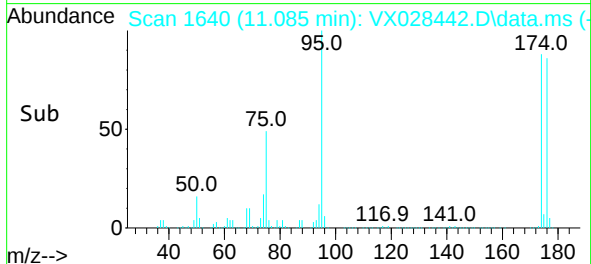
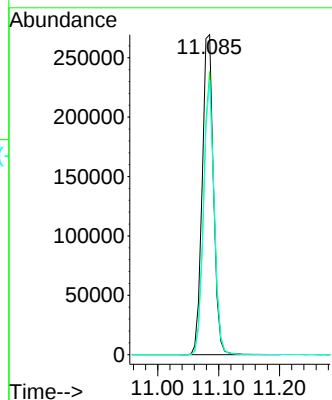
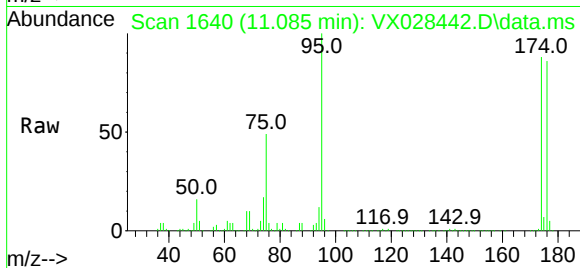




#62
4-Bromofluorobenzene
Concen: 49.681 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028442.D
Acq: 29 Apr 2022 23:11

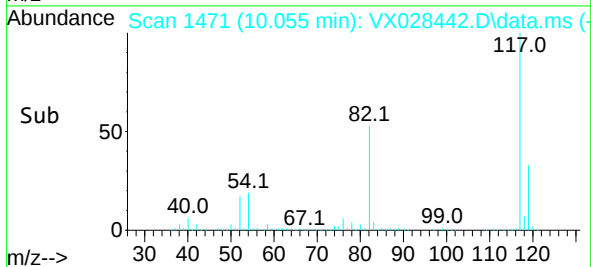
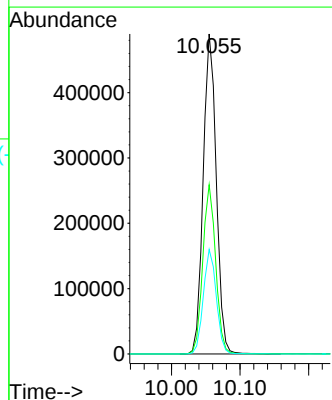
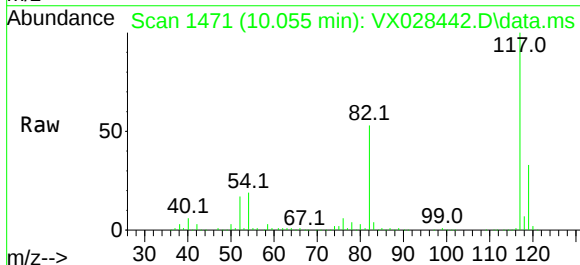
Instrument :
MSVOA_X
ClientSampleId :
VX0429WBL03

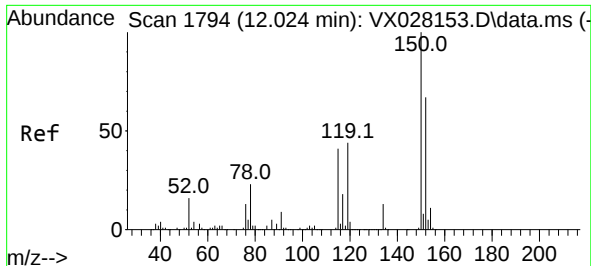
Tgt Ion: 95 Resp: 346860
Ion Ratio Lower Upper
95 100
174 82.8 0.0 163.0
176 80.4 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028442.D
Acq: 29 Apr 2022 23:11

Tgt Ion: 117 Resp: 652276
Ion Ratio Lower Upper
117 100
82 52.9 41.8 62.8
119 32.7 24.8 37.2

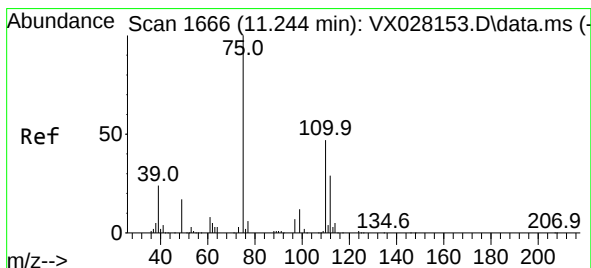
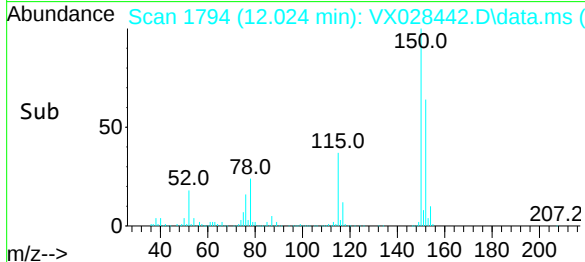
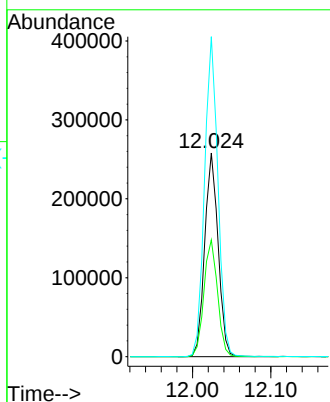
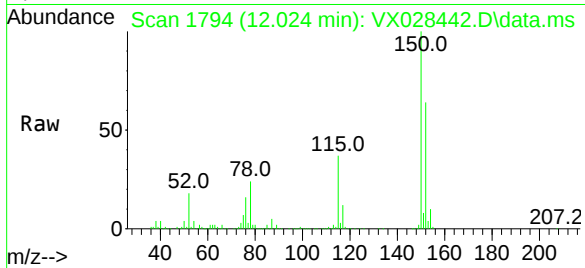




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX028442.D
 Acq: 29 Apr 2022 23:11

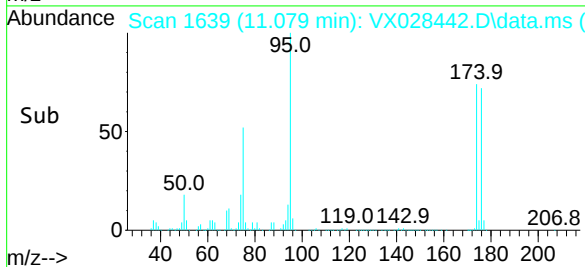
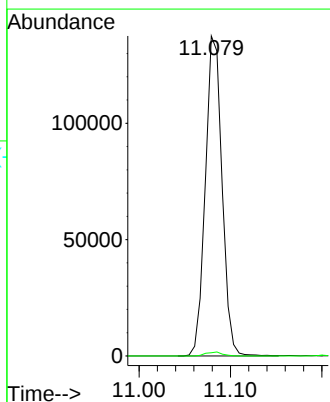
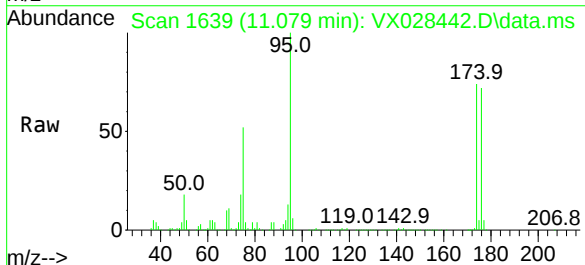
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0429WBL03

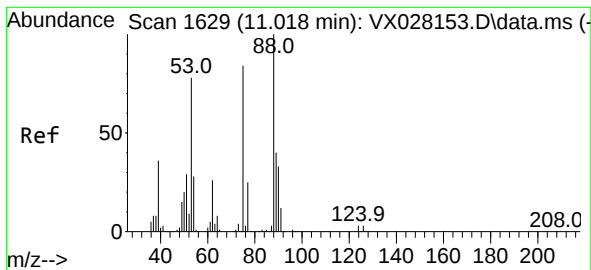
Tgt Ion:152 Resp: 306290
 Ion Ratio Lower Upper
 152 100
 115 58.1 37.5 112.7
 150 156.5 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 28.887 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX028442.D
 Acq: 29 Apr 2022 23:11

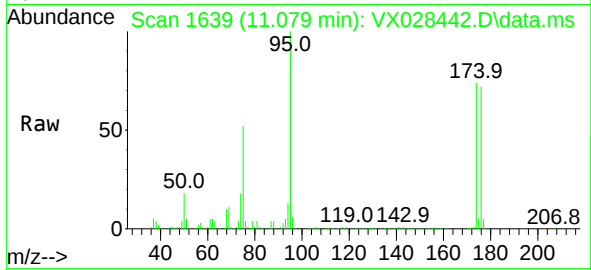
Tgt Ion: 75 Resp: 174131
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.845 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX028442.D
 Acq: 29 Apr 2022 23:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0429WBL03



Tgt Ion: 75 Resp: 174131
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

