

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060922\
 Data File : VX029356.D
 Acq On : 09 Jun 2022 19:32
 Operator : JC/MD
 Sample : N3237-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 10 08:10:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

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

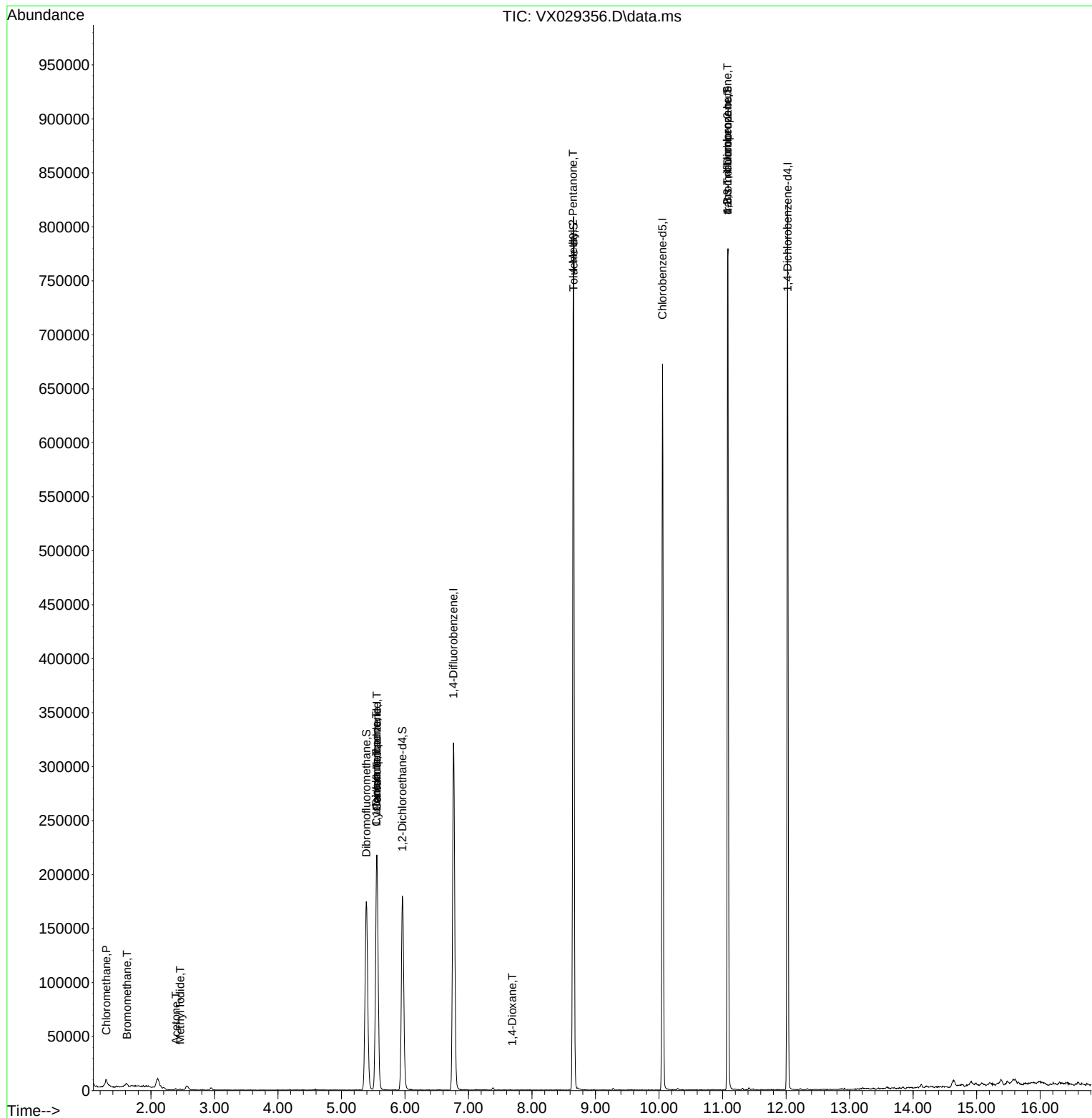
Internal Standards						
1) Pentafluorobenzene	5.556	168	200065	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	340989	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	317150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	176102	58.109	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 116.220%	
35) Dibromofluoromethane	5.391	113	155724	53.719	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 107.440%	
50) Toluene-d8	8.653	98	483768	47.185	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 94.380%	
62) 4-Bromofluorobenzene	11.079	95	226202	56.379	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 112.760%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1162	0.343	ug/l	# 73
5) Bromomethane	1.624	94	771	0.409	ug/l	86
6) Chloroethane	1.685	64	291	Below Cal	#	43
10) Methyl Iodide	2.459	142	992	1.489	ug/l	97
11) Tert butyl alcohol	2.947	59	1256	Below Cal	#	72
16) Acetone	2.392	43	1333	0.824	ug/l	# 85
31) Cyclohexane	5.550	56	4202	0.775	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	15410	3.218	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	21688	4.431	ug/l	# 16
49) 1,4-Dioxane	7.690	88	59	0.614	ug/l	# 25
51) 4-Methyl-2-Pentanone	8.647	43	1999	0.411	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	113476	29.374	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	113476	89.530	ug/l	# 15

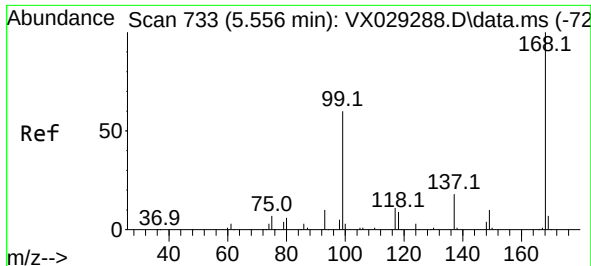
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 10 08:10:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
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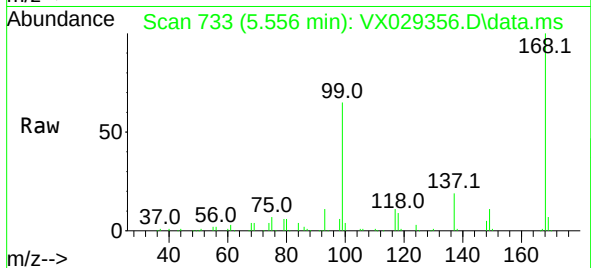


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029356.D
Acq: 09 Jun 2022 19:32

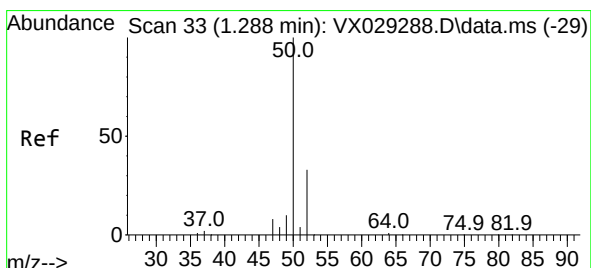
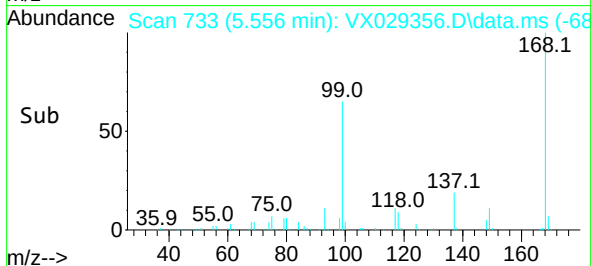
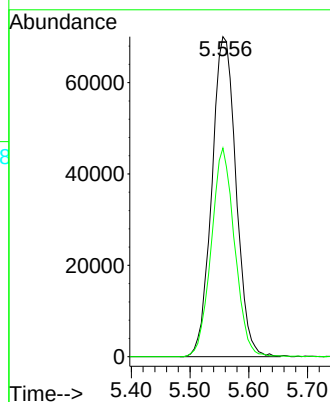
Instrument :

MSVOA_X

ClientSampleId :

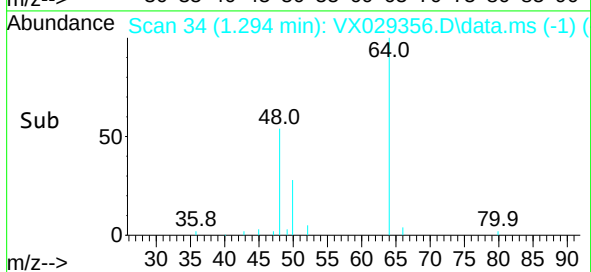
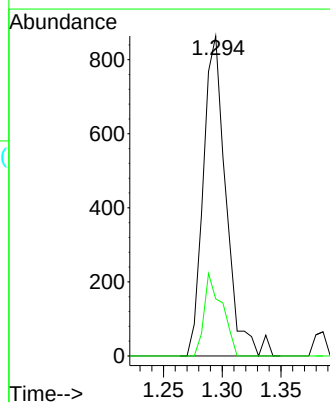
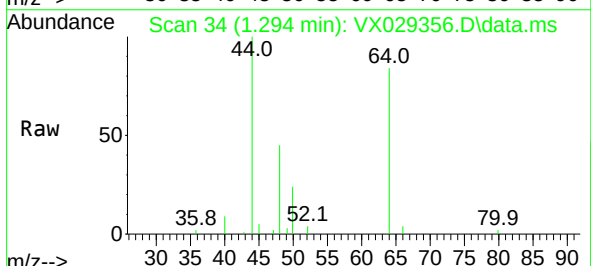


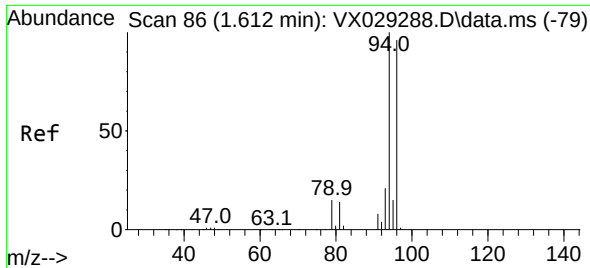
Tgt Ion:168 Resp: 200065
Ion Ratio Lower Upper
168 100
99 65.2 41.7 62.5#



#3
Chloromethane
Concen: 0.343 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029356.D
Acq: 09 Jun 2022 19:32

Tgt Ion: 50 Resp: 1162
Ion Ratio Lower Upper
50 100
52 17.8 26.4 39.6#

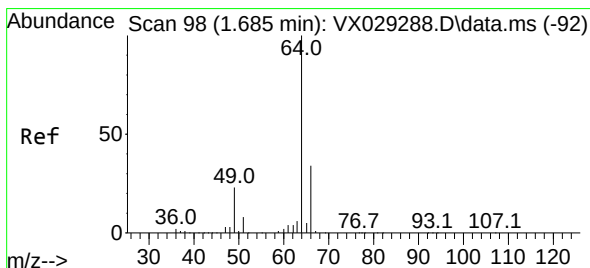
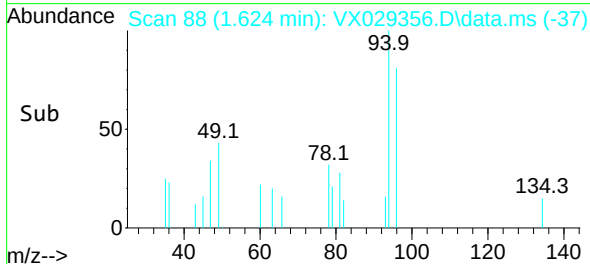
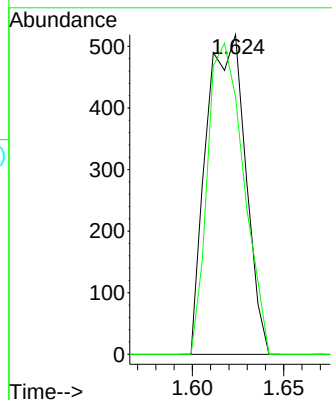
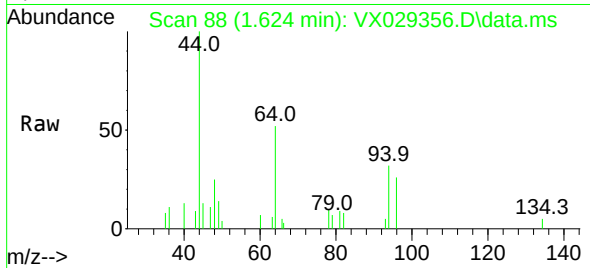




#5
Bromomethane
Concen: 0.409 ug/l
RT: 1.624 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX029356.D
Acq: 09 Jun 2022 19:32

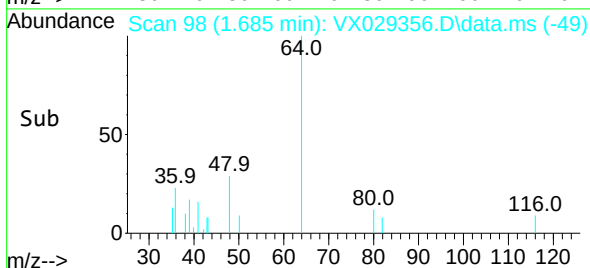
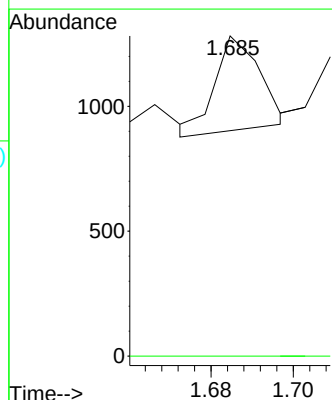
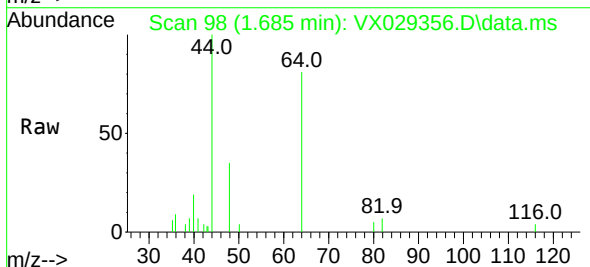
Instrument :
MSVOA_X
ClientSampleId :

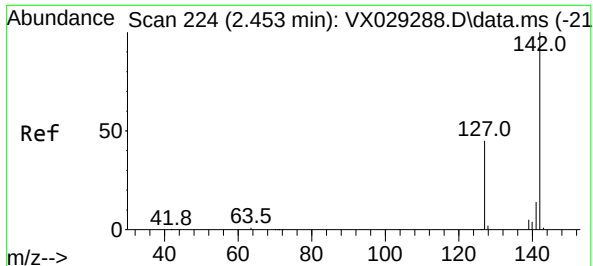
Tgt Ion: 94 Resp: 771
Ion Ratio Lower Upper
94 100
96 80.5 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX029356.D
Acq: 09 Jun 2022 19:32

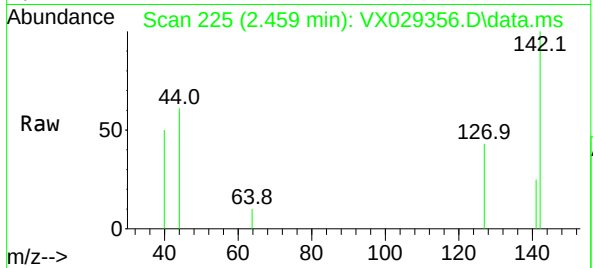
Tgt Ion: 64 Resp: 291
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



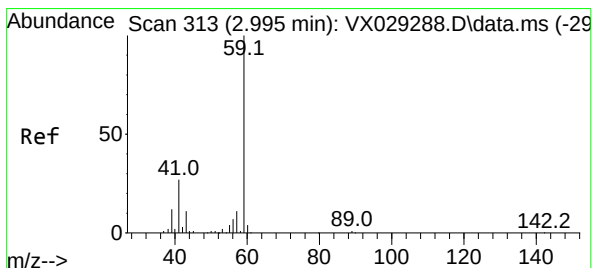
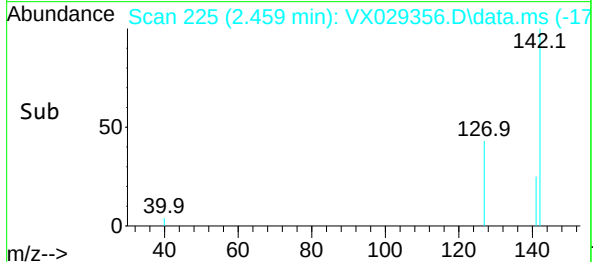
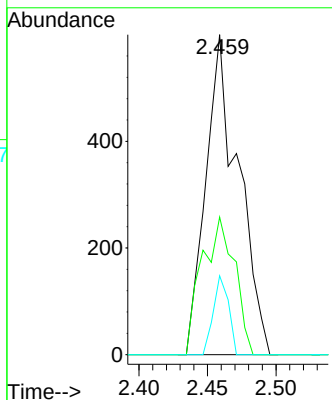


#10
Methyl Iodide
Concen: 1.489 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029356.D
Acq: 09 Jun 2022 19:32

Instrument :
MSVOA_X
ClientSampleId :

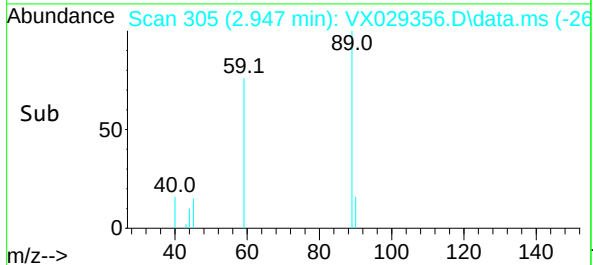
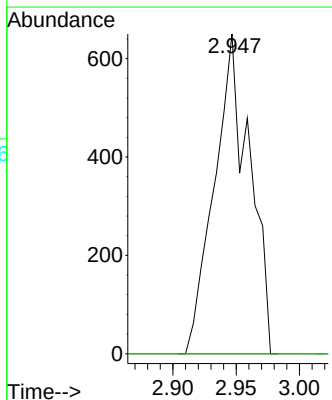
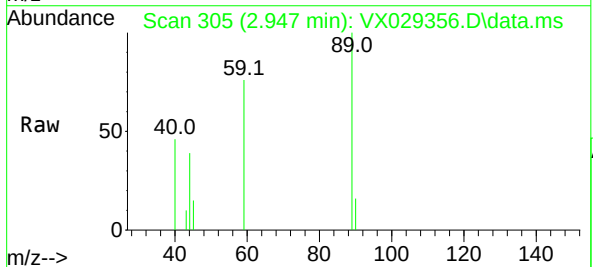


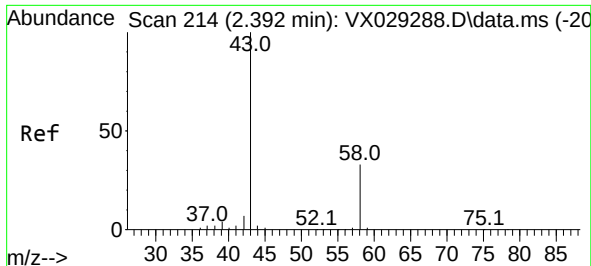
Tgt Ion:142 Resp: 992
Ion Ratio Lower Upper
142 100
127 43.1 33.9 50.9
141 11.5 11.4 17.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.048 min
Lab File: VX029356.D
Acq: 09 Jun 2022 19:32

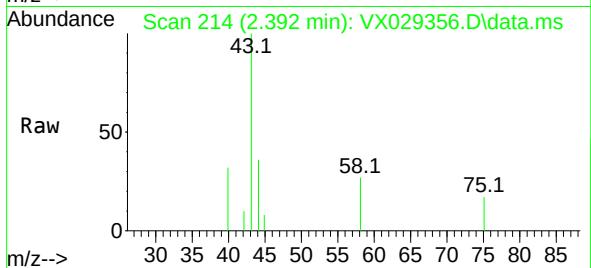
Tgt Ion: 59 Resp: 1256
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



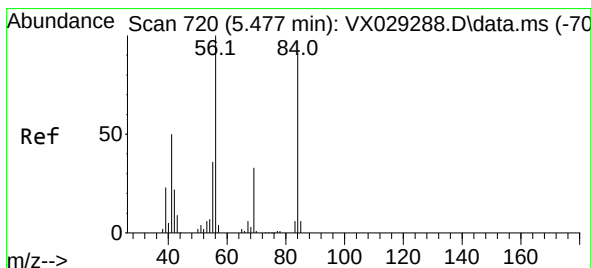
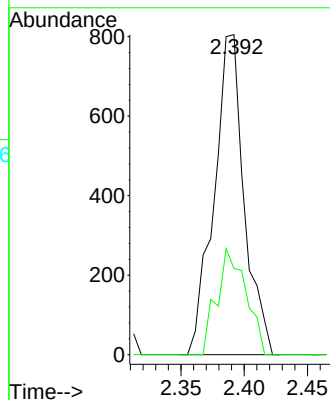
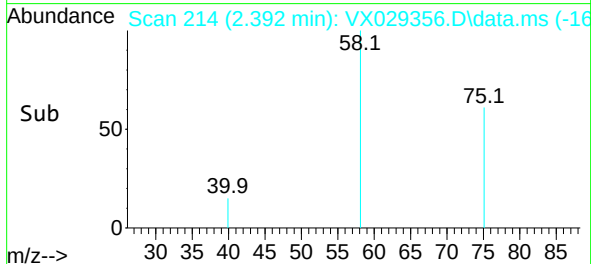


#16
Acetone
Concen: 0.824 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX029356.D
Acq: 09 Jun 2022 19:32

Instrument :
MSVOA_X
ClientSampleId :

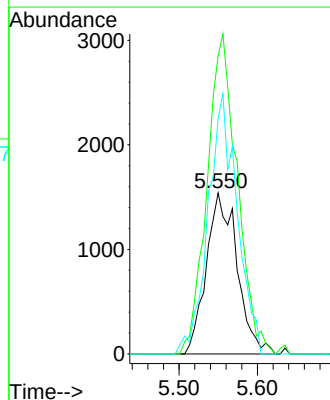
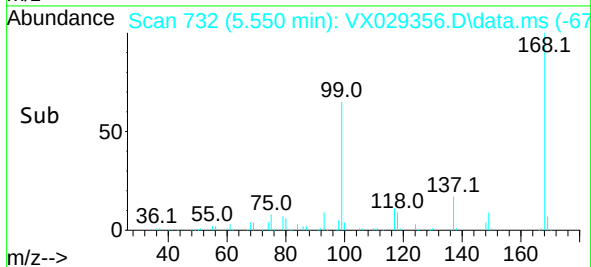
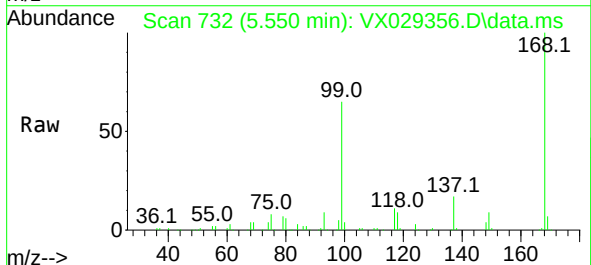


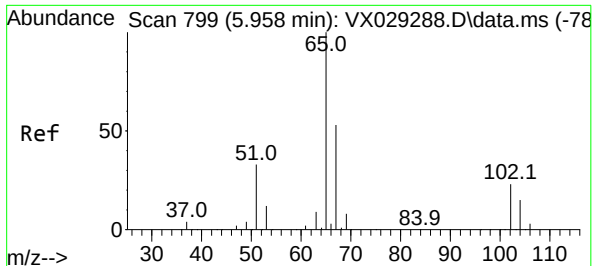
Tgt Ion: 43 Resp: 1333
Ion Ratio Lower Upper
43 100
58 27.0 28.8 43.2#



#31
Cyclohexane
Concen: 0.775 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX029356.D
Acq: 09 Jun 2022 19:32

Tgt Ion: 56 Resp: 4202
Ion Ratio Lower Upper
56 100
69 185.1 26.7 40.1#
84 146.5 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 58.109 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029356.D

Acq: 09 Jun 2022 19:32

Instrument :

MSVOA_X

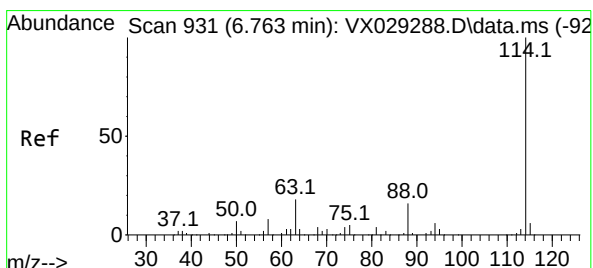
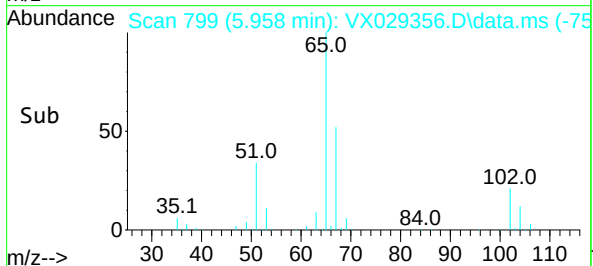
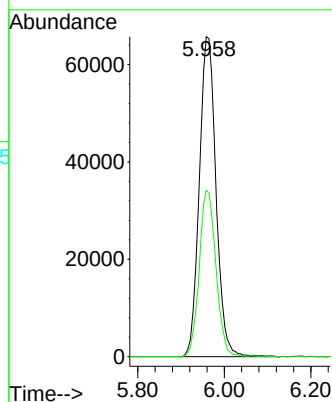
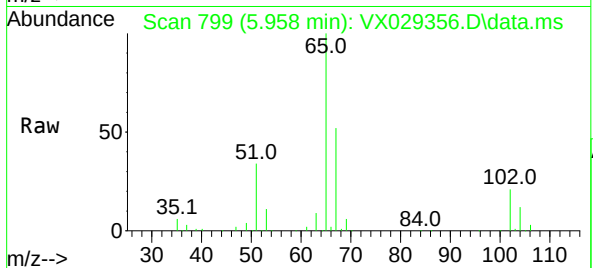
ClientSampleId :

Tgt Ion: 65 Resp: 176102

Ion Ratio Lower Upper

65 100

67 51.9 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: VX029356.D

Acq: 09 Jun 2022 19:32

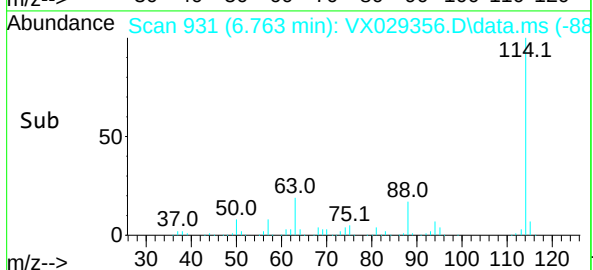
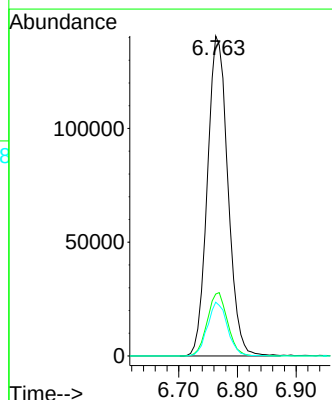
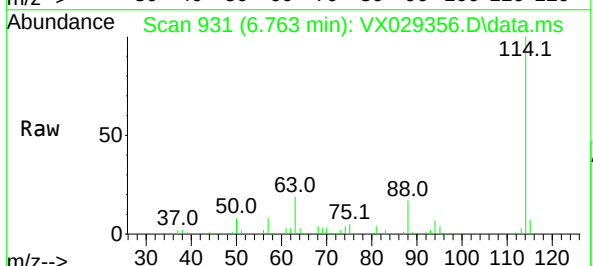
Tgt Ion: 114 Resp: 340989

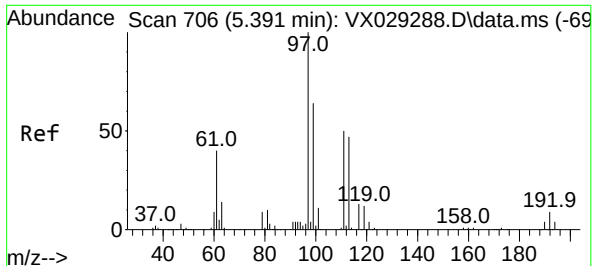
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.8

88 16.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 53.719 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

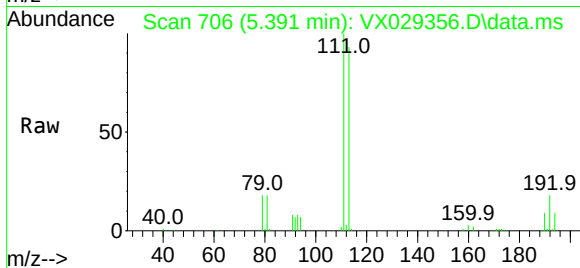
Lab File: VX029356.D

Acq: 09 Jun 2022 19:32

Instrument :

MSVOA_X

ClientSampleId :



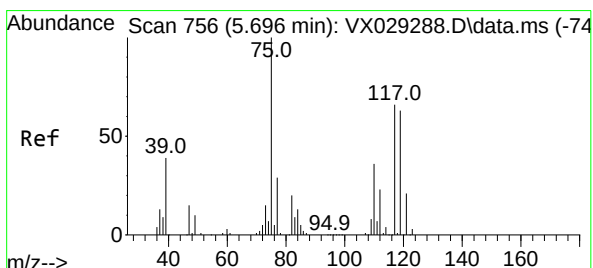
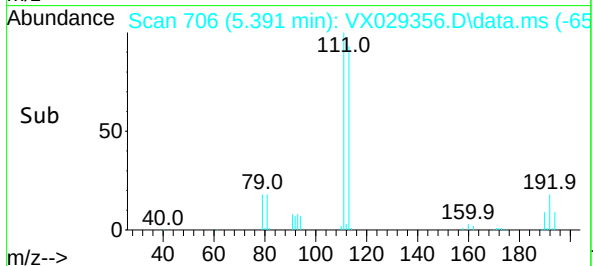
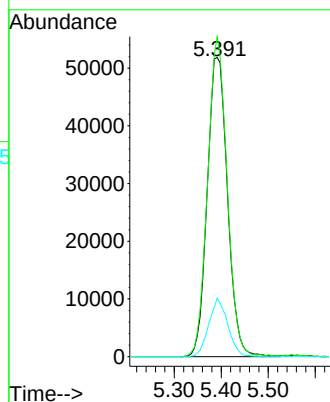
Tgt Ion:113 Resp: 155724

Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

192 18.2 16.9 25.3



#36

1,1-Dichloropropene

Concen: 3.218 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX029356.D

Acq: 09 Jun 2022 19:32

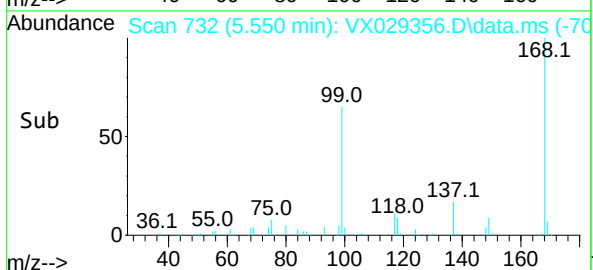
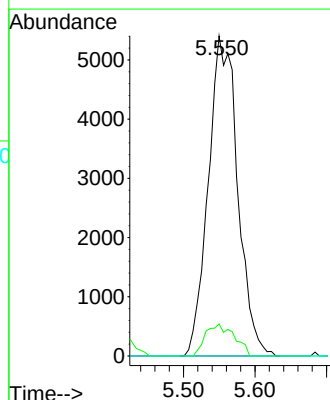
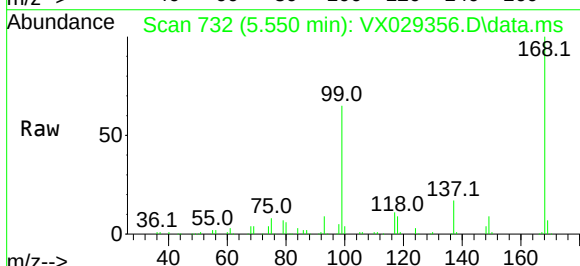
Tgt Ion: 75 Resp: 15410

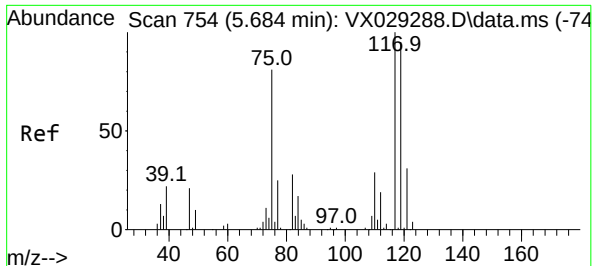
Ion Ratio Lower Upper

75 100

110 9.8 18.3 54.8#

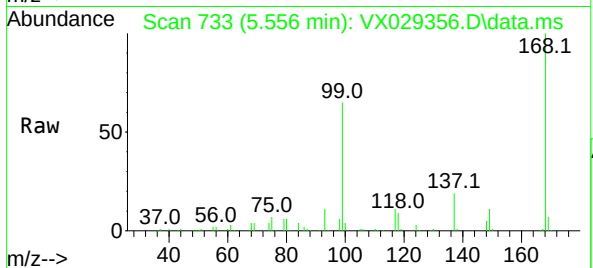
77 0.0 24.8 37.2#



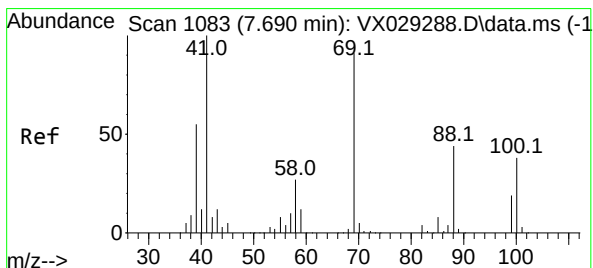
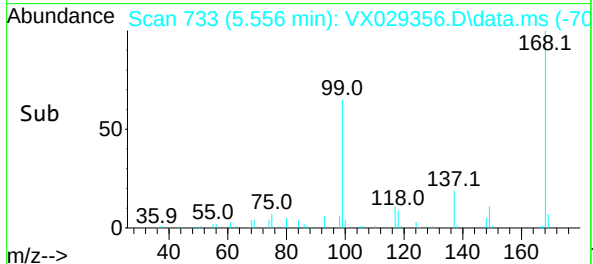
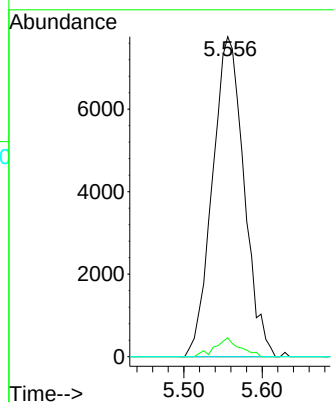


#38
Carbon Tetrachloride
Concen: 4.431 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029356.D
Acq: 09 Jun 2022 19:32

Instrument :
MSVOA_X
ClientSampleId :

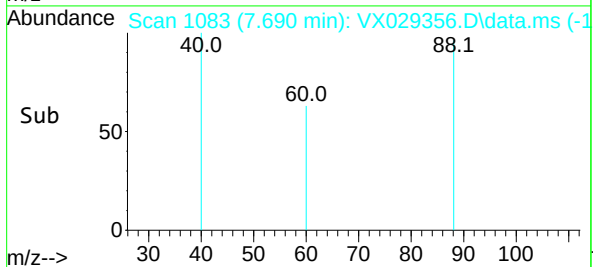
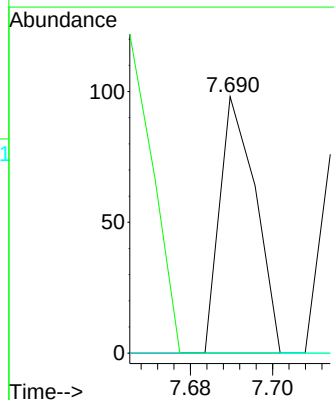
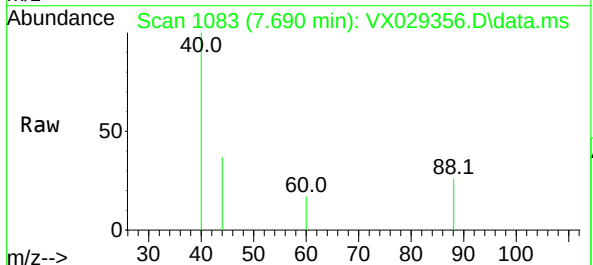


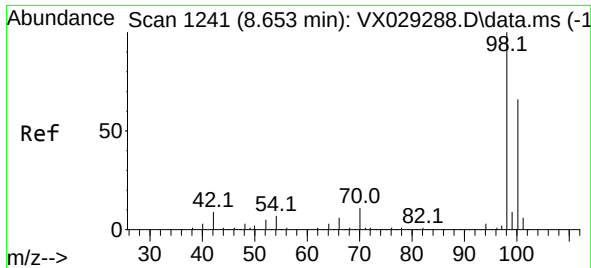
Tgt Ion:117 Resp: 21688
Ion Ratio Lower Upper
117 100
119 5.9 77.3 115.9#
121 0.0 24.2 36.2#



#49
1,4-Dioxane
Concen: 0.614 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX029356.D
Acq: 09 Jun 2022 19:32

Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
43 0.0 21.9 32.9#
58 0.0 53.7 80.5#

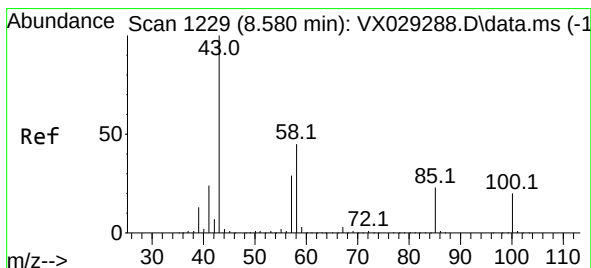
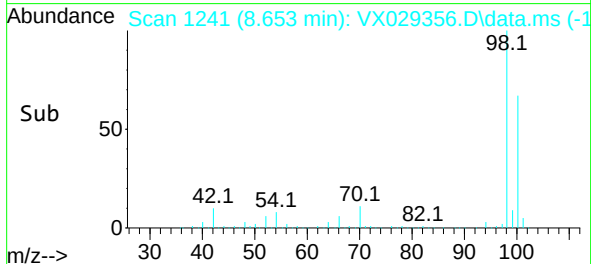
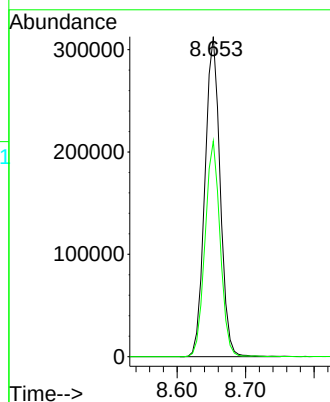
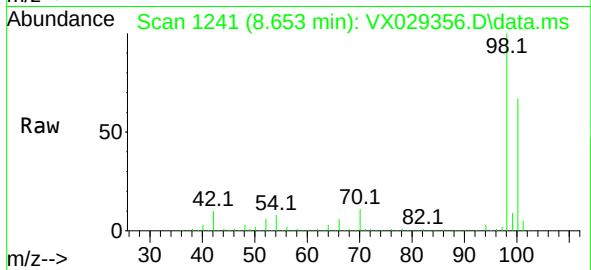




#50
Toluene-d8
Concen: 47.185 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029356.D
Acq: 09 Jun 2022 19:32

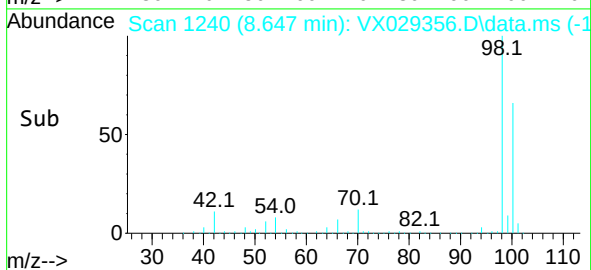
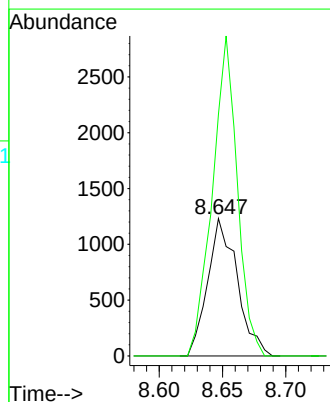
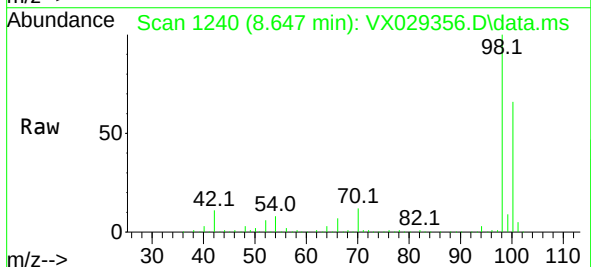
Instrument :
MSVOA_X
ClientSampleId :

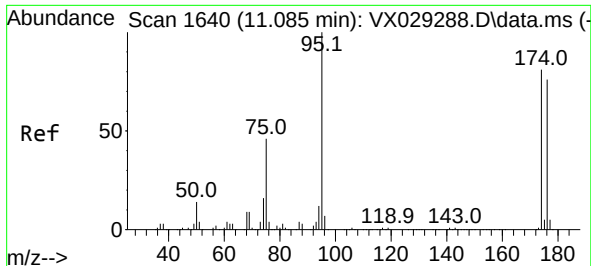
Tgt Ion: 98 Resp: 483768
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.411 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX029356.D
Acq: 09 Jun 2022 19:32

Tgt Ion: 43 Resp: 1999
Ion Ratio Lower Upper
43 100
58 196.3 36.1 54.1#

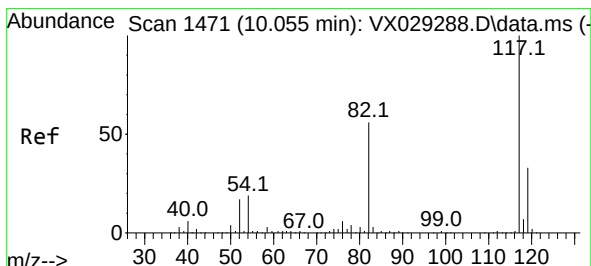
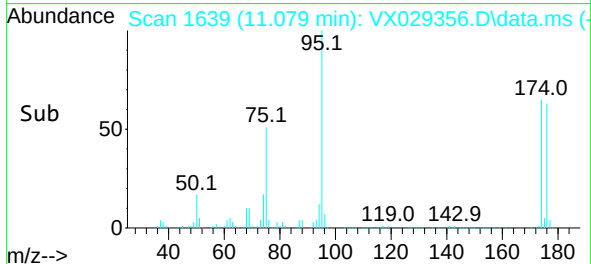
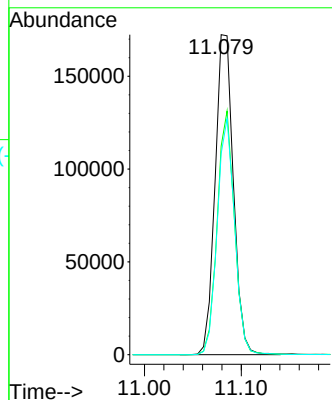
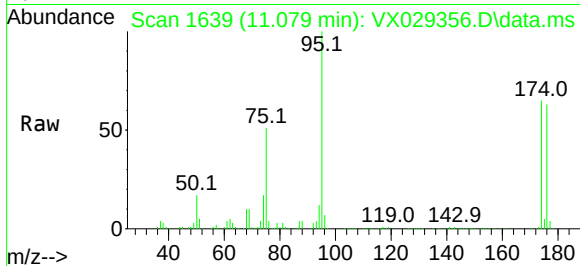




#62
4-Bromofluorobenzene
Concen: 56.379 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029356.D
Acq: 09 Jun 2022 19:32

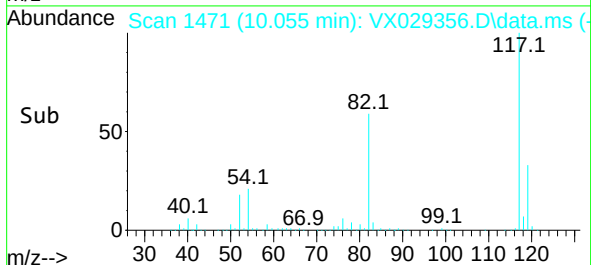
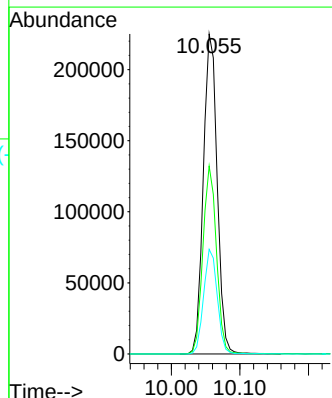
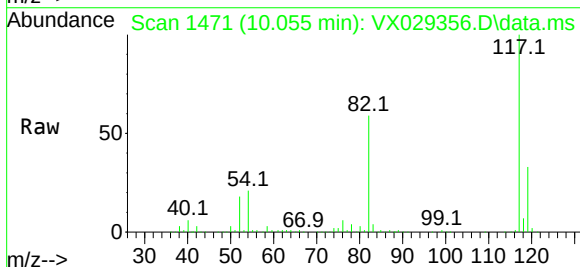
Instrument :
MSVOA_X
ClientSampleId :

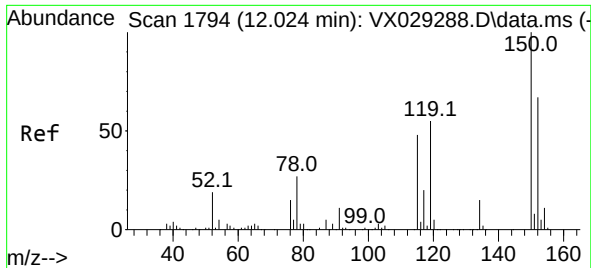
Tgt Ion: 95 Resp: 226202
Ion Ratio Lower Upper
95 100
174 71.8 0.0 163.0
176 70.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029356.D
Acq: 09 Jun 2022 19:32

Tgt Ion: 117 Resp: 317150
Ion Ratio Lower Upper
117 100
82 58.8 41.8 62.8
119 32.7 24.8 37.2

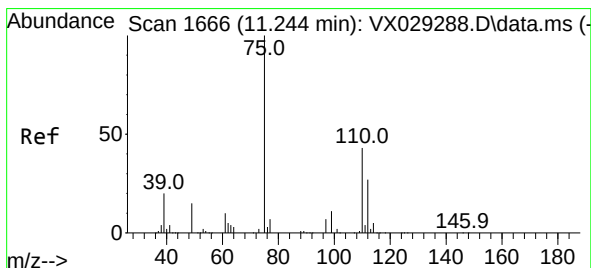
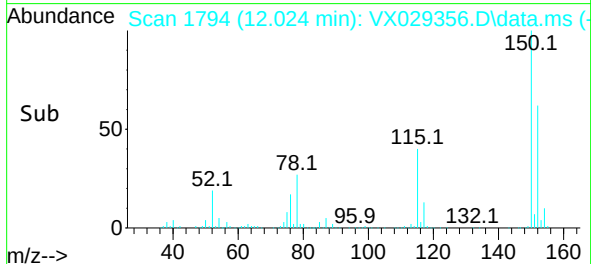
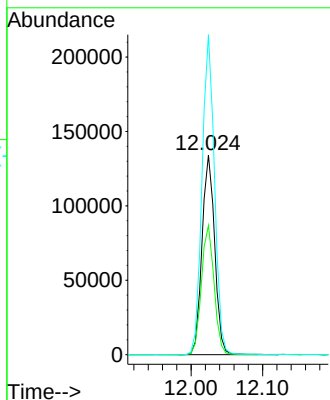
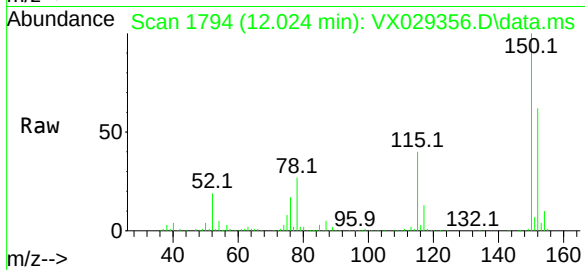




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX029356.D
 Acq: 09 Jun 2022 19:32

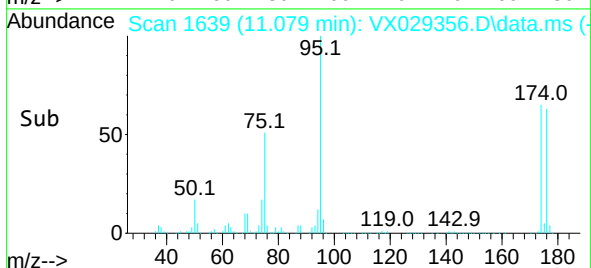
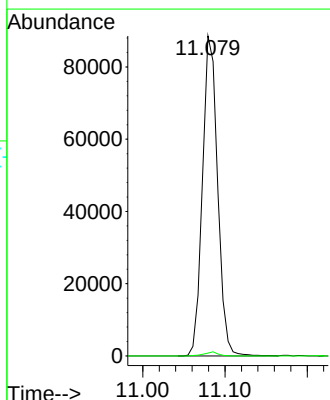
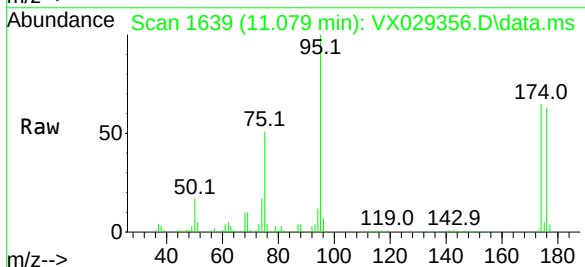
Instrument :
 MSVOA_X
 ClientSampleId :

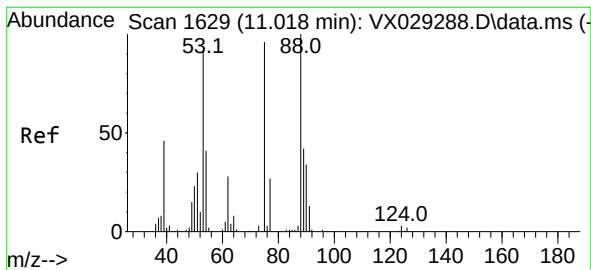
Tgt Ion:152 Resp: 165393
 Ion Ratio Lower Upper
 152 100
 115 64.6 37.5 112.7
 150 157.4 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 29.374 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029356.D
 Acq: 09 Jun 2022 19:32

Tgt Ion: 75 Resp: 113476
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.530 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029356.D
 Acq: 09 Jun 2022 19:32

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 113476
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

