

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062222\
 Data File : VX029687.D
 Acq On : 22 Jun 2022 10:19
 Operator : JC/MD
 Sample : VX0622WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBL01

Quant Time: Jun 23 01:07:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

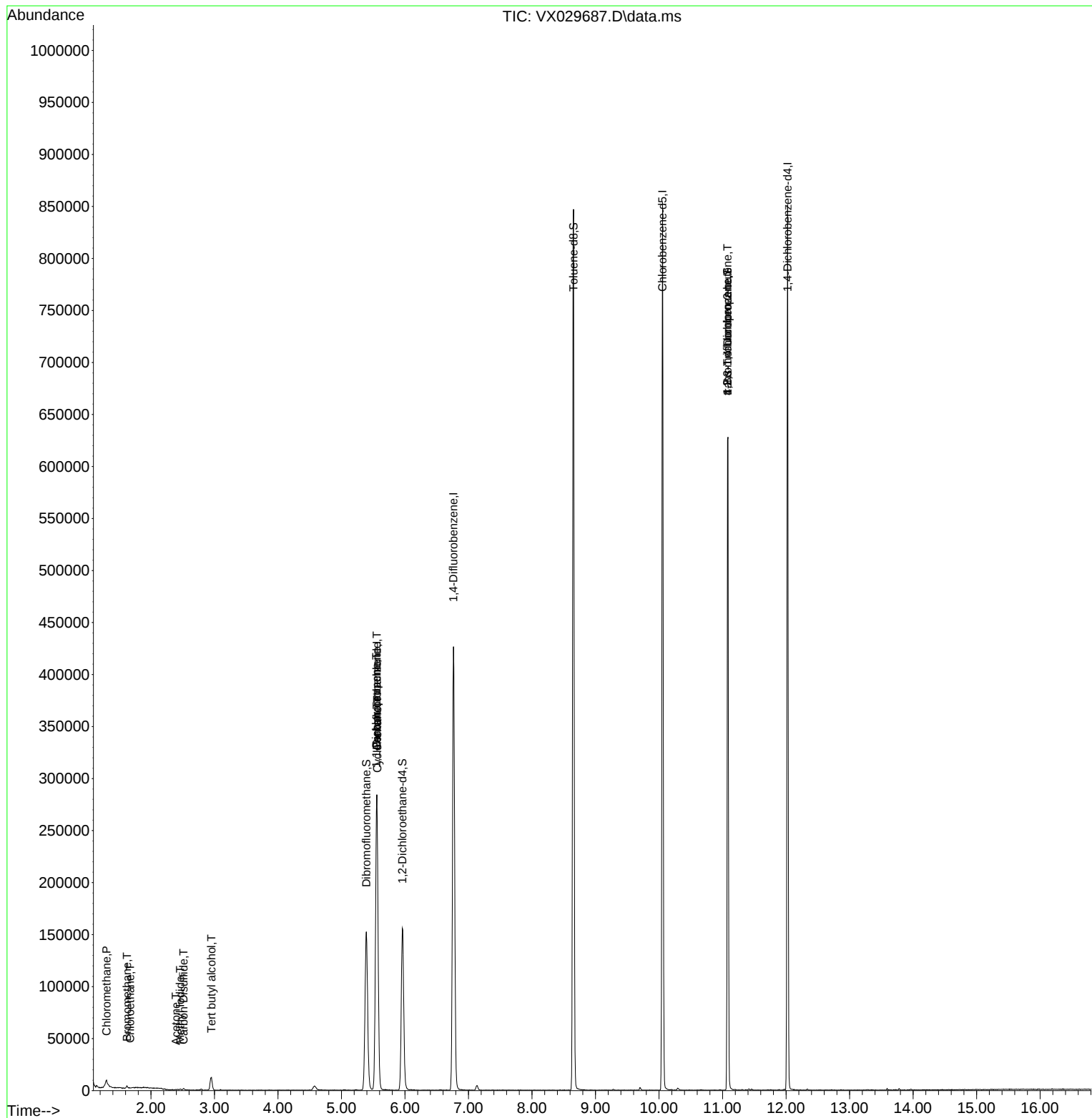
Internal Standards						
1) Pentafluorobenzene	5.556	168	273855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	459647	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	401852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	177510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	150059	41.395	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.780%
35) Dibromofluoromethane	5.391	113	137602	45.937	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.880%
50) Toluene-d8	8.653	98	520871	47.599	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.200%
62) 4-Bromofluorobenzene	11.079	95	186983	45.310	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.620%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	1193	0.334	ug/l #	83
5) Bromomethane	1.624	94	823	0.490	ug/l #	78
6) Chloroethane	1.672	64	474	1.472	ug/l #	43
10) Methyl Iodide	2.459	142	1028	3.312	ug/l #	95
11) Tert butyl alcohol	2.953	59	7480	0.223	ug/l #	72
16) Acetone	2.392	43	658	0.455	ug/l #	84
17) Carbon Disulfide	2.514	76	1772	0.246	ug/l	96
31) Cyclohexane	5.562	56	4676	0.961	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	20493	5.055	ug/l #	49
38) Carbon Tetrachloride	5.556	117	26888	6.744	ug/l #	16
44) Trichloroethene	7.129	130	2023	Below Cal		92
76) 1,2,3-Trichloropropane	11.079	75	86631	22.402	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	86631	74.527	ug/l #	15

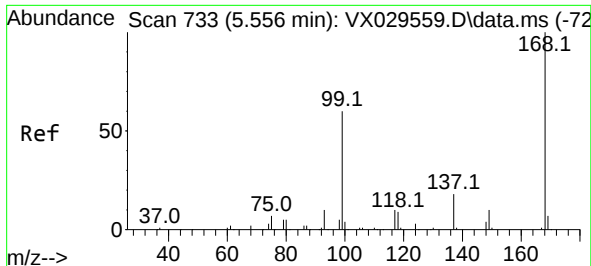
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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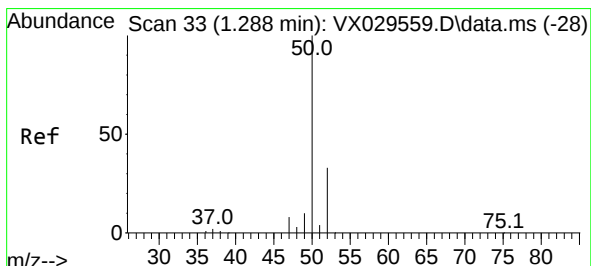
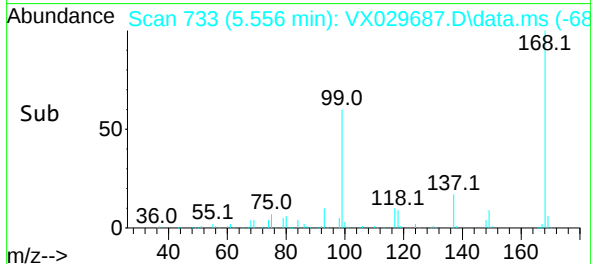
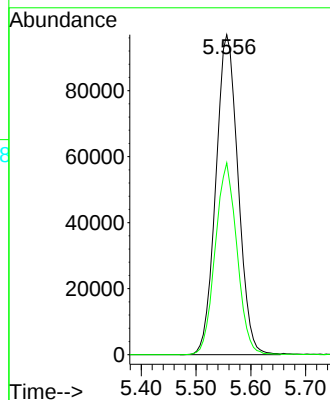
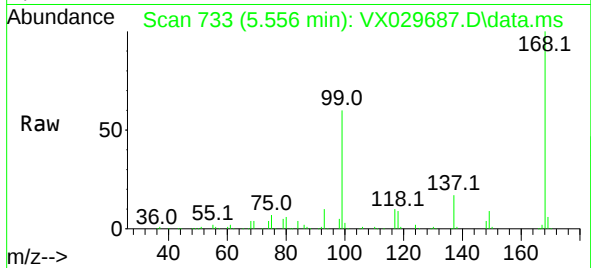




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029687.D
Acq: 22 Jun 2022 10:19

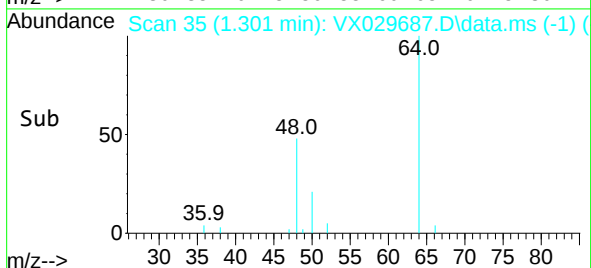
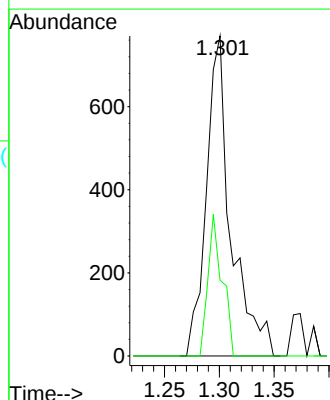
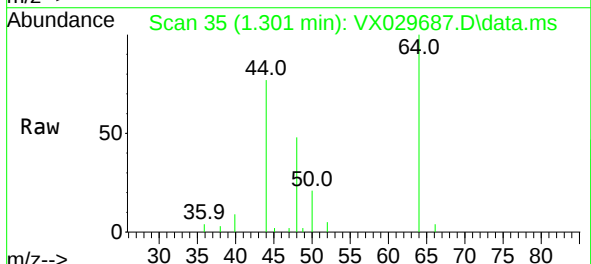
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBL01

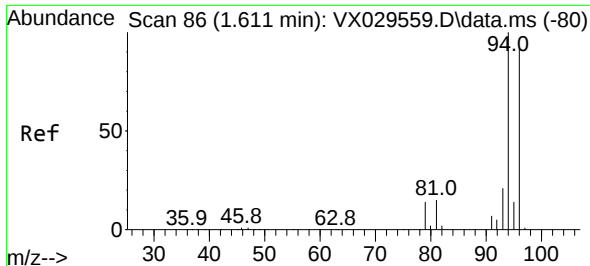
Tgt Ion:168 Resp: 273855
Ion Ratio Lower Upper
168 100
99 60.0 41.7 62.5



#3
Chloromethane
Concen: 0.334 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.013 min
Lab File: VX029687.D
Acq: 22 Jun 2022 10:19

Tgt Ion: 50 Resp: 1193
Ion Ratio Lower Upper
50 100
52 23.6 26.4 39.6#

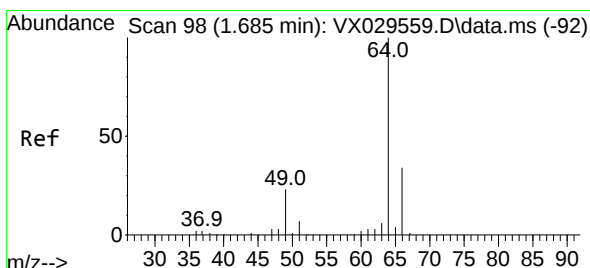
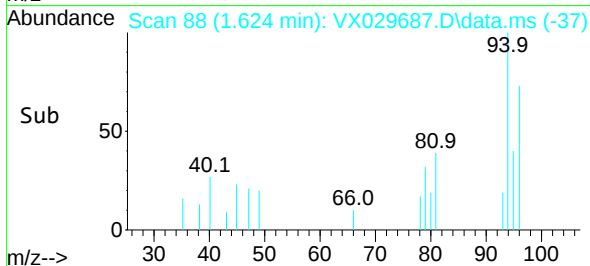
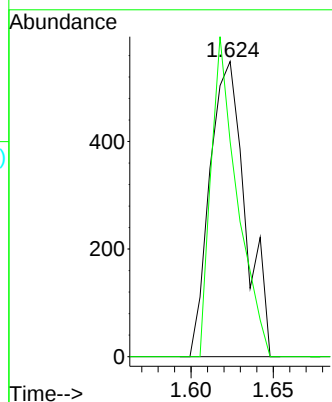
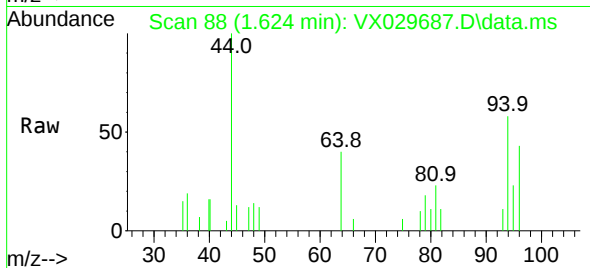




#5
Bromomethane
Concen: 0.490 ug/l
RT: 1.624 min Scan# 81
Delta R.T. 0.013 min
Lab File: VX029687.D
Acq: 22 Jun 2022 10:19

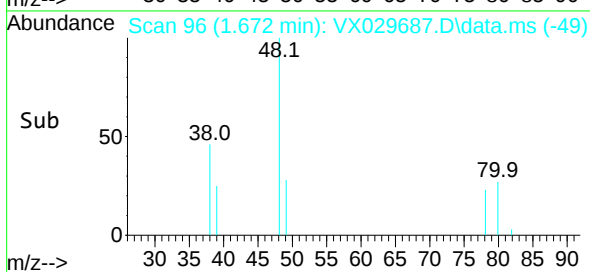
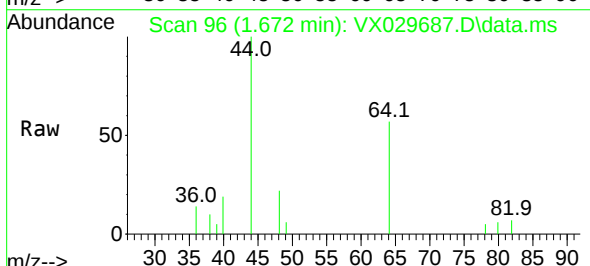
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBL01

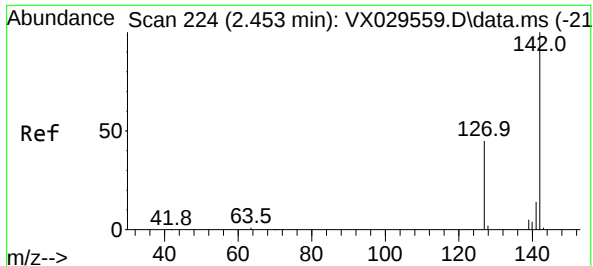
Tgt Ion: 94 Resp: 823
Ion Ratio Lower Upper
94 100
96 72.9 75.3 112.9#



#6
Chloroethane
Concen: 1.472 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.013 min
Lab File: VX029687.D
Acq: 22 Jun 2022 10:19

Tgt Ion: 64 Resp: 474
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

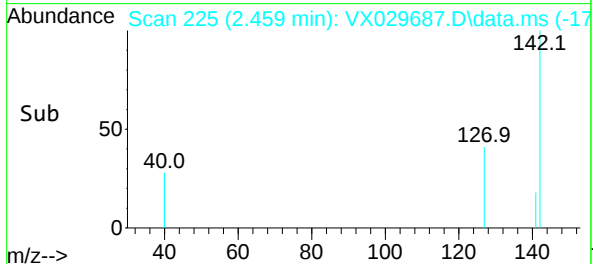
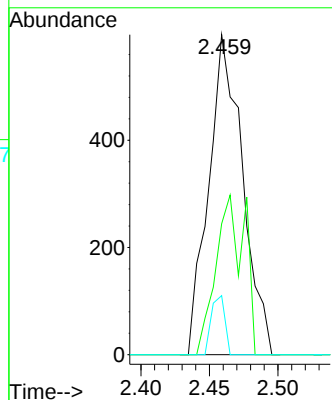
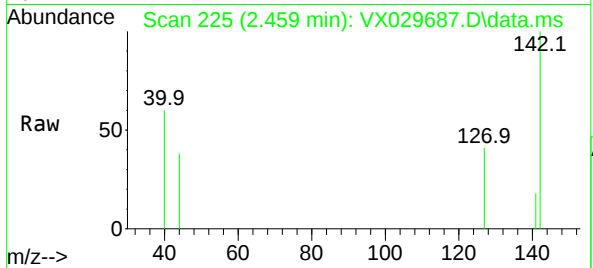




#10
Methyl Iodide
Concen: 3.312 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029687.D
Acq: 22 Jun 2022 10:19

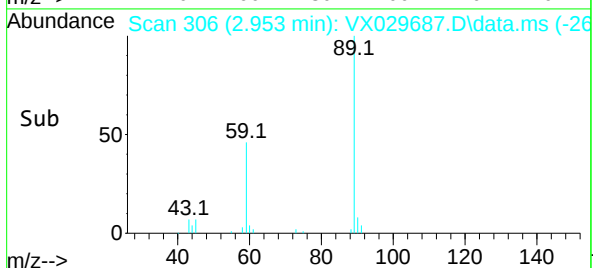
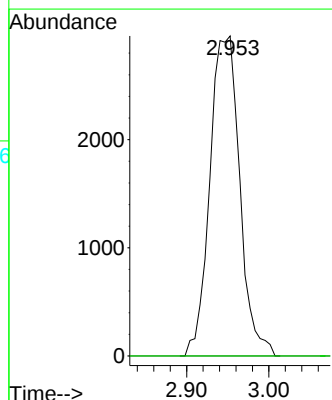
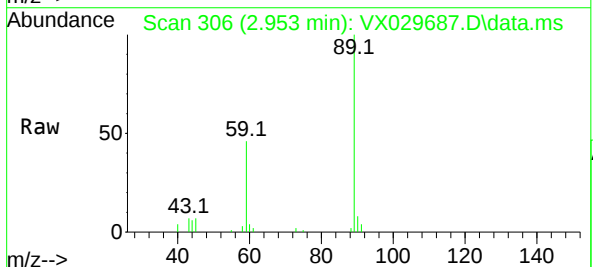
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBL01

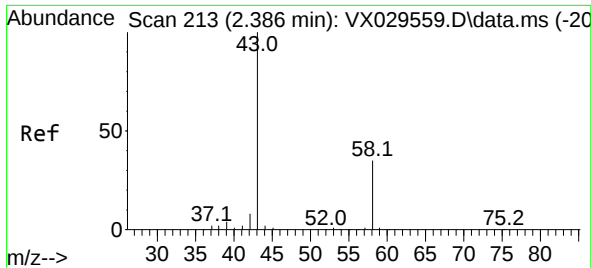
Tgt Ion:142 Resp: 1028
Ion Ratio Lower Upper
142 100
127 41.9 33.9 50.9
141 7.3 11.4 17.2#



#11
Tert butyl alcohol
Concen: 0.223 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX029687.D
Acq: 22 Jun 2022 10:19

Tgt Ion: 59 Resp: 7480
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

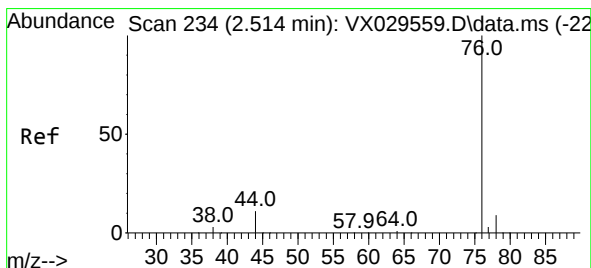
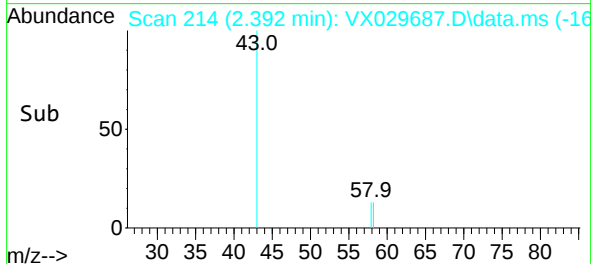
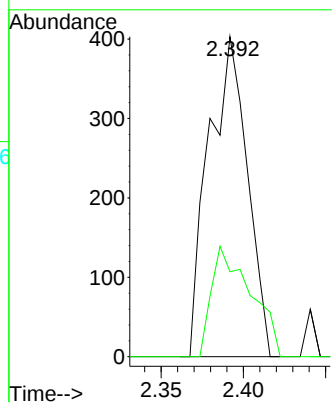
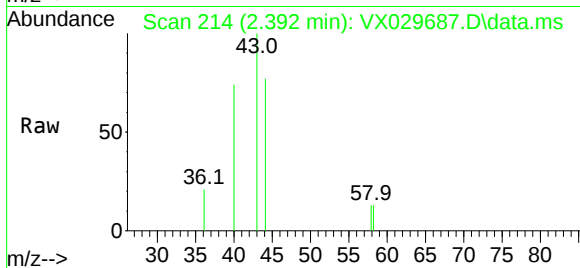




#16
Acetone
Concen: 0.455 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX029687.D
Acq: 22 Jun 2022 10:19

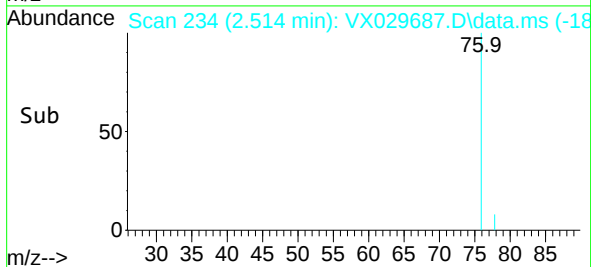
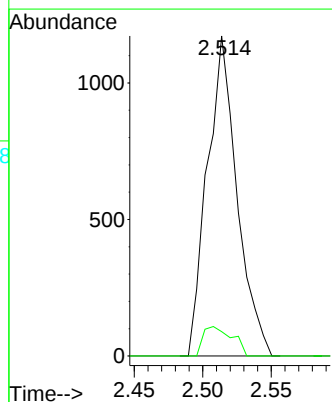
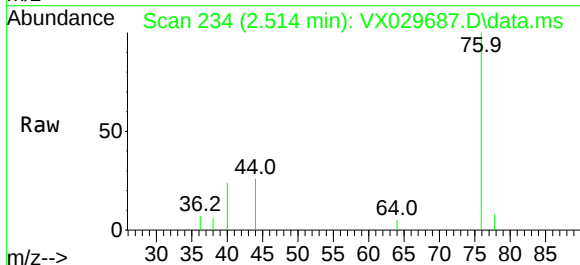
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBL01

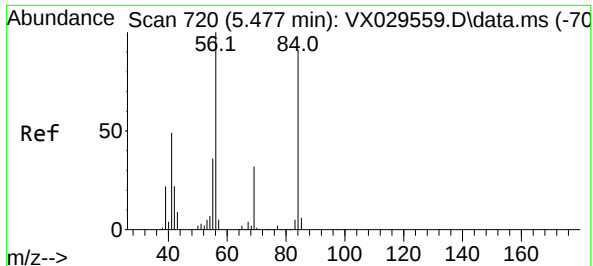
Tgt Ion: 43 Resp: 658
Ion Ratio Lower Upper
43 100
58 26.6 28.8 43.2#



#17
Carbon Disulfide
Concen: 0.246 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX029687.D
Acq: 22 Jun 2022 10:19

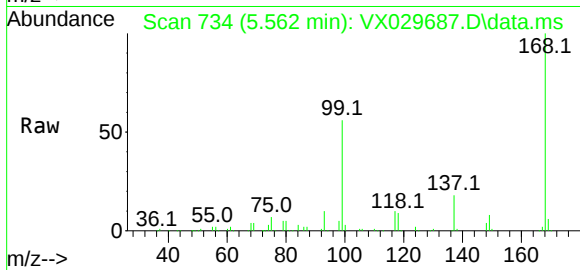
Tgt Ion: 76 Resp: 1772
Ion Ratio Lower Upper
76 100
78 7.6 7.2 10.8



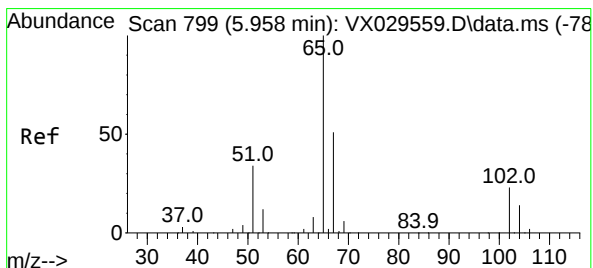
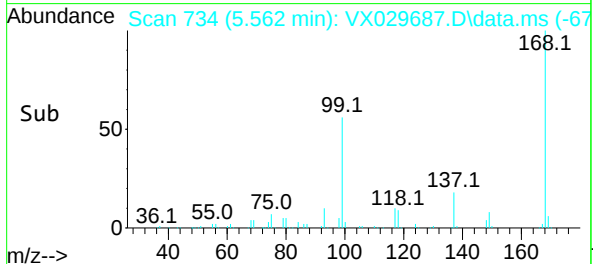
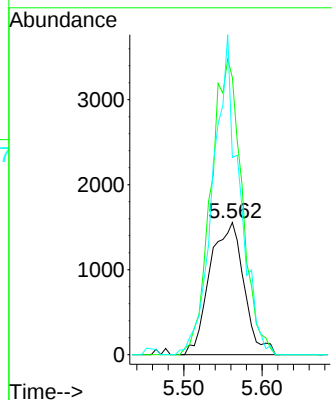


#31
Cyclohexane
Concen: 0.961 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.085 min
Lab File: VX029687.D
Acq: 22 Jun 2022 10:19

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBL01

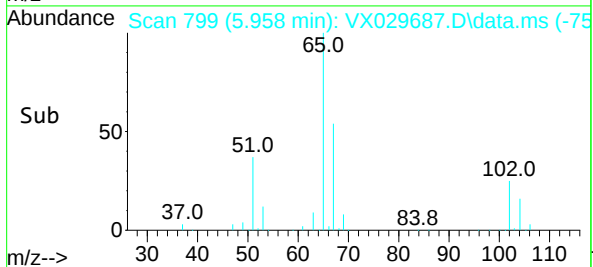
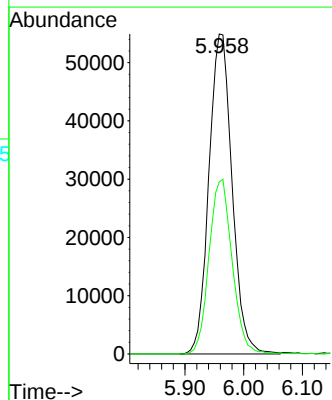
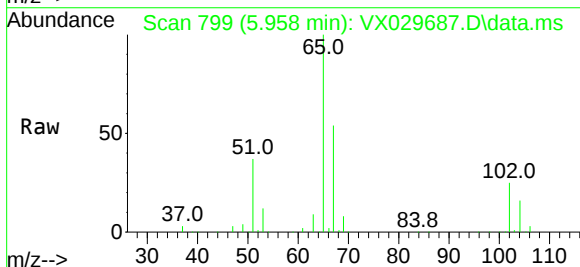


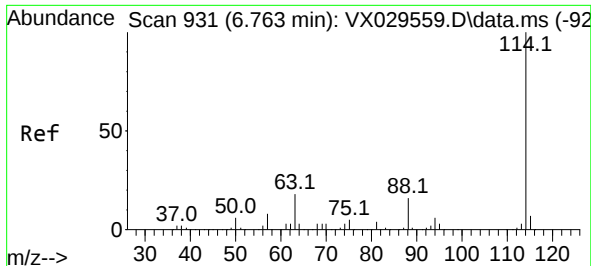
Tgt Ion: 56 Resp: 4676
Ion Ratio Lower Upper
56 100
69 209.7 26.7 40.1#
84 149.3 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 41.395 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029687.D
Acq: 22 Jun 2022 10:19

Tgt Ion: 65 Resp: 150059
Ion Ratio Lower Upper
65 100
67 54.5 0.0 107.4

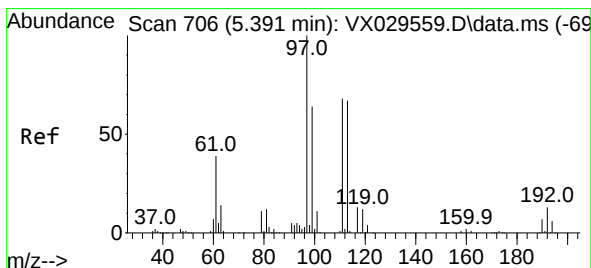
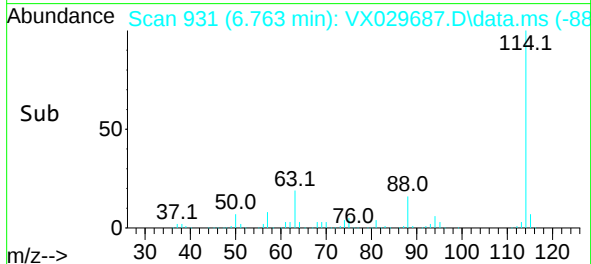
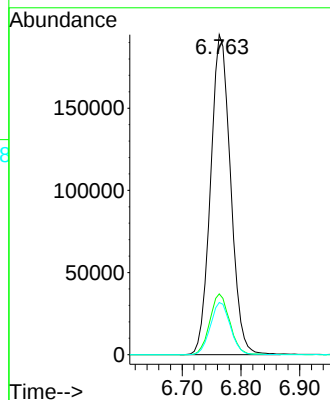
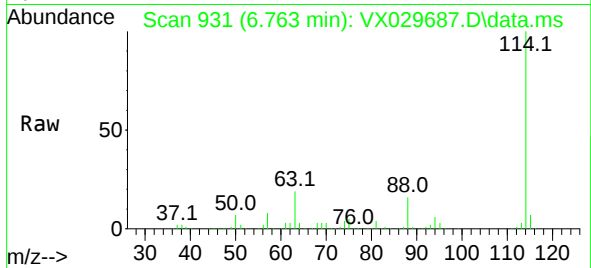




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX029687.D
Acq: 22 Jun 2022 10:19

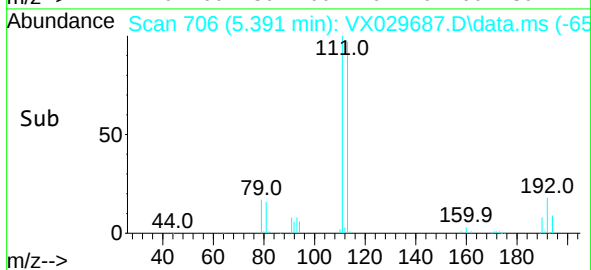
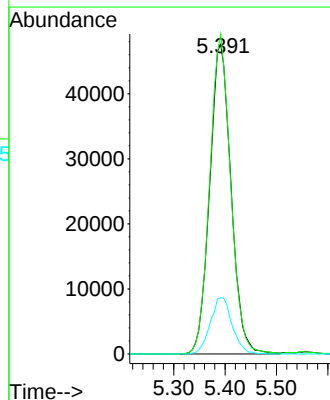
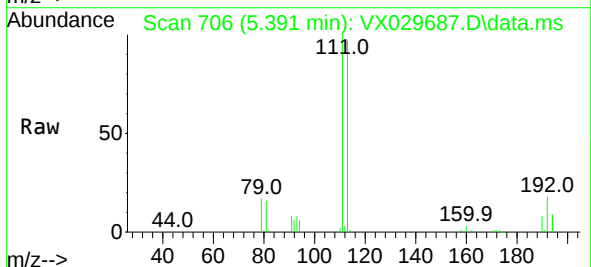
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBL01

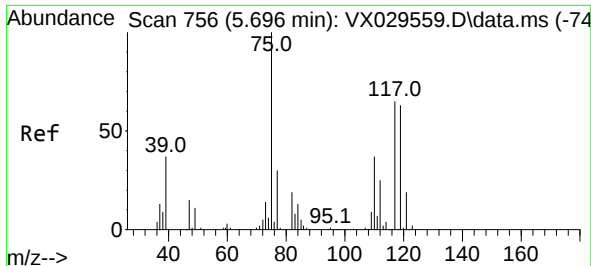
Tgt Ion:114 Resp: 459647
Ion Ratio Lower Upper
114 100
63 19.0 0.0 36.8
88 16.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.937 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029687.D
Acq: 22 Jun 2022 10:19

Tgt Ion:113 Resp: 137602
Ion Ratio Lower Upper
113 100
111 101.0 82.8 124.2
192 18.7 16.9 25.3

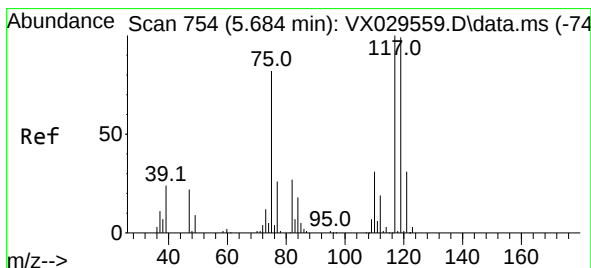
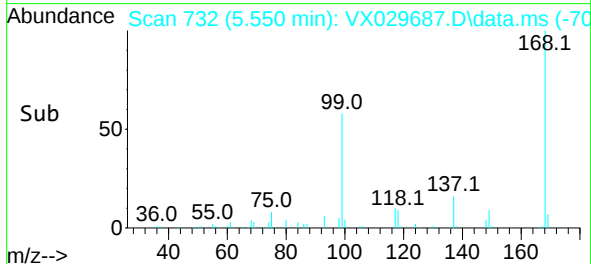
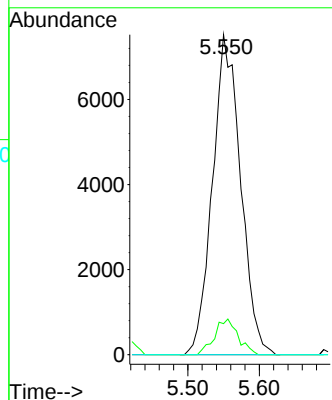
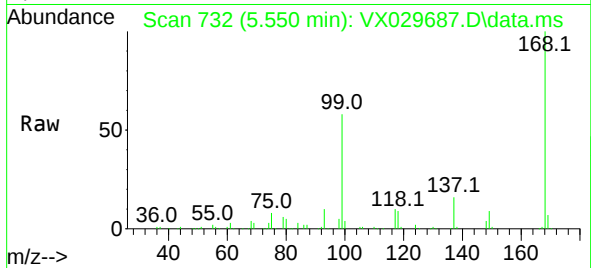




#36
1,1-Dichloropropene
Concen: 5.055 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX029687.D
Acq: 22 Jun 2022 10:19

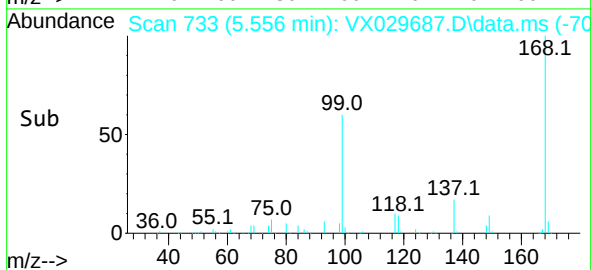
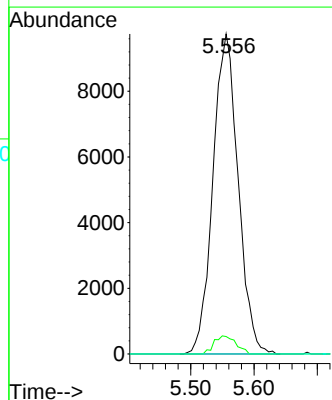
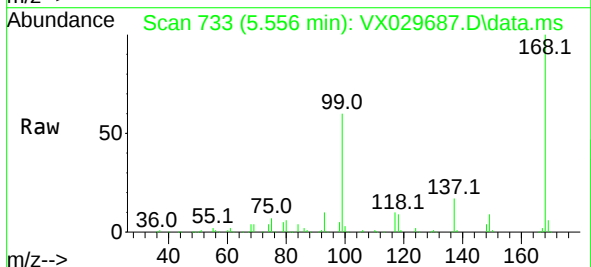
Instrument :
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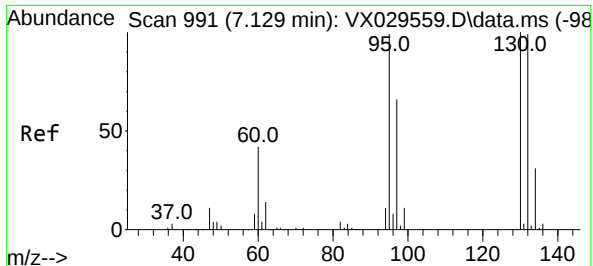
Tgt Ion: 75 Resp: 20493
Ion Ratio Lower Upper
75 100
110 9.4 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.744 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX029687.D
Acq: 22 Jun 2022 10:19

Tgt Ion: 117 Resp: 26888
Ion Ratio Lower Upper
117 100
119 5.4 77.3 115.9#
121 0.0 24.2 36.2#

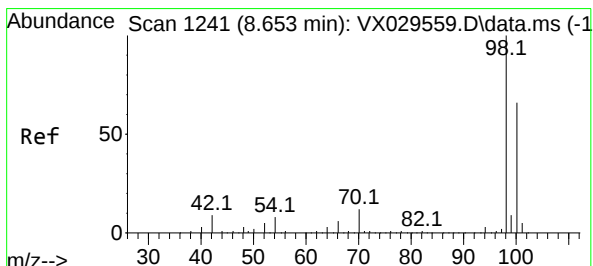
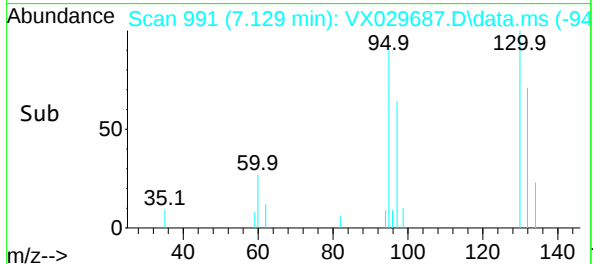
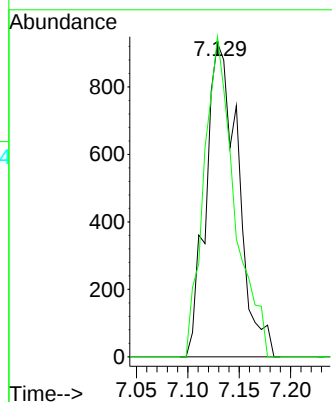
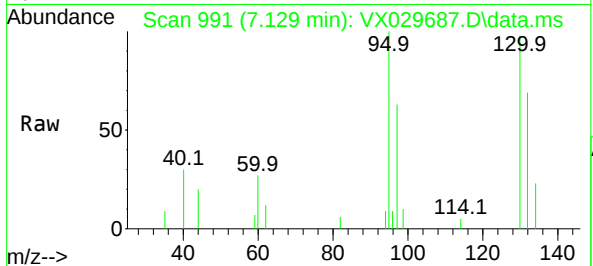




#44
Trichloroethene
Concen: Below Cal
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029687.D
Acq: 22 Jun 2022 10:19

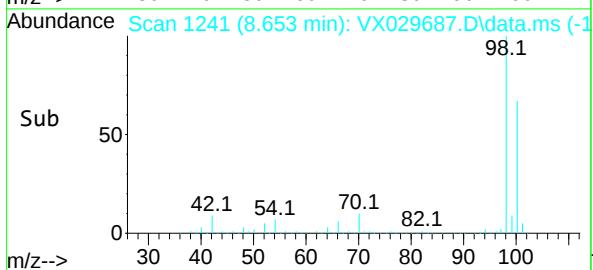
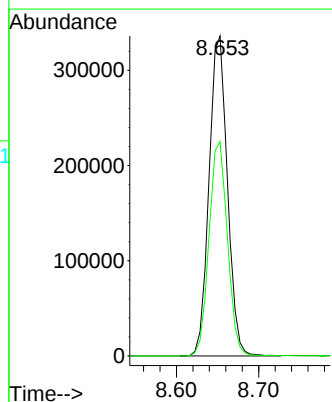
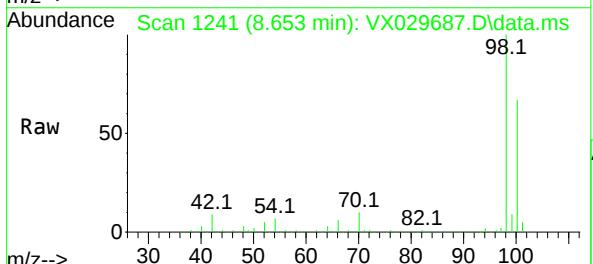
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBL01

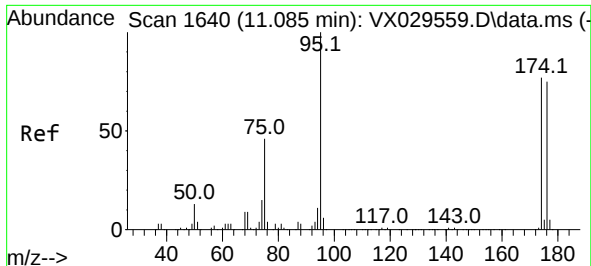
Tgt Ion:130 Resp: 2023
Ion Ratio Lower Upper
130 100
95 101.9 0.0 188.8



#50
Toluene-d8
Concen: 47.599 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029687.D
Acq: 22 Jun 2022 10:19

Tgt Ion: 98 Resp: 520871
Ion Ratio Lower Upper
98 100
100 67.4 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 45.310 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX029687.D

Acq: 22 Jun 2022 10:19

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBL01

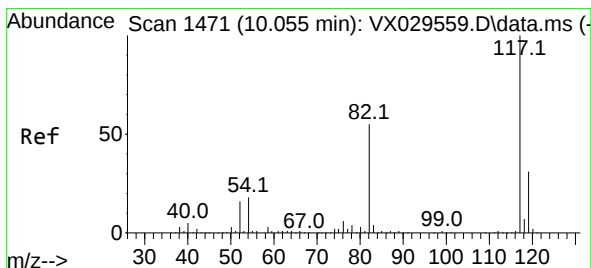
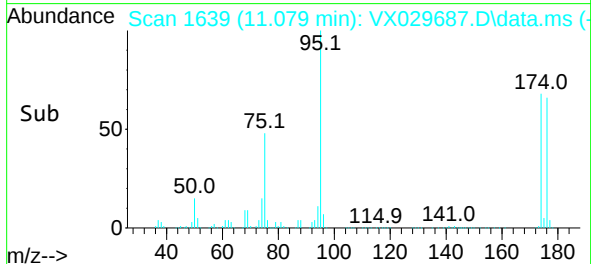
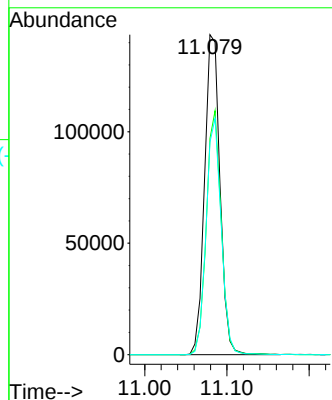
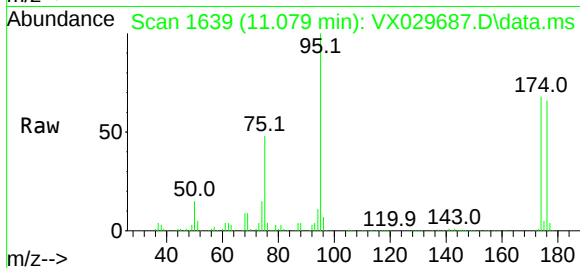
Tgt Ion: 95 Resp: 186983

Ion Ratio Lower Upper

95 100

174 73.6 0.0 163.0

176 72.2 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: VX029687.D

Acq: 22 Jun 2022 10:19

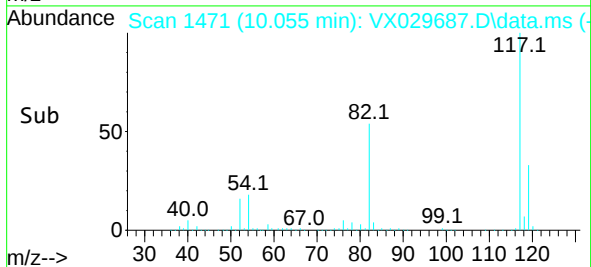
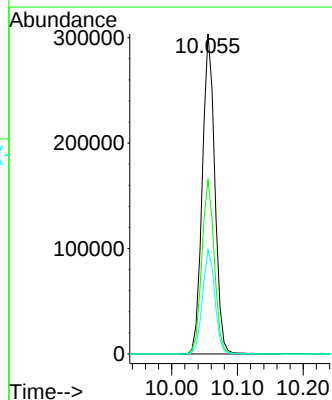
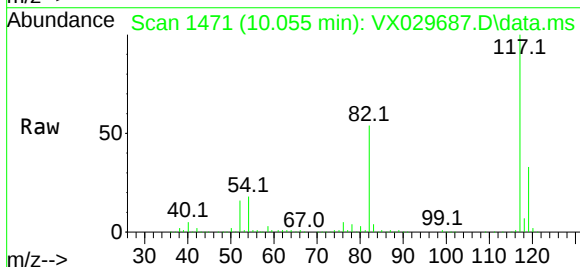
Tgt Ion: 117 Resp: 401852

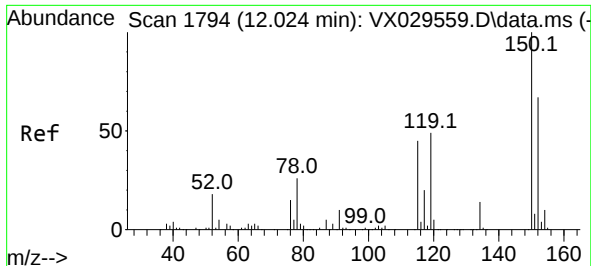
Ion Ratio Lower Upper

117 100

82 54.4 41.8 62.8

119 32.6 24.8 37.2

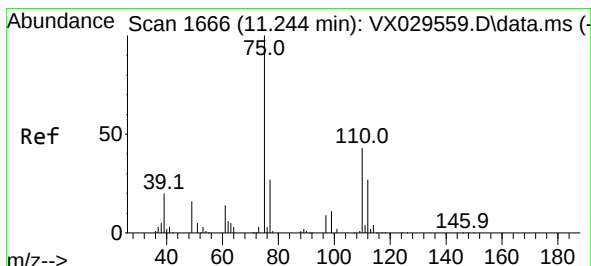
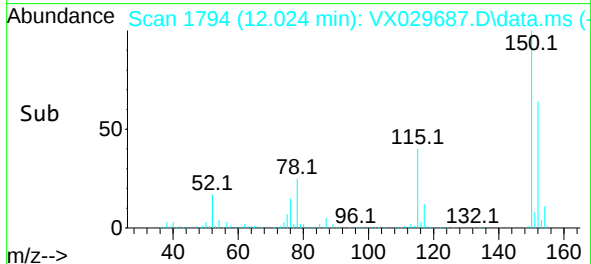
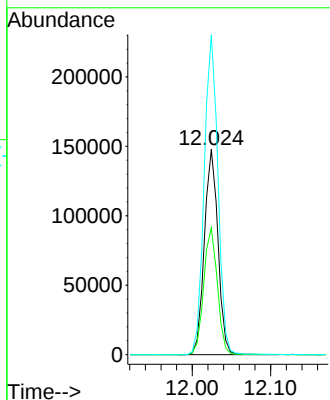
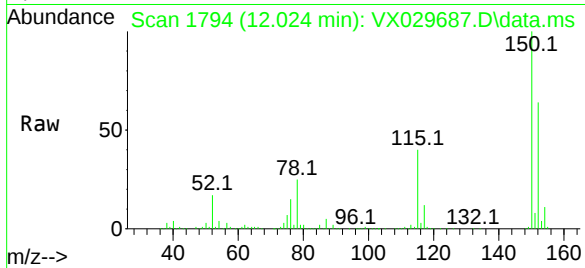




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029687.D
Acq: 22 Jun 2022 10:19

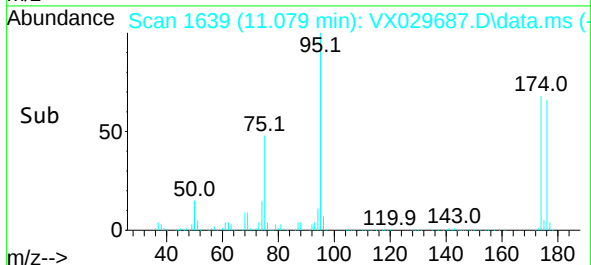
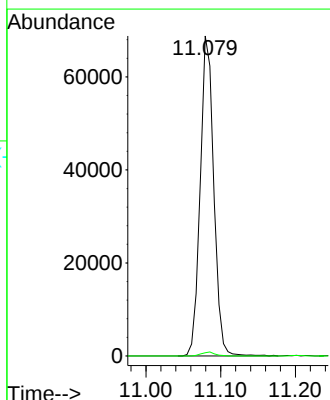
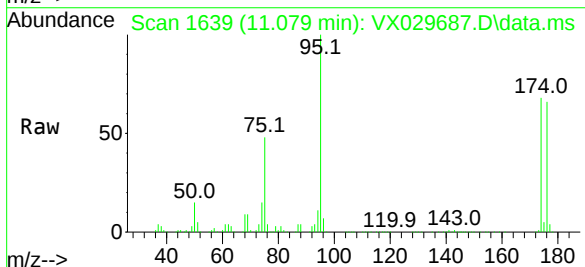
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBL01

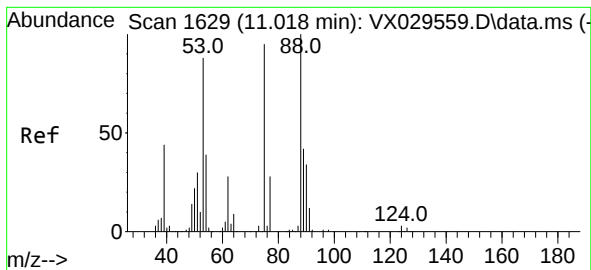
Tgt Ion:152 Resp: 177510
Ion Ratio Lower Upper
152 100
115 62.2 37.5 112.7
150 158.0 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 22.402 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029687.D
Acq: 22 Jun 2022 10:19

Tgt Ion: 75 Resp: 86631
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.527 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029687.D
 Acq: 22 Jun 2022 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBL01

Tgt Ion: 75 Resp: 86631
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

