

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060722\
 Data File : VX029277.D
 Acq On : 07 Jun 2022 13:48
 Operator : JC/MD
 Sample : VX0607WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBL01

Quant Time: Jun 08 01:23:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

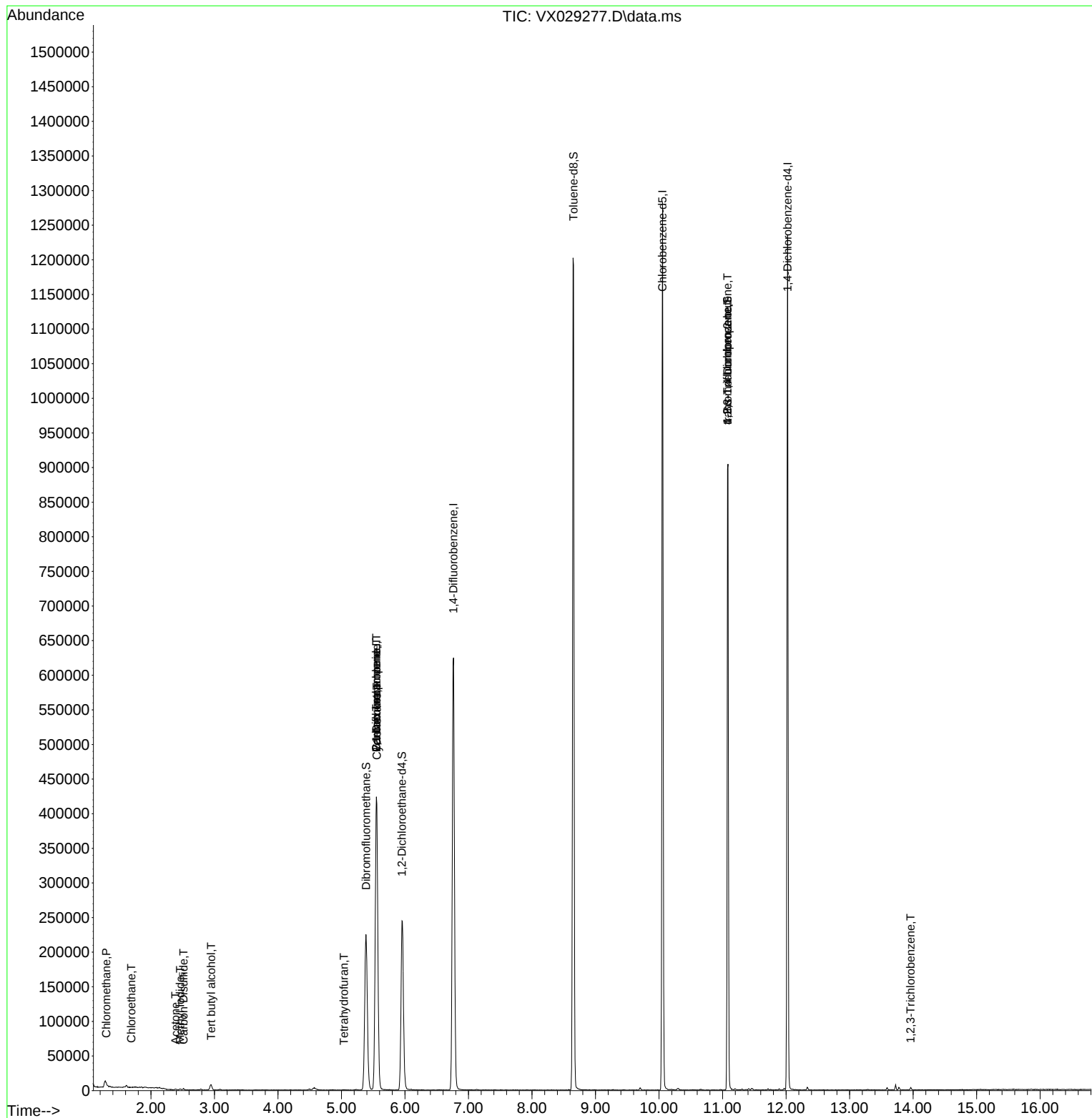
Internal Standards						
1) Pentafluorobenzene	5.550	168	399426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	664518	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	578023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	249149	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	236969	52.612	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.220%	
35) Dibromofluoromethane	5.385	113	199762	45.258	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 90.520%	
50) Toluene-d8	8.653	98	752371	46.606	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 93.220%	
62) 4-Bromofluorobenzene	11.079	95	266009	42.628	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 85.260%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1030	0.283	ug/l	91
5) Bromomethane	1.618	94	1269	Below Cal		97
6) Chloroethane	1.691	64	146	1.446	ug/l #	43
10) Methyl Iodide	2.459	142	1340	4.499	ug/l #	94
11) Tert butyl alcohol	2.947	59	5043	4.833	ug/l #	72
16) Acetone	2.386	43	902	0.509	ug/l #	87
17) Carbon Disulfide	2.514	76	2149	0.218	ug/l	96
29) Tetrahydrofuran	5.038	42	423	0.231	ug/l #	33
31) Cyclohexane	5.556	56	8043	1.374	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	31350	5.520	ug/l #	50
38) Carbon Tetrachloride	5.550	117	42578	6.560	ug/l #	15
44) Trichloroethene	7.123	130	383	Below Cal		43
76) 1,2,3-Trichloropropane	11.079	75	132265	26.188	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	132265	76.829	ug/l #	15
94) Hexachlorobutadiene	13.725	225	986	Below Cal		86
96) 1,2,3-Trichlorobenzene	13.963	180	1102	0.216	ug/l	85

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

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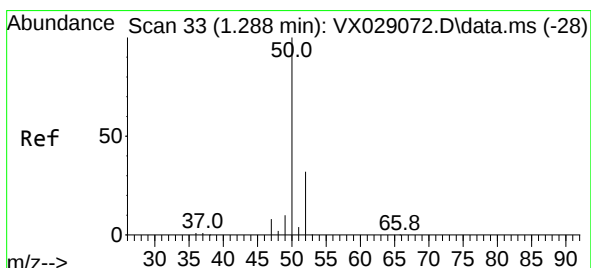
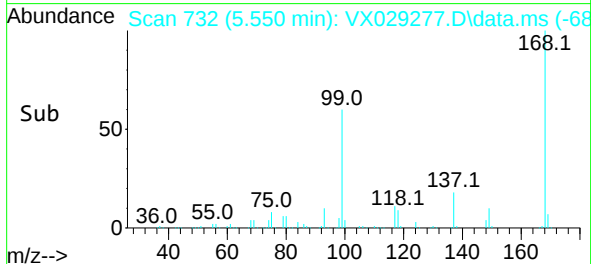
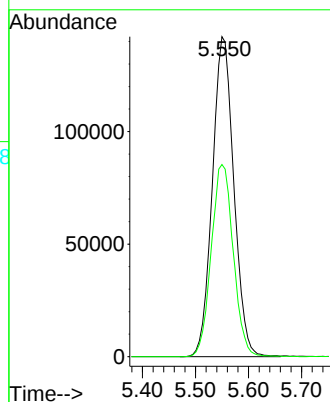
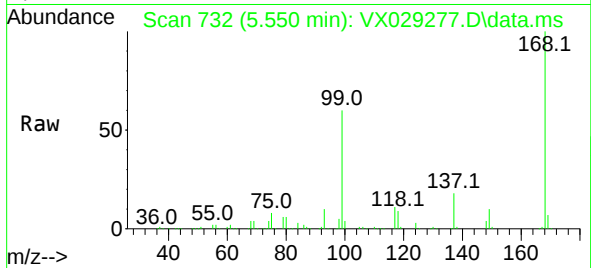




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX029277.D
Acq: 07 Jun 2022 13:48

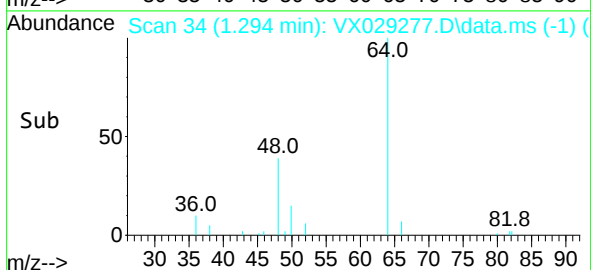
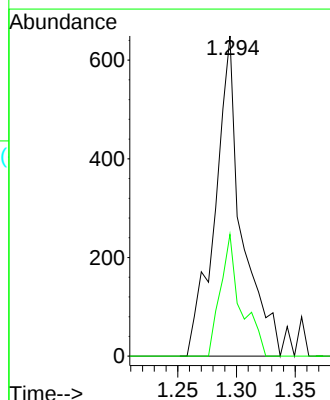
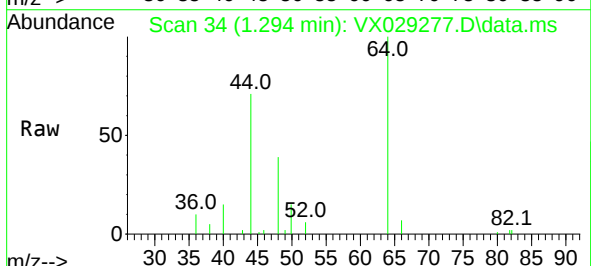
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBL01

Tgt Ion:168 Resp: 399426
Ion Ratio Lower Upper
168 100
99 60.1 41.7 62.5



#3
Chloromethane
Concen: 0.283 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029277.D
Acq: 07 Jun 2022 13:48

Tgt Ion: 50 Resp: 1030
Ion Ratio Lower Upper
50 100
52 38.1 26.4 39.6

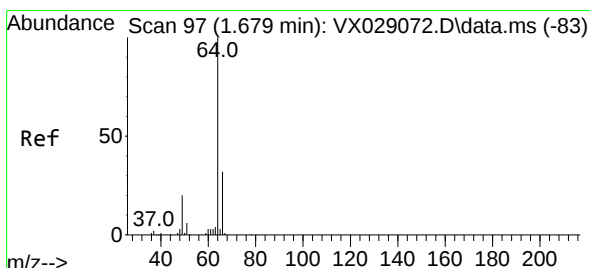
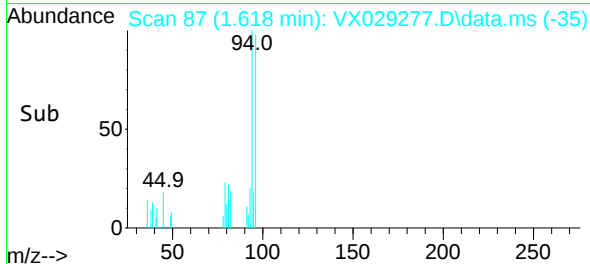
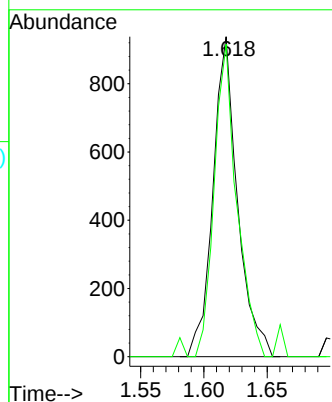
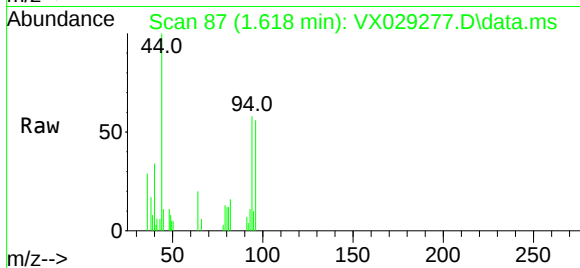




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX029277.D
Acq: 07 Jun 2022 13:48

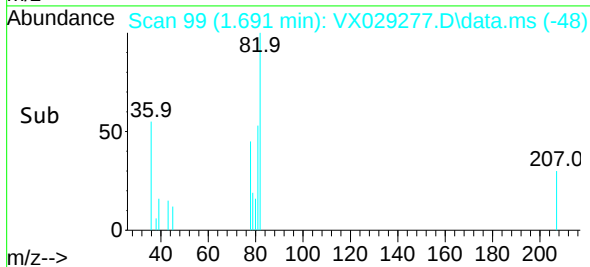
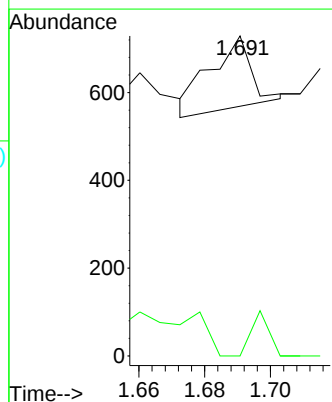
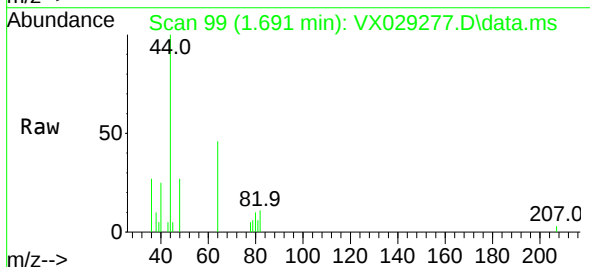
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBL01

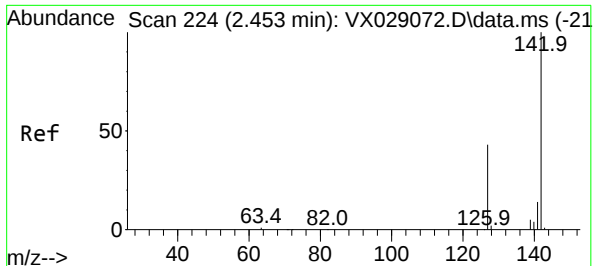
Tgt Ion: 94 Resp: 1269
Ion Ratio Lower Upper
94 100
96 91.7 75.3 112.9



#6
Chloroethane
Concen: 1.446 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX029277.D
Acq: 07 Jun 2022 13:48

Tgt Ion: 64 Resp: 146
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9

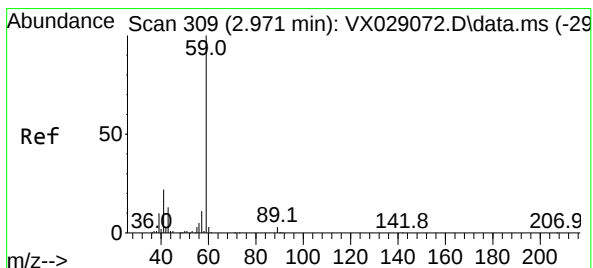
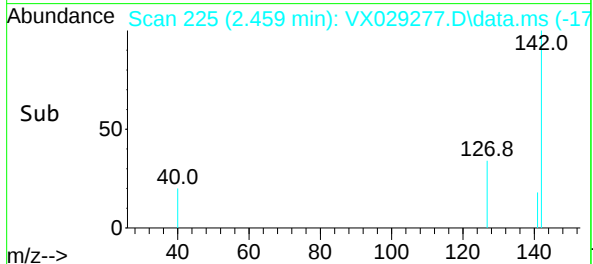
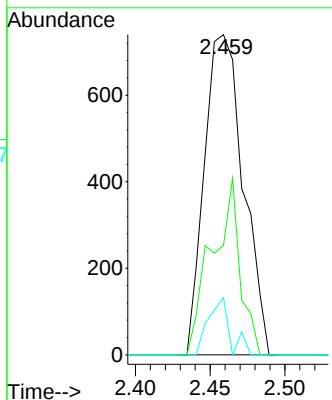
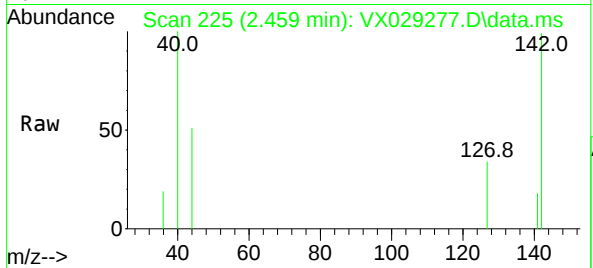




#10
Methyl Iodide
Concen: 4.499 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029277.D
Acq: 07 Jun 2022 13:48

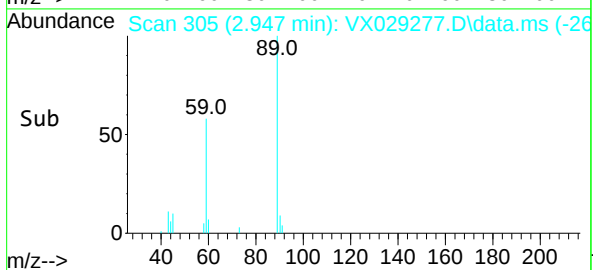
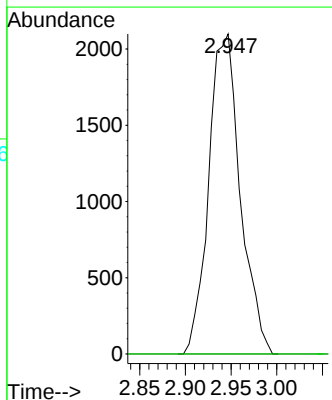
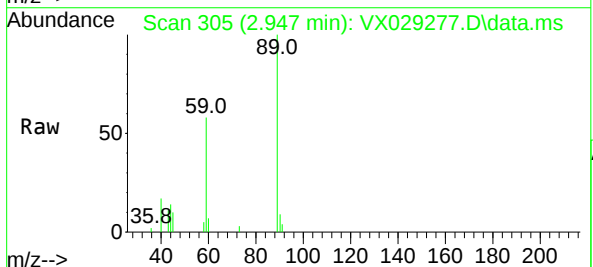
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBL01

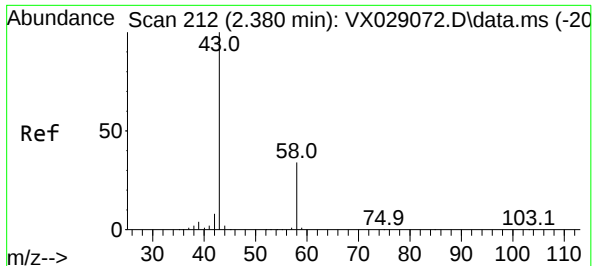
Tgt Ion:142 Resp: 1340
Ion Ratio Lower Upper
142 100
127 39.9 33.9 50.9
141 9.9 11.4 17.2#



#11
Tert butyl alcohol
Concen: 4.833 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.024 min
Lab File: VX029277.D
Acq: 07 Jun 2022 13:48

Tgt Ion: 59 Resp: 5043
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

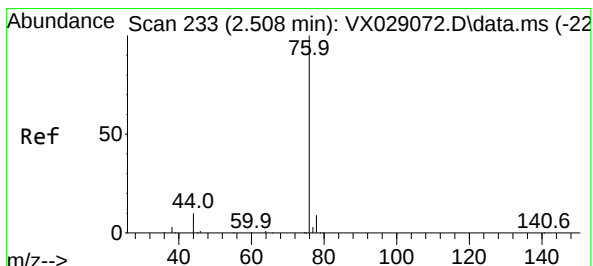
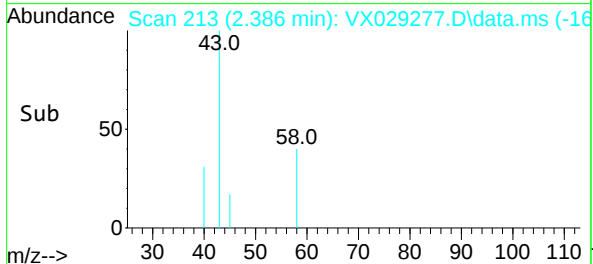
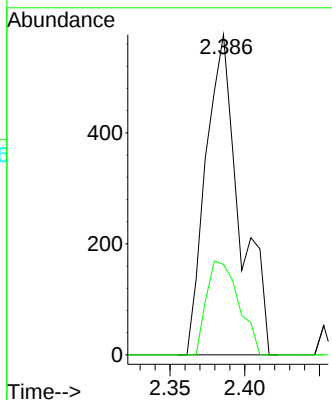
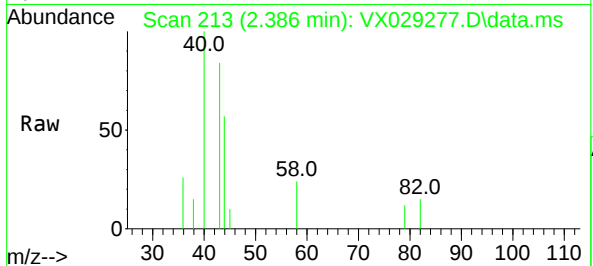




#16
Acetone
Concen: 0.509 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029277.D
Acq: 07 Jun 2022 13:48

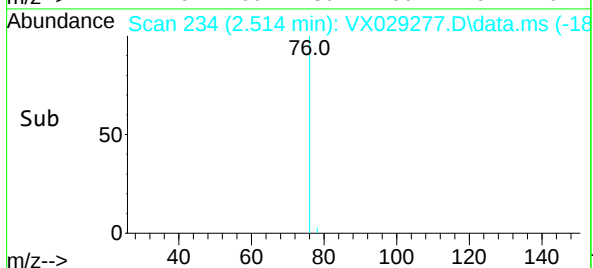
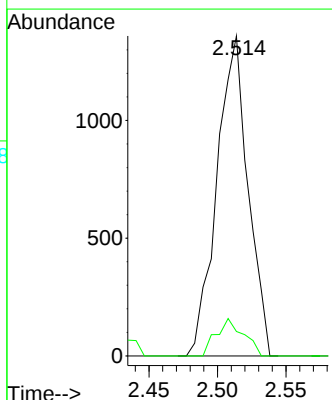
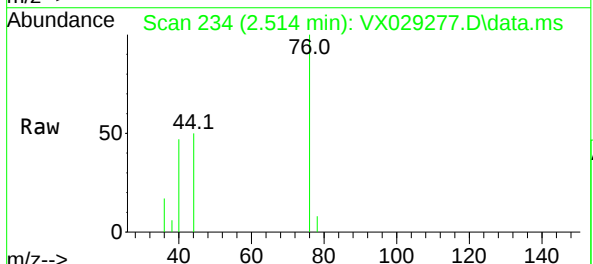
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBL01

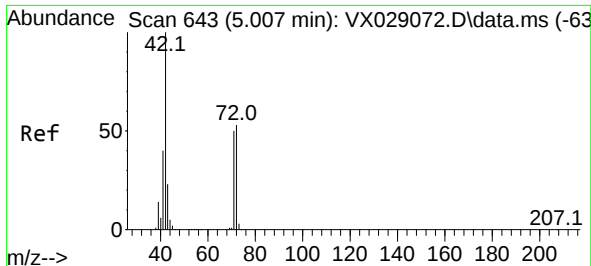
Tgt Ion: 43 Resp: 902
Ion Ratio Lower Upper
43 100
58 28.2 28.8 43.2#



#17
Carbon Disulfide
Concen: 0.218 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX029277.D
Acq: 07 Jun 2022 13:48

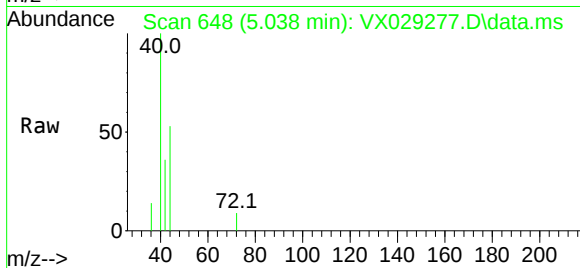
Tgt Ion: 76 Resp: 2149
Ion Ratio Lower Upper
76 100
78 7.7 7.2 10.8



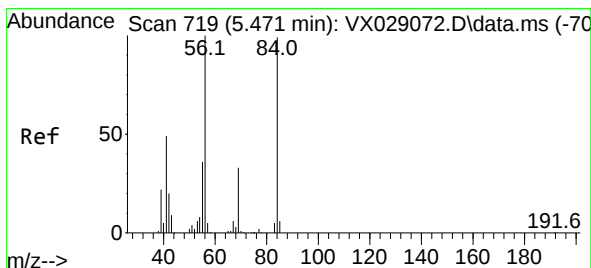
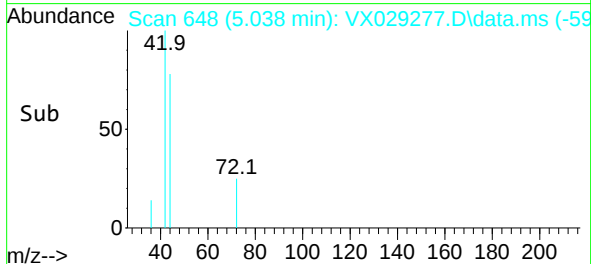
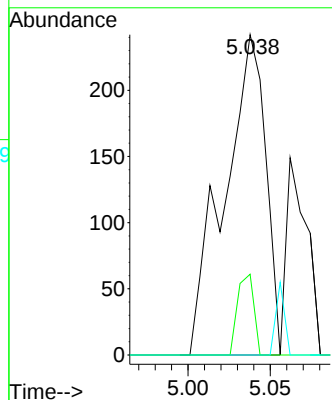


#29
Tetrahydrofuran
Concen: 0.231 ug/l
RT: 5.038 min Scan# 643
Delta R.T. 0.031 min
Lab File: VX029277.D
Acq: 07 Jun 2022 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBL01

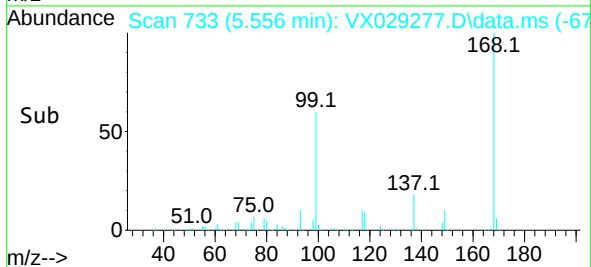
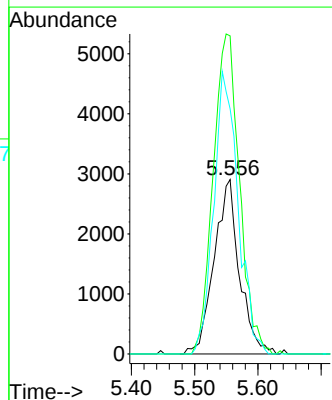
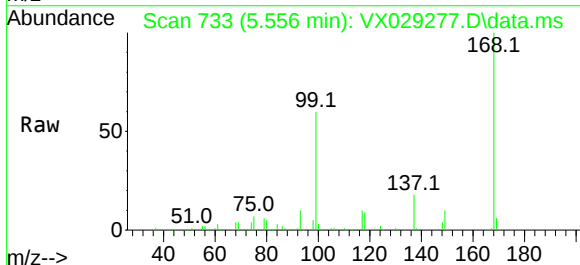


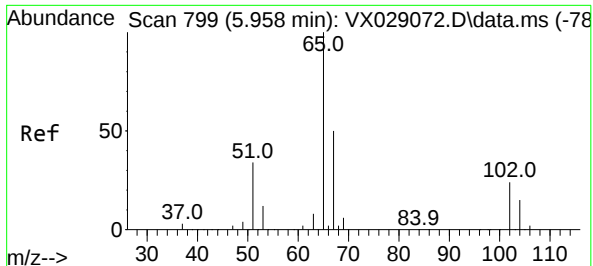
Tgt Ion: 42 Resp: 423
Ion Ratio Lower Upper
42 100
72 9.9 44.1 66.1#
71 0.0 40.5 60.7#



#31
Cyclohexane
Concen: 1.374 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX029277.D
Acq: 07 Jun 2022 13:48

Tgt Ion: 56 Resp: 8043
Ion Ratio Lower Upper
56 100
69 182.4 26.7 40.1#
84 140.5 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 52.612 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX029277.D

Acq: 07 Jun 2022 13:48

Instrument :

MSVOA_X

ClientSampleId :

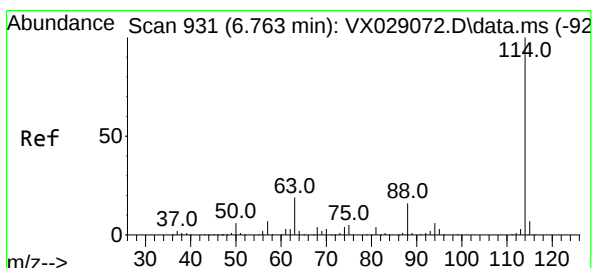
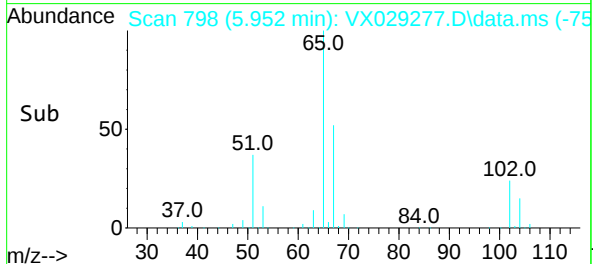
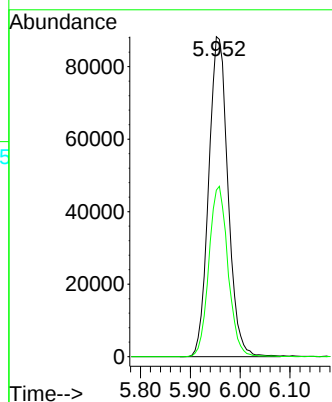
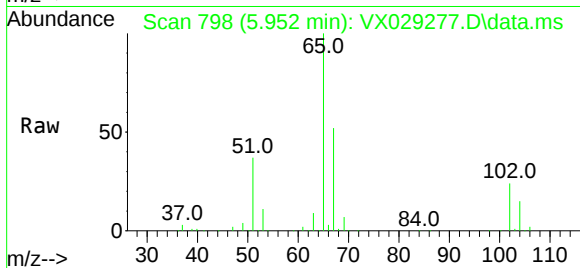
VX0607WBL01

Tgt Ion: 65 Resp: 236969

Ion Ratio Lower Upper

65 100

67 52.8 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: VX029277.D

Acq: 07 Jun 2022 13:48

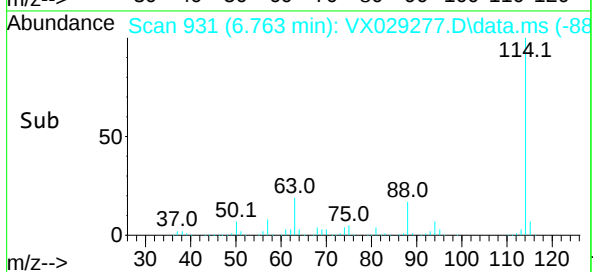
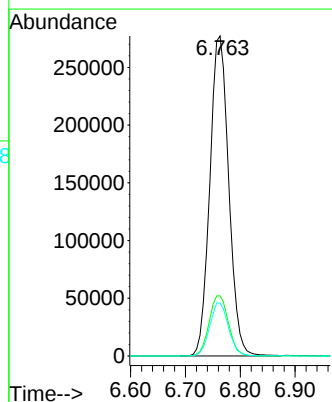
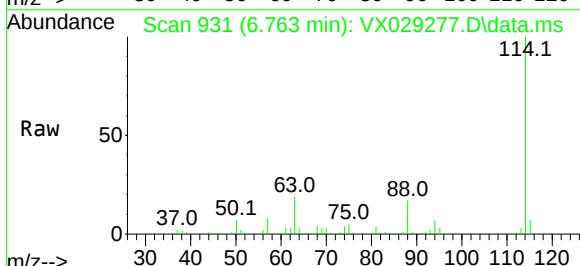
Tgt Ion: 114 Resp: 664518

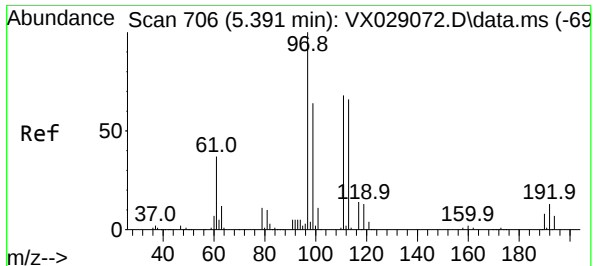
Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.8

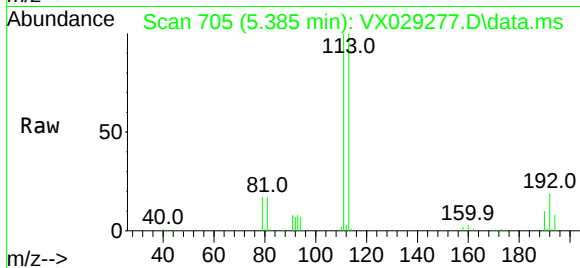
88 16.6 0.0 32.4



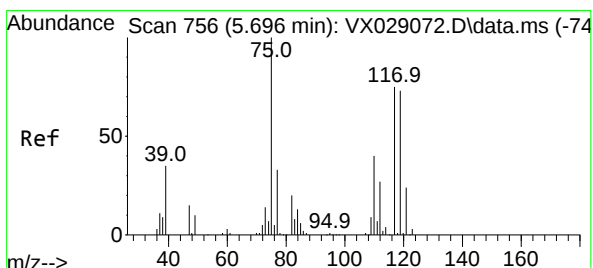
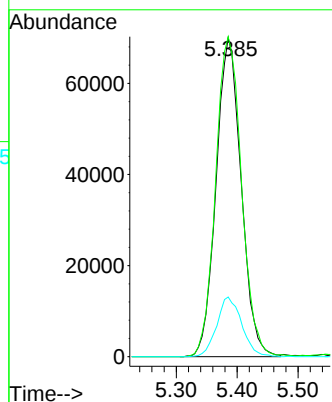
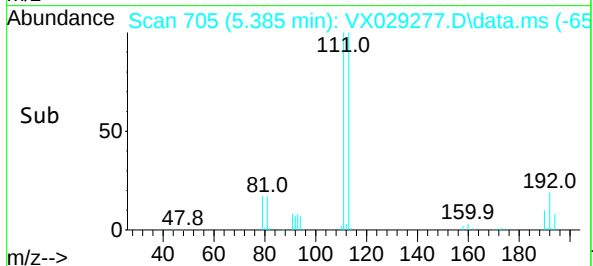


#35
Dibromofluoromethane
Concen: 45.258 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX029277.D
Acq: 07 Jun 2022 13:48

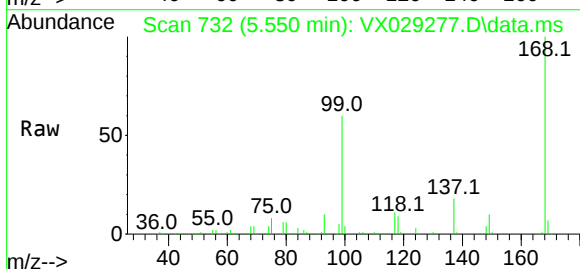
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBL01



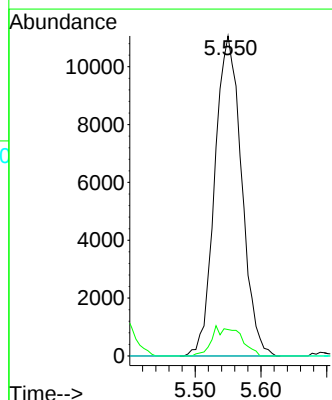
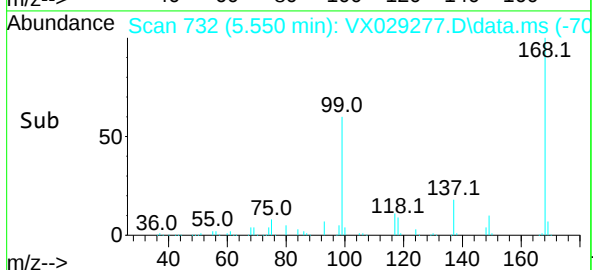
Tgt Ion:113 Resp: 199762
Ion Ratio Lower Upper
113 100
111 103.8 82.8 124.2
192 18.7 16.9 25.3

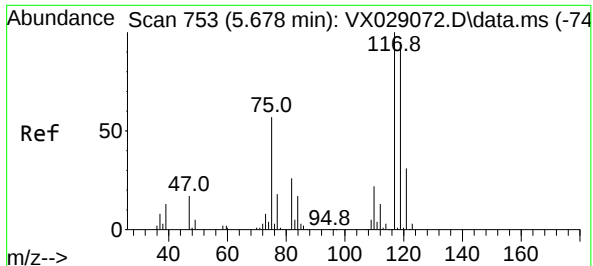


#36
1,1-Dichloropropene
Concen: 5.520 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX029277.D
Acq: 07 Jun 2022 13:48



Tgt Ion: 75 Resp: 31350
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 24.8 37.2#

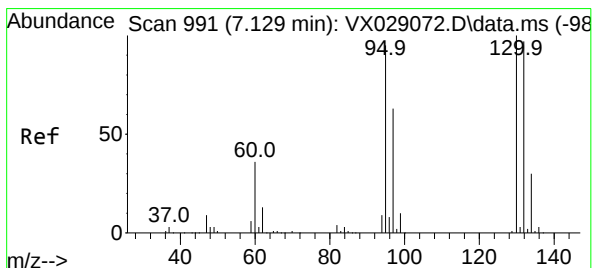
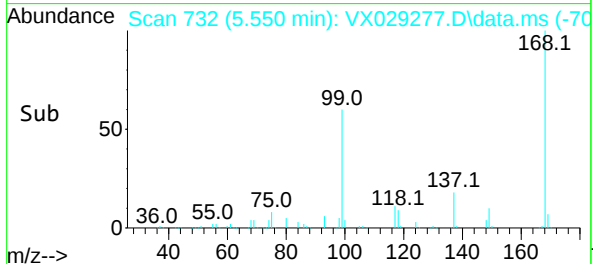
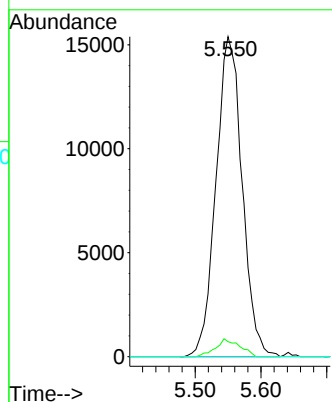
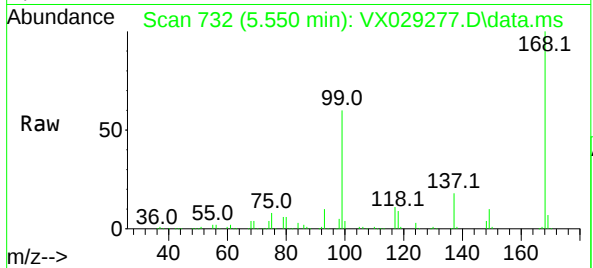




#38
Carbon Tetrachloride
Concen: 6.560 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029277.D
Acq: 07 Jun 2022 13:48

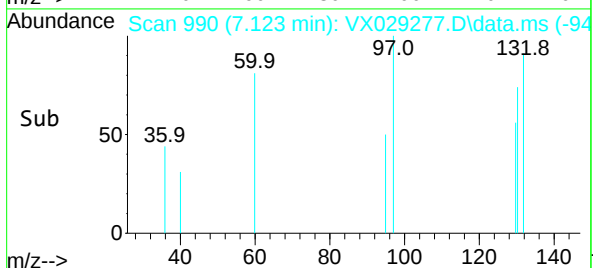
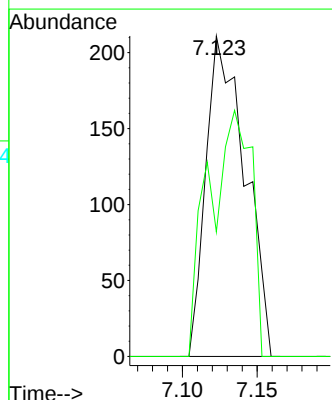
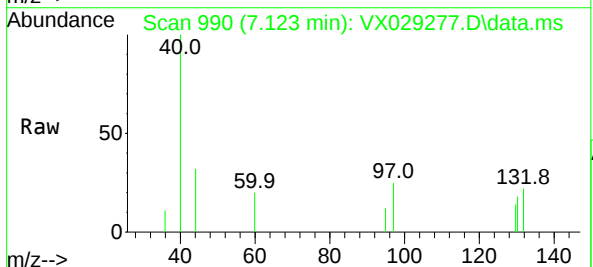
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBL01

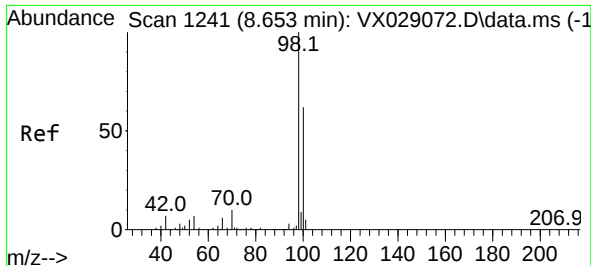
Tgt Ion:117 Resp: 42578
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX029277.D
Acq: 07 Jun 2022 13:48

Tgt Ion:130 Resp: 383
Ion Ratio Lower Upper
130 100
95 38.9 0.0 188.8

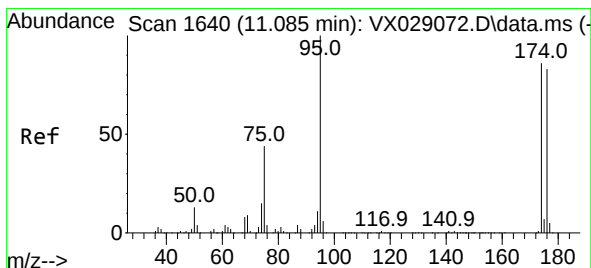
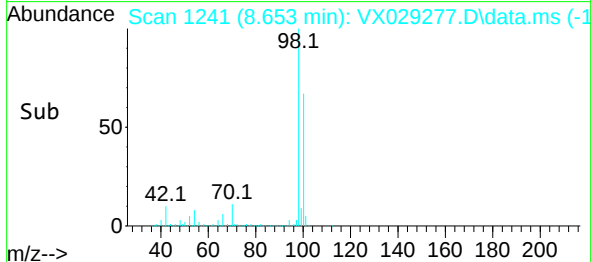
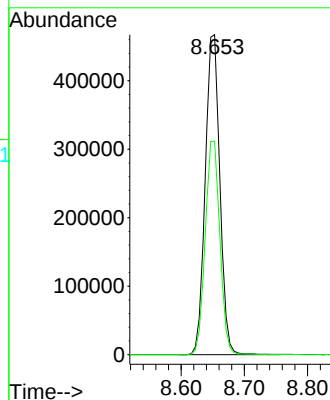
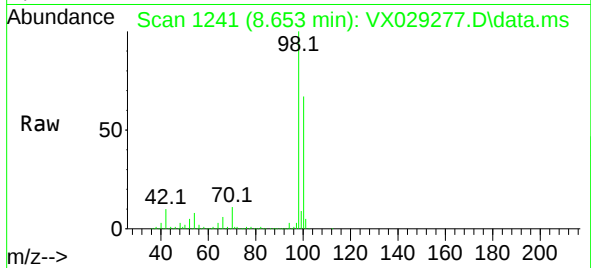




#50
Toluene-d8
Concen: 46.606 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029277.D
Acq: 07 Jun 2022 13:48

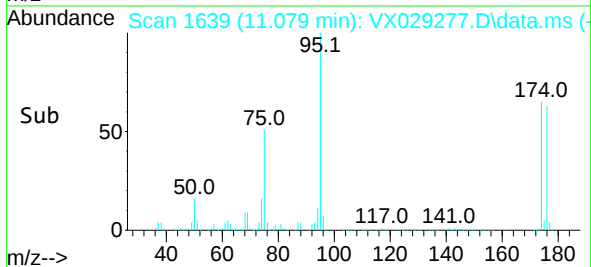
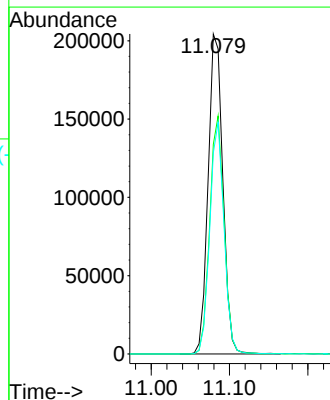
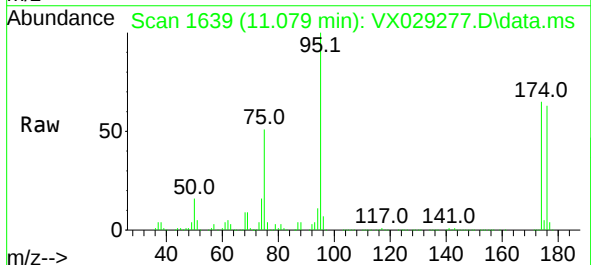
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBL01

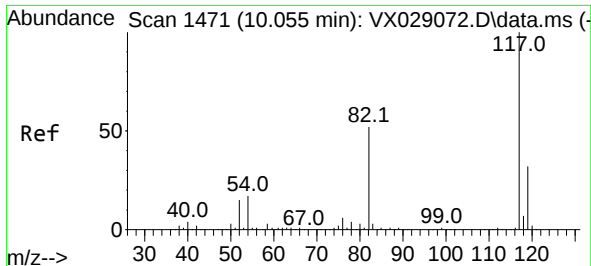
Tgt Ion: 98 Resp: 752371
Ion Ratio Lower Upper
98 100
100 67.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 42.628 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029277.D
Acq: 07 Jun 2022 13:48

Tgt Ion: 95 Resp: 266009
Ion Ratio Lower Upper
95 100
174 72.7 0.0 163.0
176 69.7 0.0 155.0

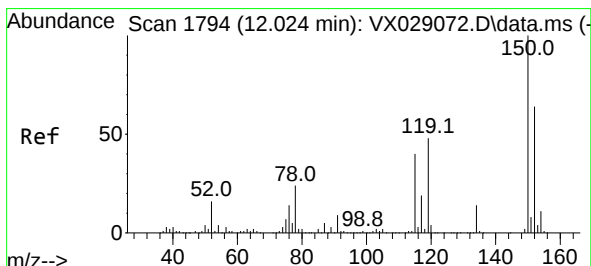
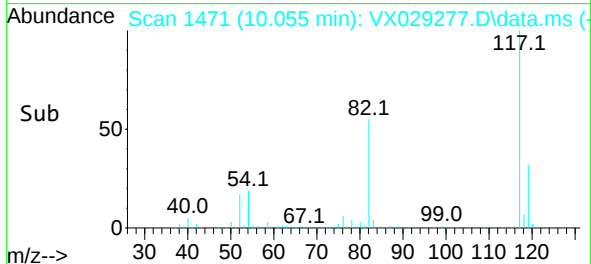
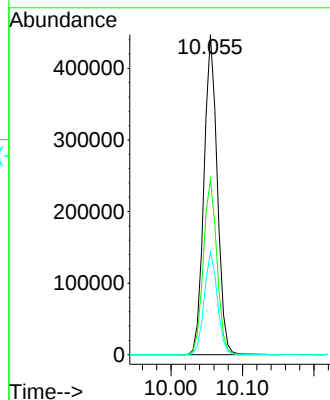
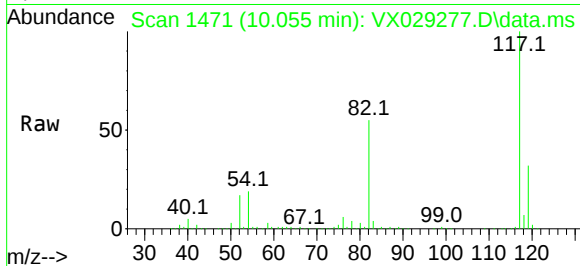




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029277.D
Acq: 07 Jun 2022 13:48

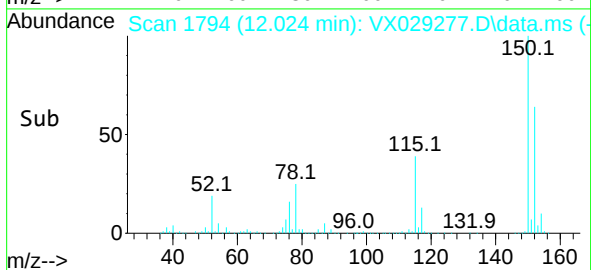
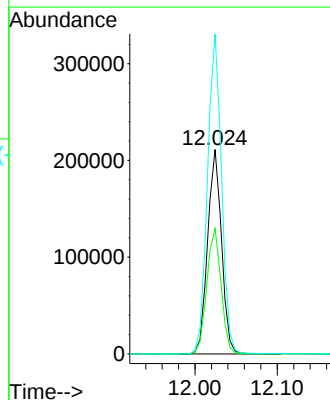
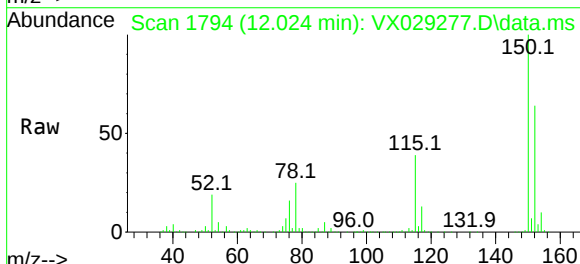
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBL01

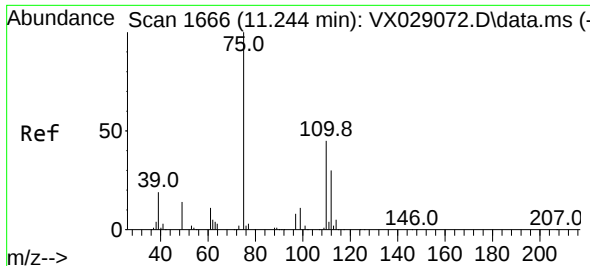
Tgt Ion:117 Resp: 578023
Ion Ratio Lower Upper
117 100
82 54.7 41.8 62.8
119 32.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029277.D
Acq: 07 Jun 2022 13:48

Tgt Ion:152 Resp: 249149
Ion Ratio Lower Upper
152 100
115 63.0 37.5 112.7
150 157.8 0.0 338.2

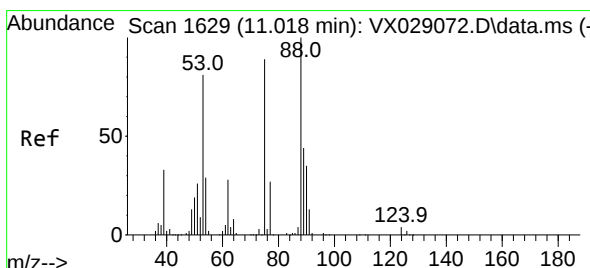
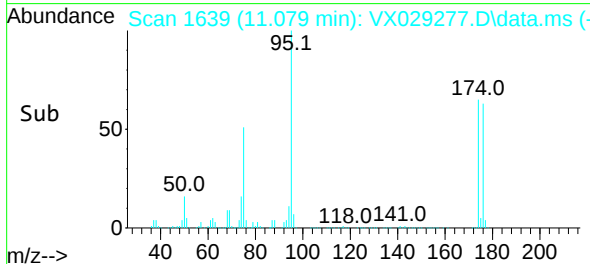
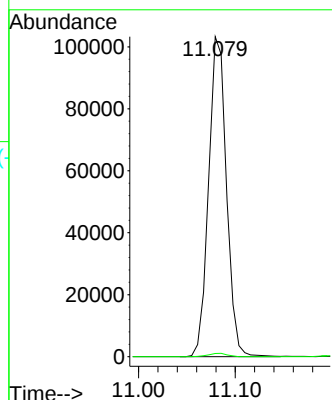
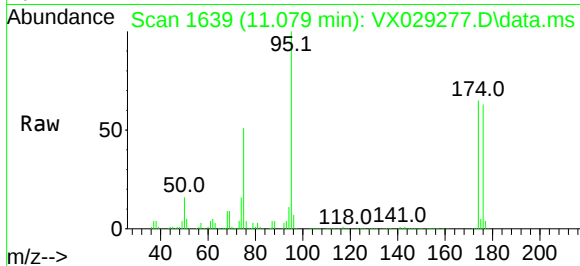




#76
1,2,3-Trichloropropane
Concen: 26.188 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029277.D
Acq: 07 Jun 2022 13:48

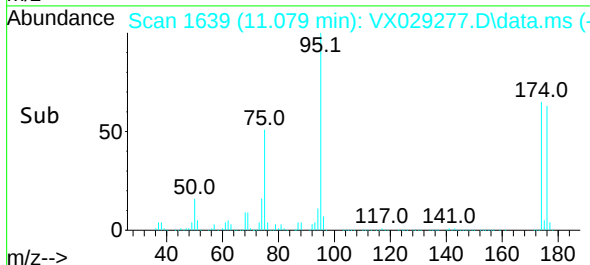
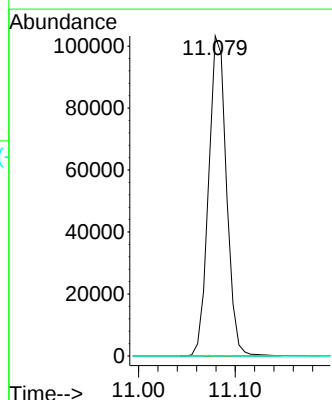
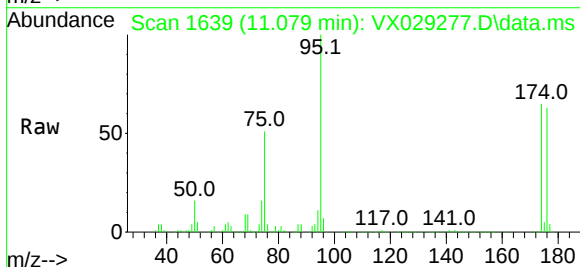
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBL01

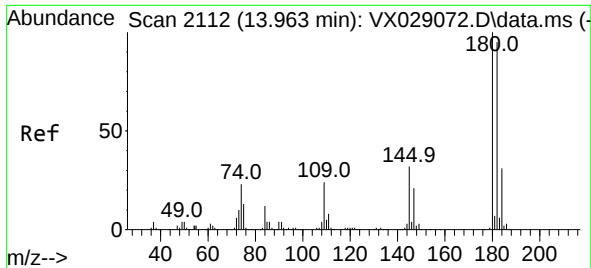
Tgt Ion: 75 Resp: 132265
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.829 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029277.D
Acq: 07 Jun 2022 13:48

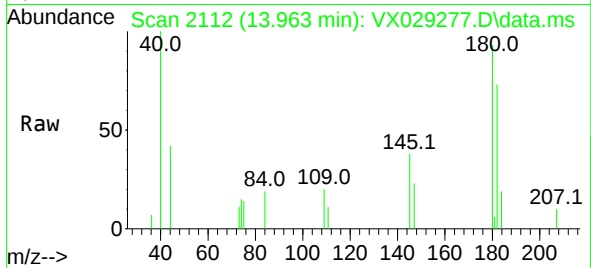
Tgt Ion: 75 Resp: 132265
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.216 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX029277.D
 Acq: 07 Jun 2022 13:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBL01



Tgt Ion:	180	Resp:	1102
Ion	Ratio	Lower	Upper
180	100		
182	85.0	50.0	149.8
145	41.7	16.2	48.5

