

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053122\
 Data File : VX029087.D
 Acq On : 31 May 2022 20:25
 Operator : JC/MD
 Sample : N3103-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Jun 01 05:00:42 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)

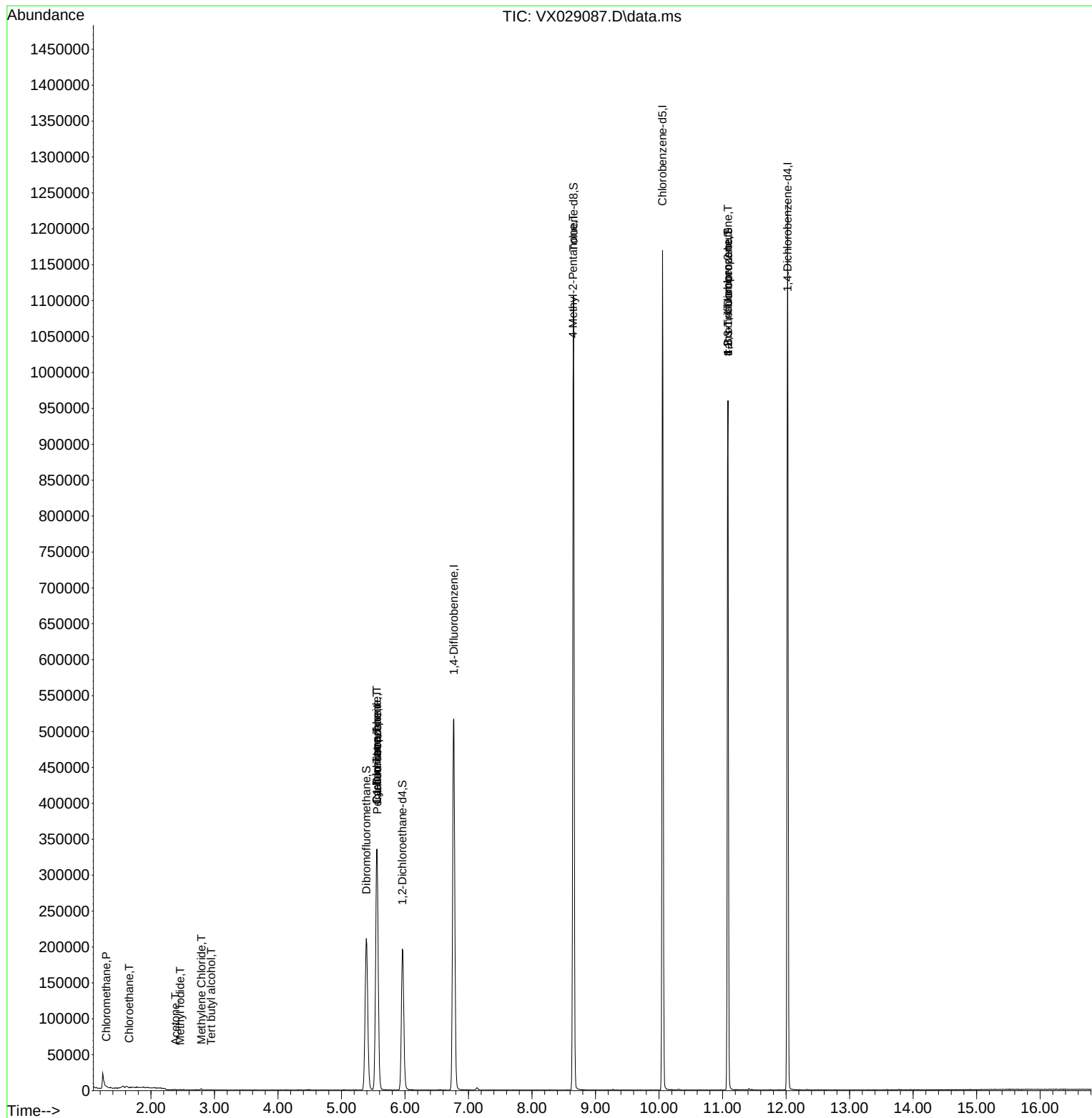
Internal Standards						
1) Pentafluorobenzene	5.562	168	337667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	577759	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	557206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	267387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	191455	50.281	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.560%	
35) Dibromofluoromethane	5.391	113	189466	49.371	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.740%	
50) Toluene-d8	8.653	98	670486	47.770	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 95.540%	
62) 4-Bromofluorobenzene	11.085	95	263284	48.527	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.060%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	654	0.213	ug/l	90
5) Bromomethane	1.611	94	920	Below Cal	#	80
6) Chloroethane	1.654	64	166	1.460	ug/l #	46
10) Methyl Iodide	2.459	142	760	4.409	ug/l #	84
11) Tert butyl alcohol	2.947	59	178	0.202	ug/l #	72
16) Acetone	2.386	43	810	0.540	ug/l	97
20) Methylene Chloride	2.794	84	846	0.242	ug/l #	74
31) Cyclohexane	5.556	56	5586	1.128	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	22940	4.646	ug/l #	50
38) Carbon Tetrachloride	5.556	117	32135	5.695	ug/l #	16
44) Trichloroethene	7.129	130	1546	Below Cal		77
51) 4-Methyl-2-Pentanone	8.647	43	2112	0.424	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	122812	22.657	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	122812	66.472	ug/l #	15
94) Hexachlorobutadiene	13.731	225	50	Below Cal	#	41

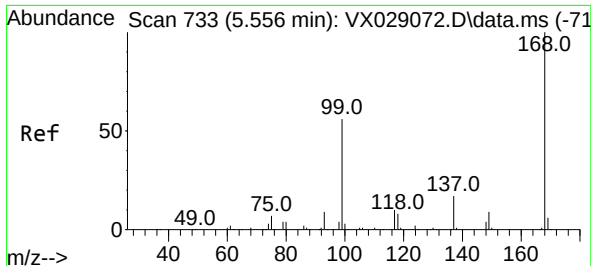
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053122\
Data File : VX029087.D
Acq On : 31 May 2022 20:25
Operator : JC/MD
Sample : N3103-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Jun 01 05:00:42 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

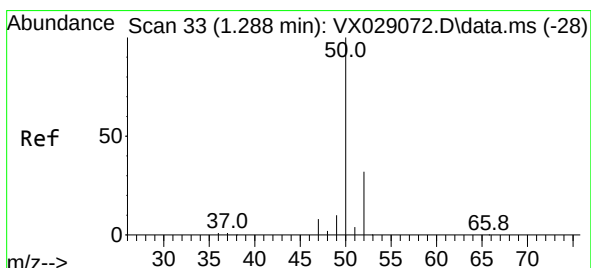
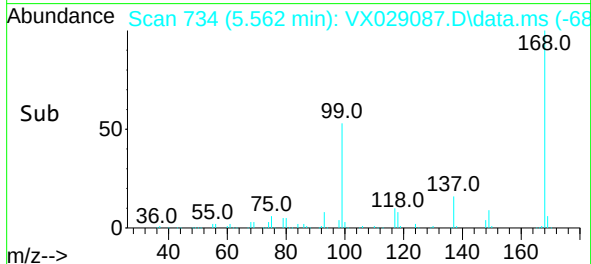
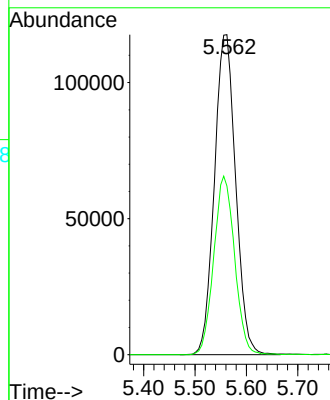
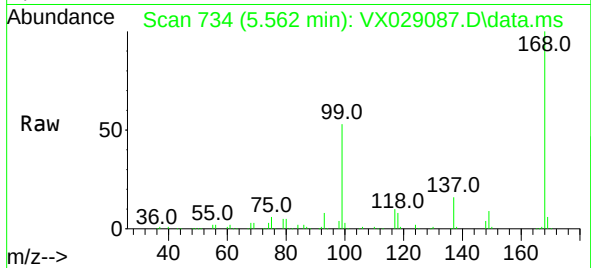




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX029087.D
Acq: 31 May 2022 20:25

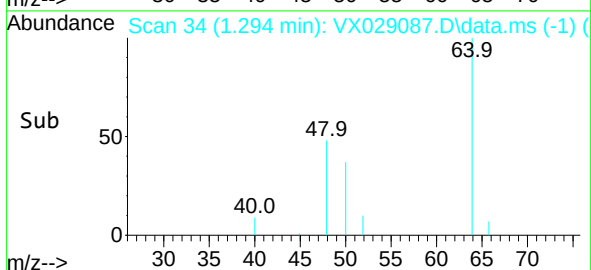
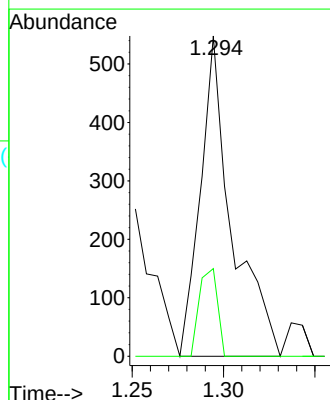
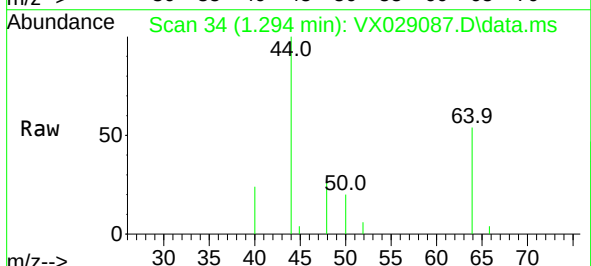
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

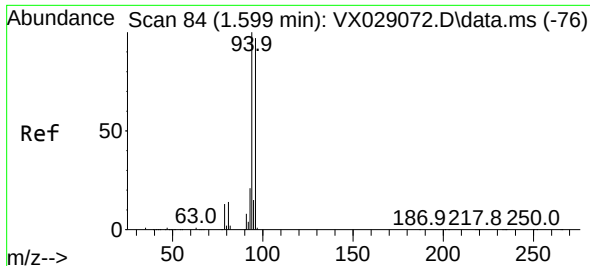
Tgt Ion:168 Resp: 337667
Ion Ratio Lower Upper
168 100
99 52.7 41.7 62.5



#3
Chloromethane
Concen: 0.213 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029087.D
Acq: 31 May 2022 20:25

Tgt Ion: 50 Resp: 654
Ion Ratio Lower Upper
50 100
52 27.4 26.4 39.6

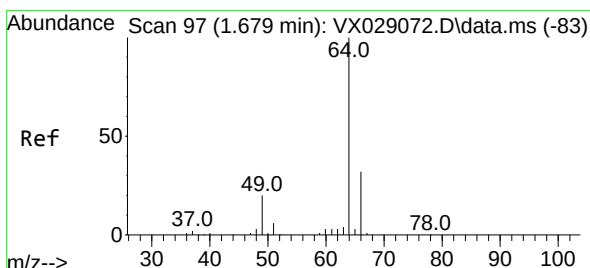
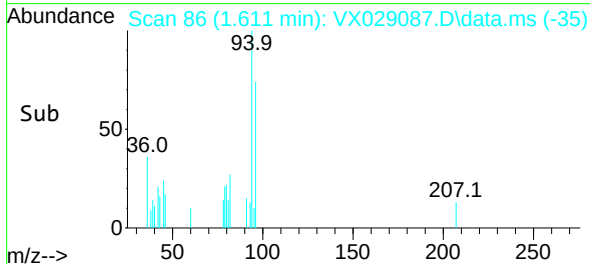
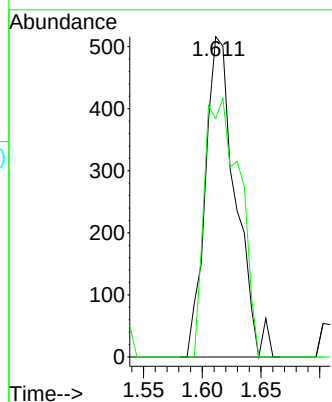
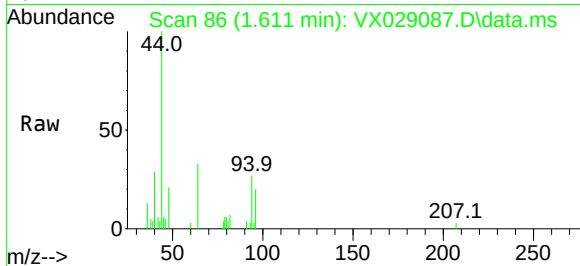




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX029087.D
Acq: 31 May 2022 20:25

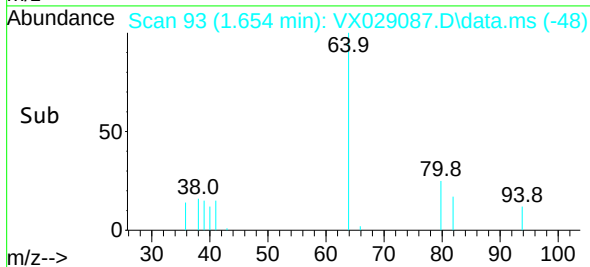
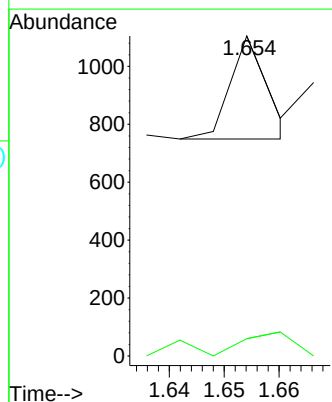
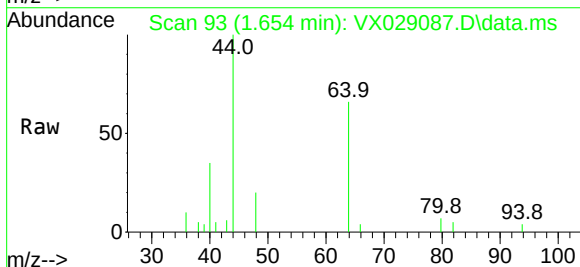
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

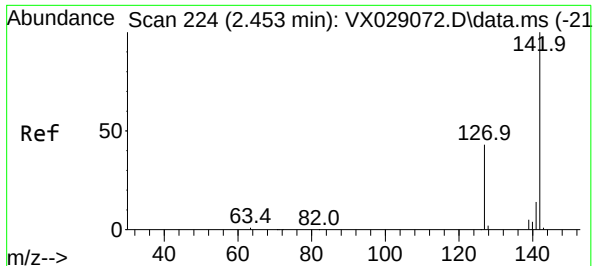
Tgt Ion: 94 Resp: 920
Ion Ratio Lower Upper
94 100
96 74.4 75.3 112.9#



#6
Chloroethane
Concen: 1.460 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.025 min
Lab File: VX029087.D
Acq: 31 May 2022 20:25

Tgt Ion: 64 Resp: 166
Ion Ratio Lower Upper
64 100
66 1.4 25.3 37.9#

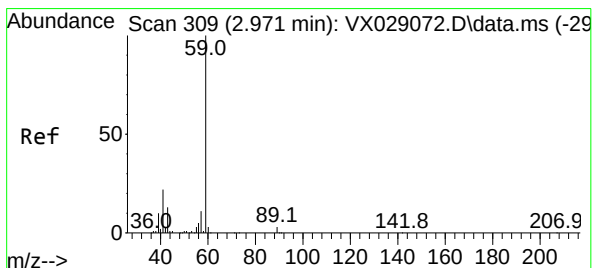
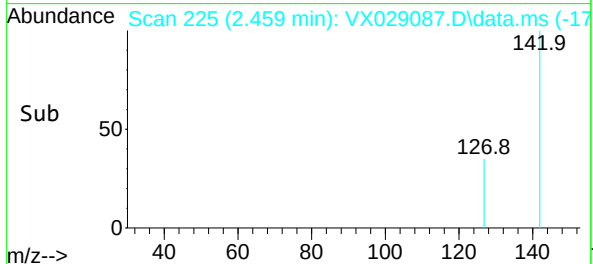
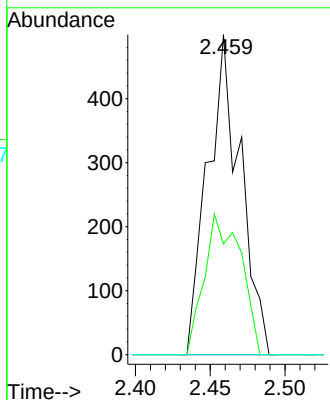
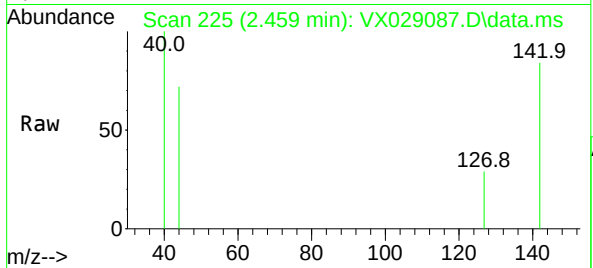




#10
Methyl Iodide
Concen: 4.409 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029087.D
Acq: 31 May 2022 20:25

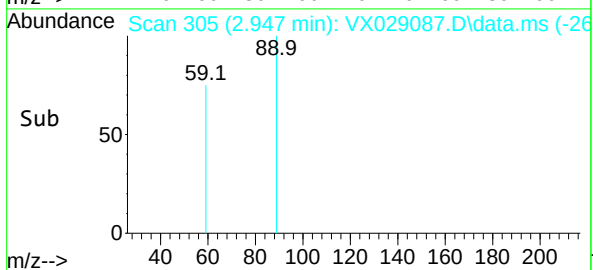
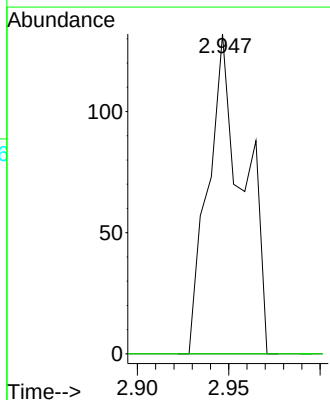
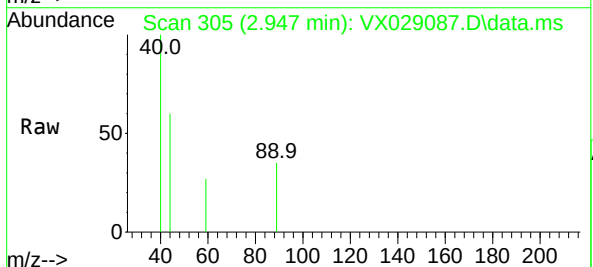
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

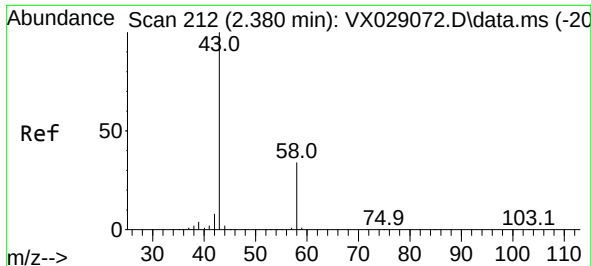
Tgt Ion:142 Resp: 760
Ion Ratio Lower Upper
142 100
127 48.8 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 0.202 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.024 min
Lab File: VX029087.D
Acq: 31 May 2022 20:25

Tgt Ion: 59 Resp: 178
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

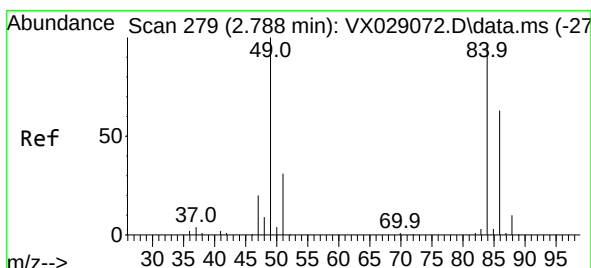
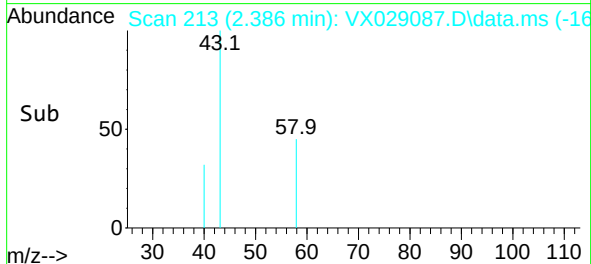
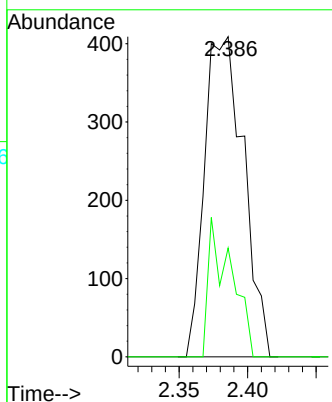
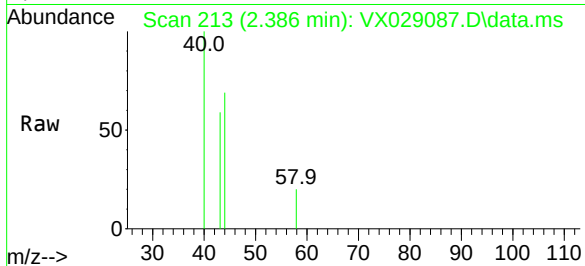




#16
Acetone
Concen: 0.540 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029087.D
Acq: 31 May 2022 20:25

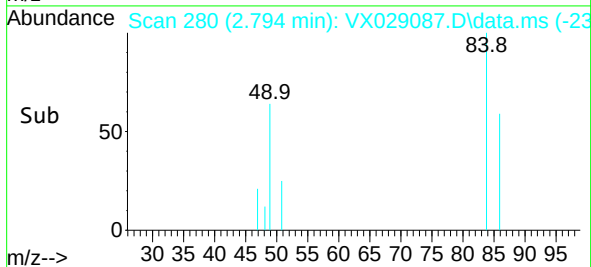
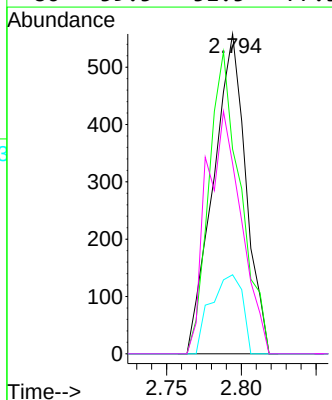
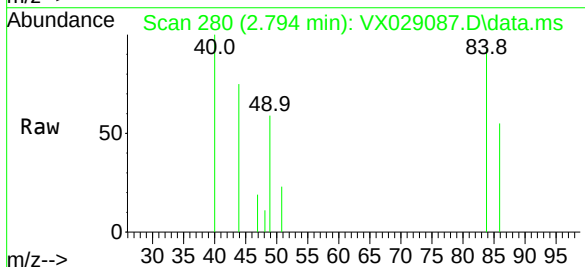
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

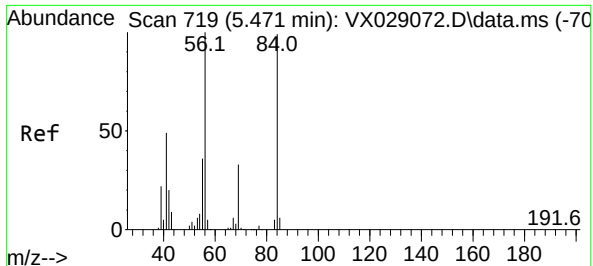
Tgt Ion: 43 Resp: 810
Ion Ratio Lower Upper
43 100
58 34.0 28.8 43.2



#20
Methylene Chloride
Concen: 0.242 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX029087.D
Acq: 31 May 2022 20:25

Tgt Ion: 84 Resp: 846
Ion Ratio Lower Upper
84 100
49 64.0 85.5 128.3#
51 24.7 26.6 39.8#
86 59.5 51.5 77.3

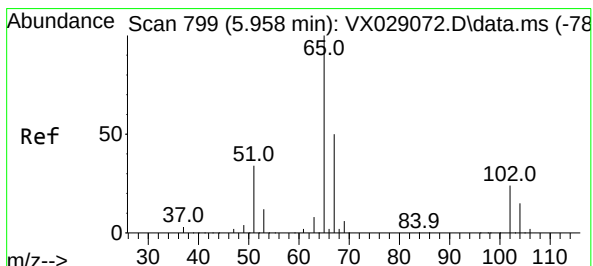
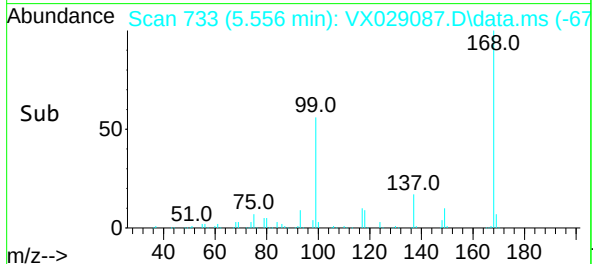
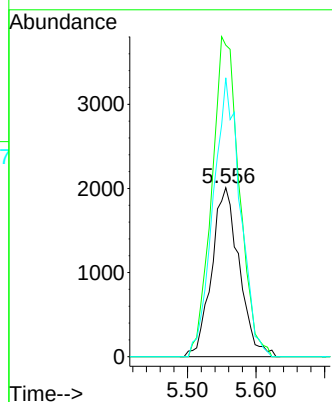
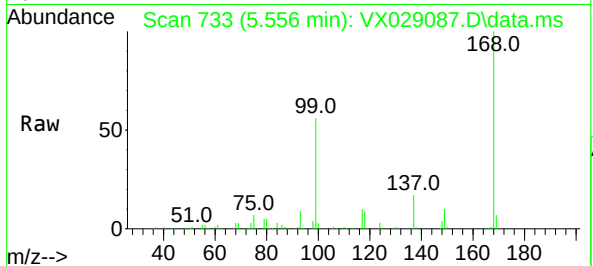




#31
Cyclohexane
Concen: 1.128 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX029087.D
Acq: 31 May 2022 20:25

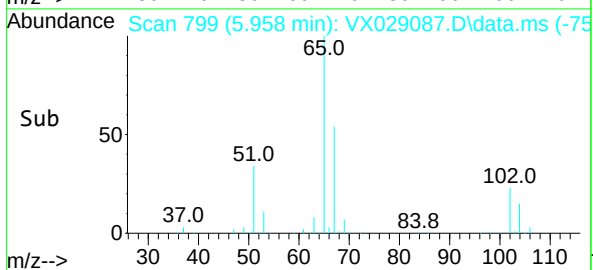
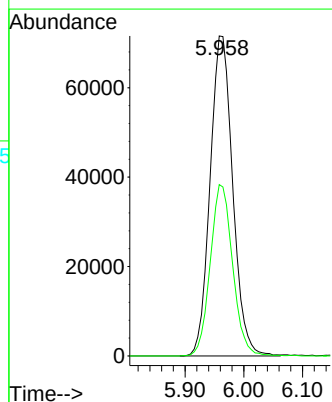
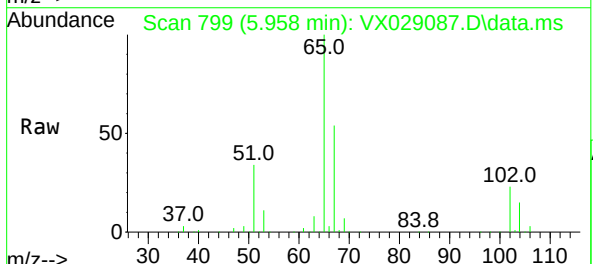
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

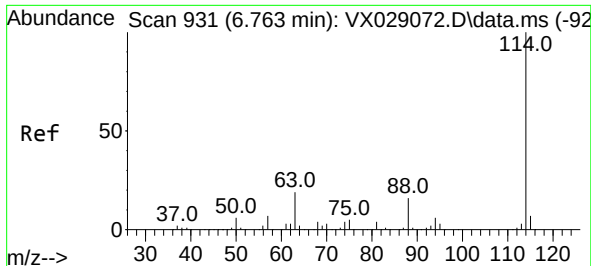
Tgt Ion: 56 Resp: 5586
Ion Ratio Lower Upper
56 100
69 184.4 26.7 40.1#
84 165.1 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 50.281 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029087.D
Acq: 31 May 2022 20:25

Tgt Ion: 65 Resp: 191455
Ion Ratio Lower Upper
65 100
67 53.0 0.0 107.4

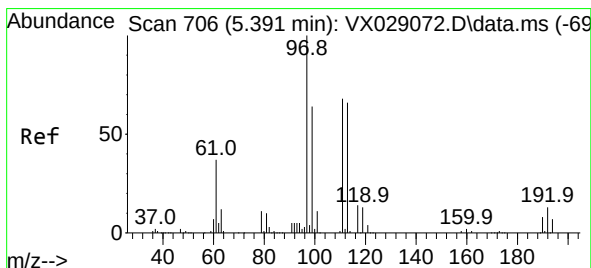
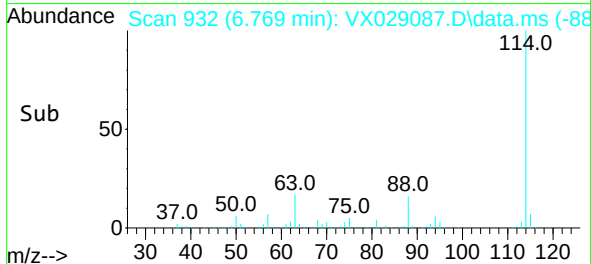
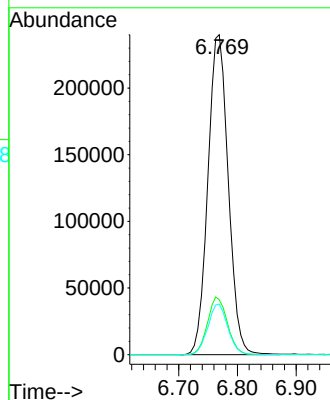
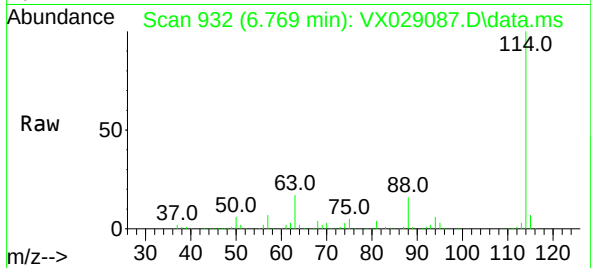




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX029087.D
Acq: 31 May 2022 20:25

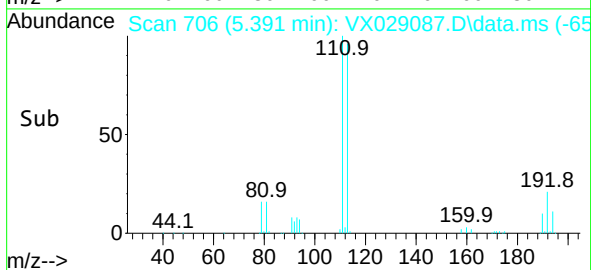
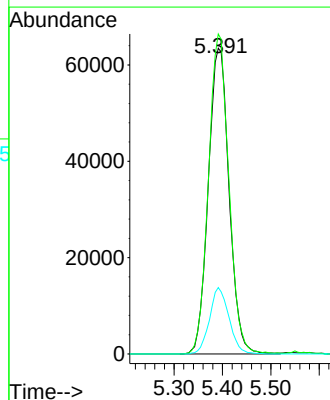
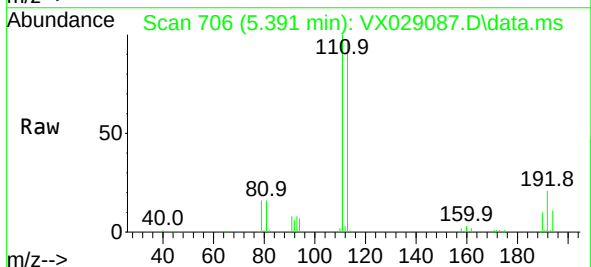
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

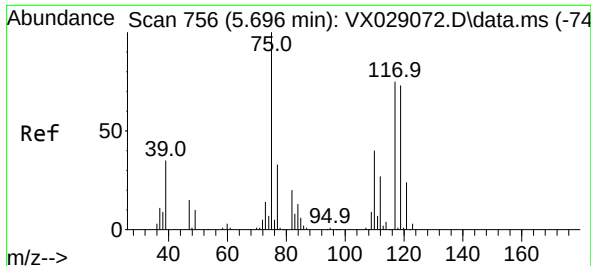
Tgt Ion:114 Resp: 577759
Ion Ratio Lower Upper
114 100
63 17.1 0.0 36.8
88 15.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.371 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029087.D
Acq: 31 May 2022 20:25

Tgt Ion:113 Resp: 189466
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 20.4 16.9 25.3

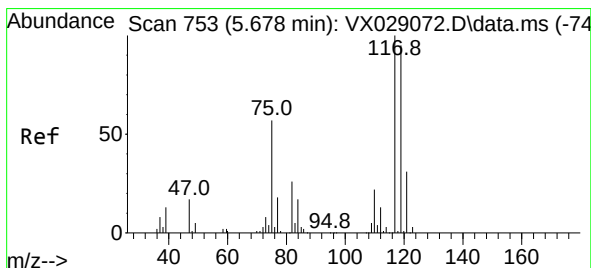
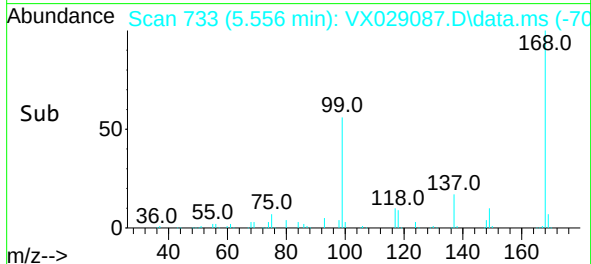
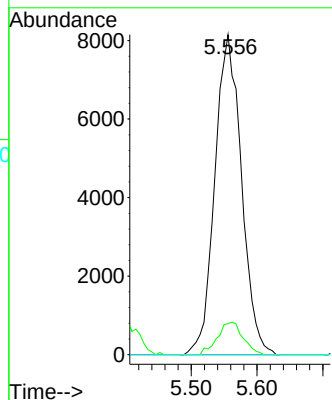
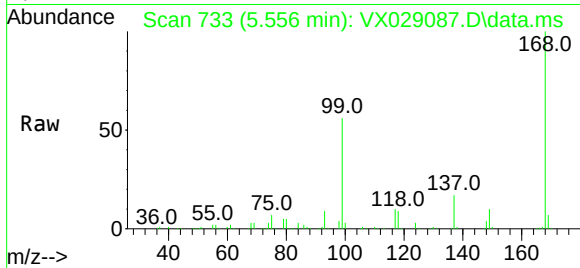




#36
1,1-Dichloropropene
Concen: 4.646 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX029087.D
Acq: 31 May 2022 20:25

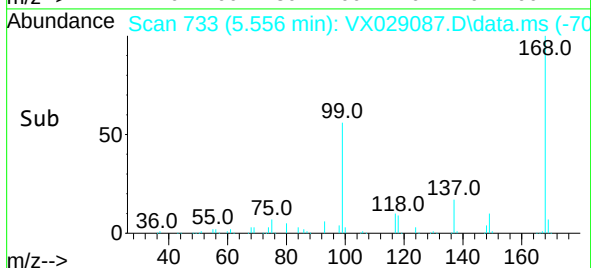
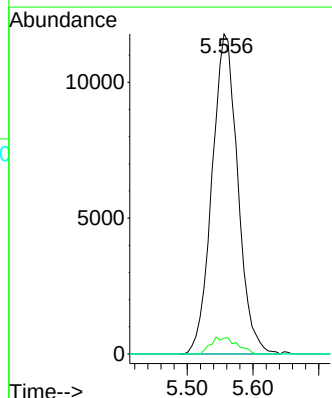
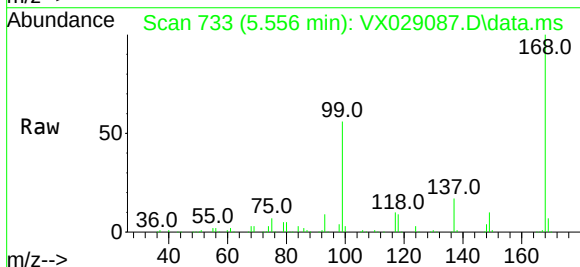
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

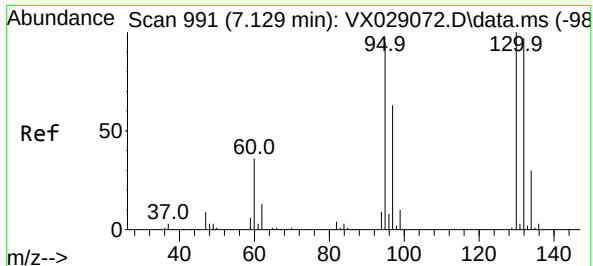
Tgt Ion: 75 Resp: 22940
Ion Ratio Lower Upper
75 100
110 9.8 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.695 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX029087.D
Acq: 31 May 2022 20:25

Tgt Ion: 117 Resp: 32135
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 24.2 36.2#

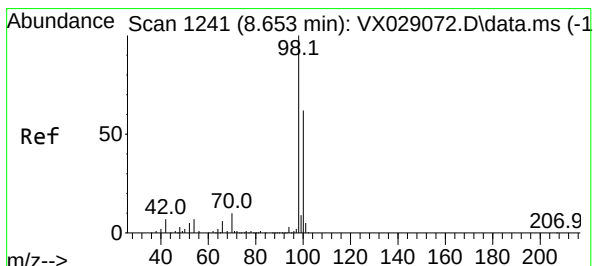
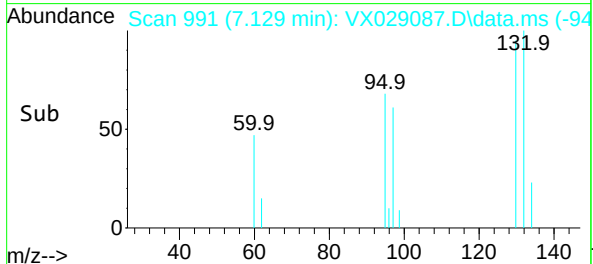
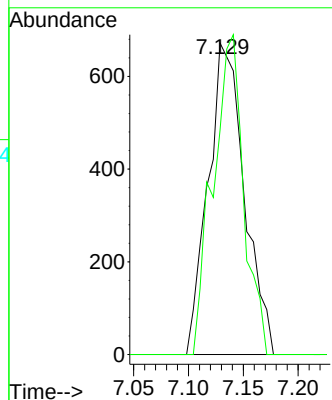
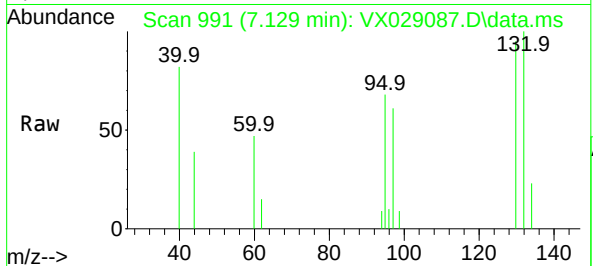




#44
Trichloroethene
Concen: Below Cal
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029087.D
Acq: 31 May 2022 20:25

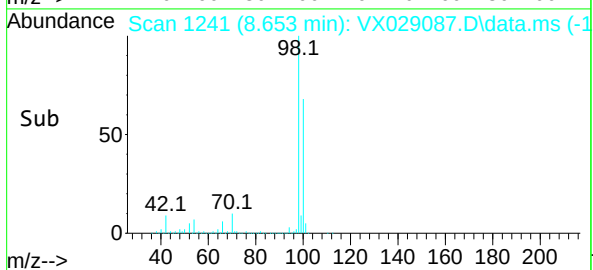
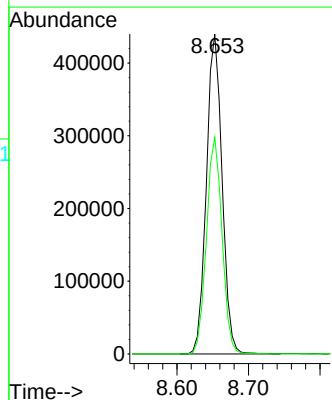
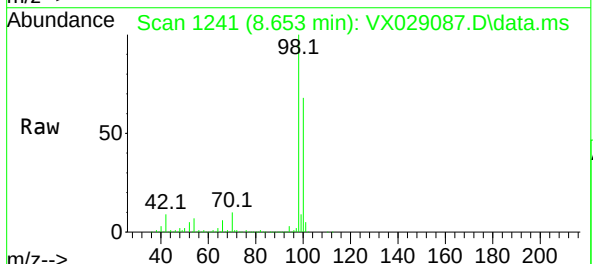
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

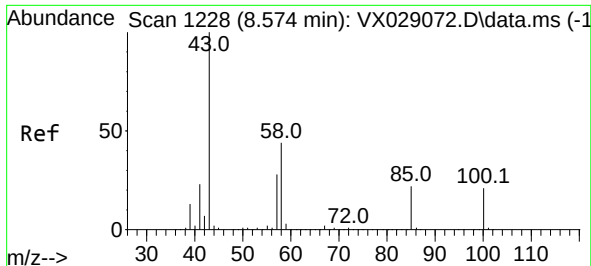
Tgt Ion:130 Resp: 1546
Ion Ratio Lower Upper
130 100
95 72.0 0.0 188.8



#50
Toluene-d8
Concen: 47.770 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029087.D
Acq: 31 May 2022 20:25

Tgt Ion: 98 Resp: 670486
Ion Ratio Lower Upper
98 100
100 67.4 52.6 78.8

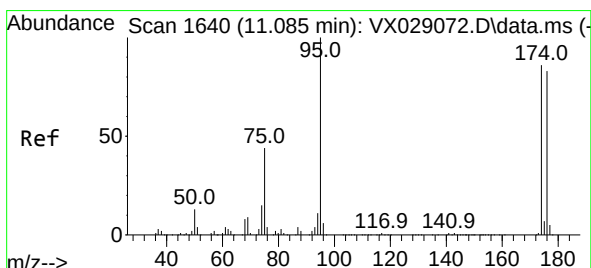
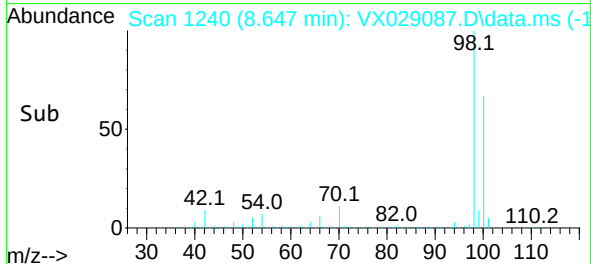
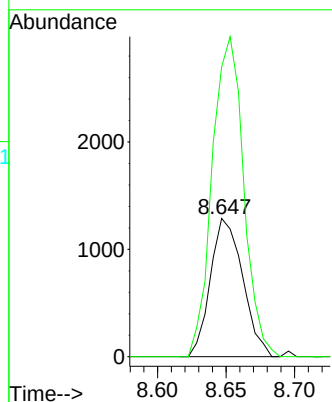
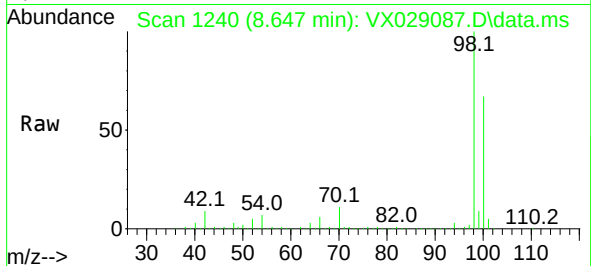




#51
4-Methyl-2-Pentanone
Concen: 0.424 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX029087.D
Acq: 31 May 2022 20:25

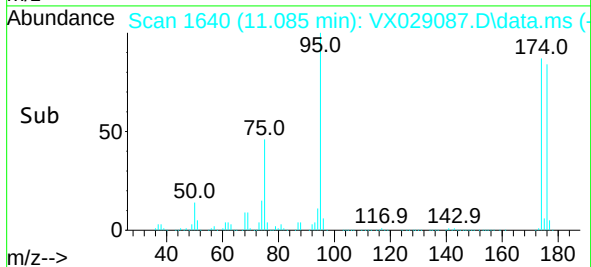
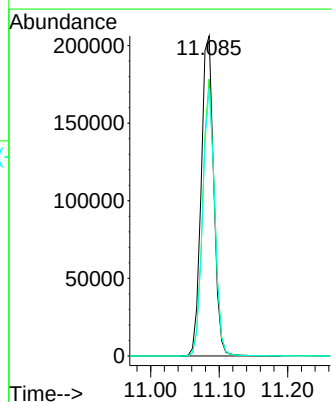
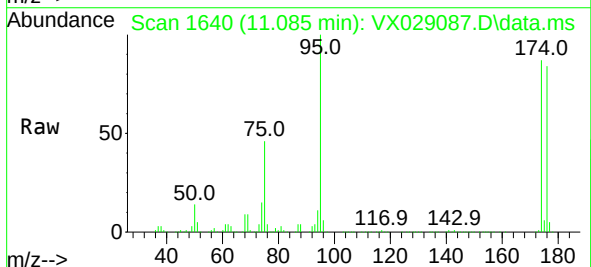
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

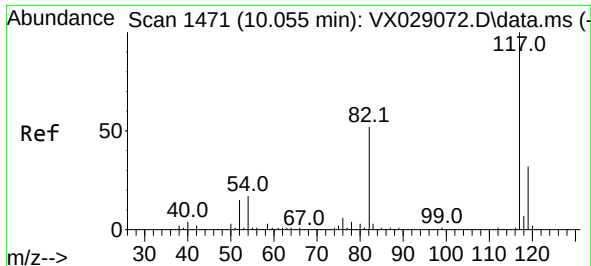
Tgt Ion: 43 Resp: 2112
Ion Ratio Lower Upper
43 100
58 225.1 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 48.527 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029087.D
Acq: 31 May 2022 20:25

Tgt Ion: 95 Resp: 263284
Ion Ratio Lower Upper
95 100
174 82.5 0.0 163.0
176 80.5 0.0 155.0

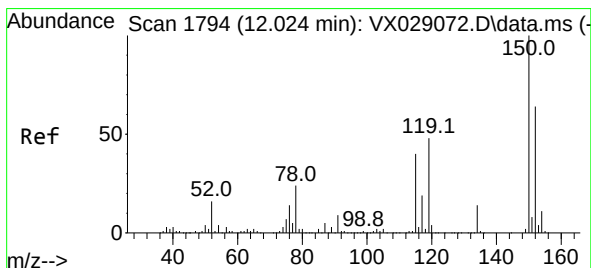
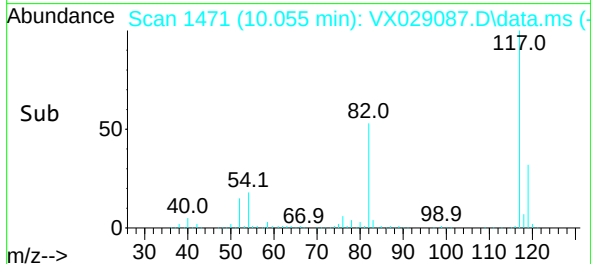
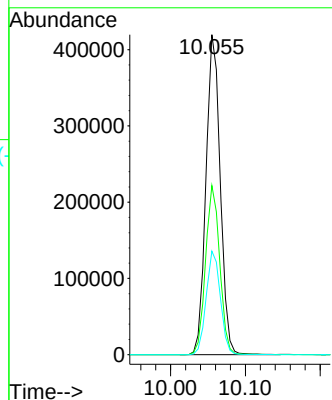
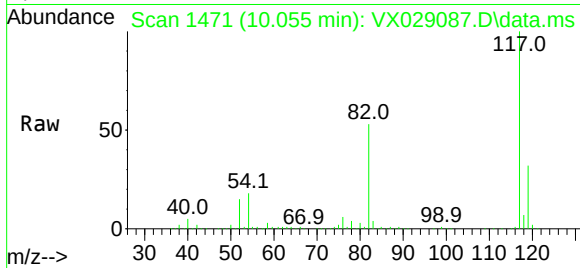




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029087.D
Acq: 31 May 2022 20:25

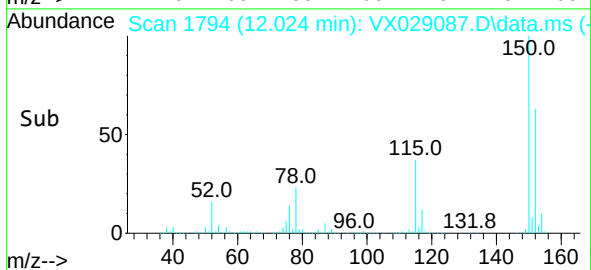
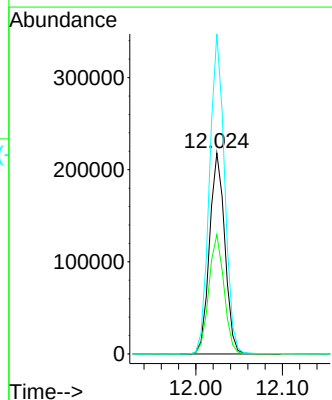
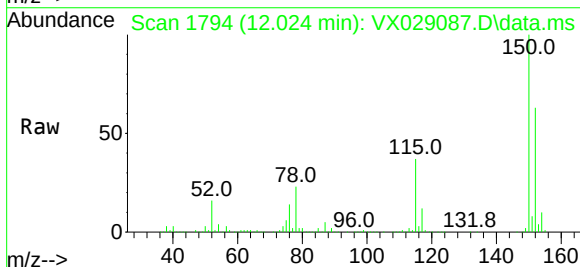
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

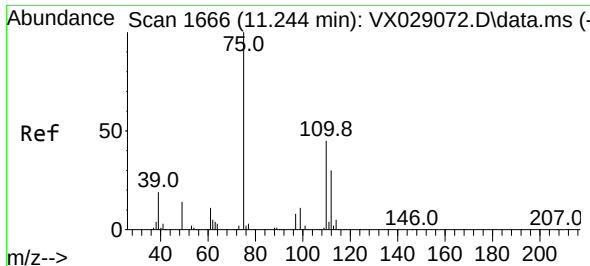
Tgt Ion:117 Resp: 557206
Ion Ratio Lower Upper
117 100
82 52.9 41.8 62.8
119 32.4 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029087.D
Acq: 31 May 2022 20:25

Tgt Ion:152 Resp: 267387
Ion Ratio Lower Upper
152 100
115 58.9 37.5 112.7
150 157.1 0.0 338.2

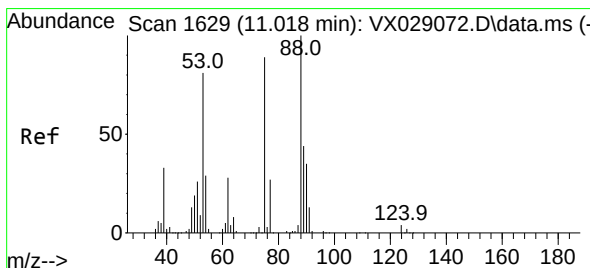
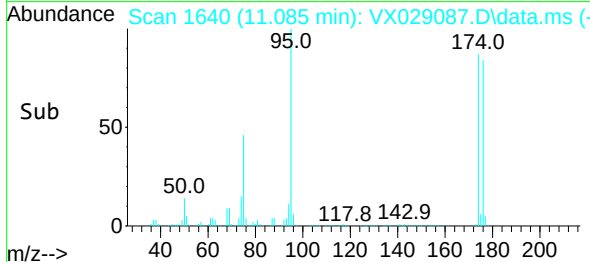
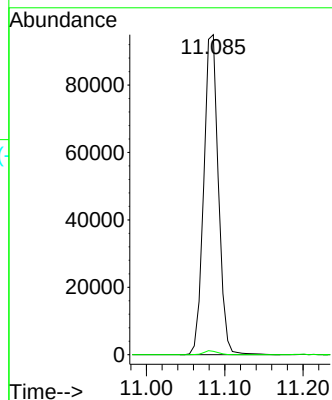
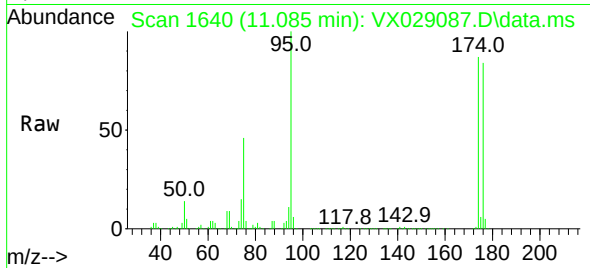




#76
1,2,3-Trichloropropane
Concen: 22.657 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX029087.D
Acq: 31 May 2022 20:25

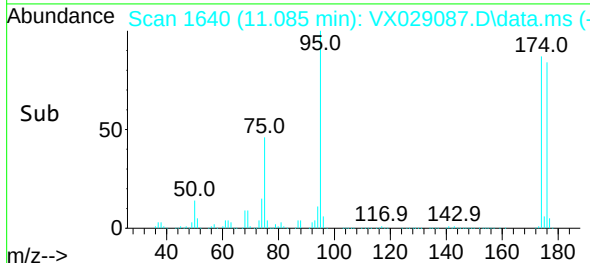
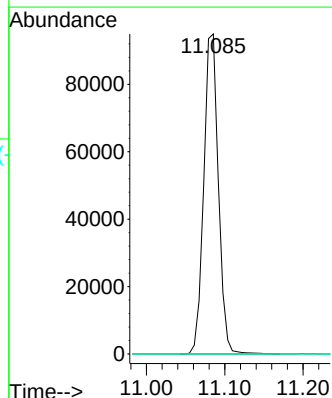
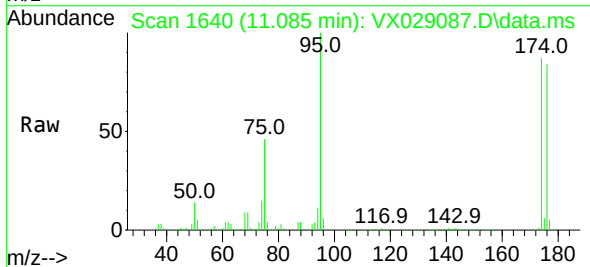
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

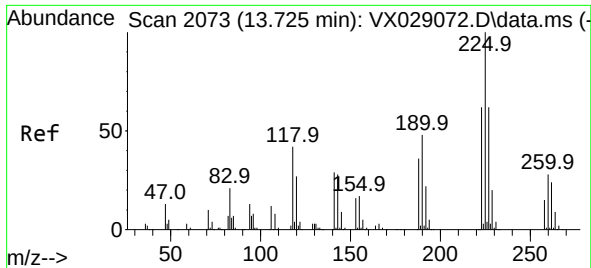
Tgt Ion: 75 Resp: 122812
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.472 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX029087.D
Acq: 31 May 2022 20:25

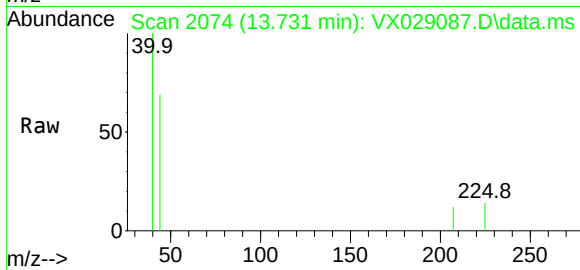
Tgt Ion: 75 Resp: 122812
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 13.731 min Scan# 2074
 Delta R.T. 0.006 min
 Lab File: VX029087.D
 Acq: 31 May 2022 20:25

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG



Tgt Ion:225 Resp: 50
 Ion Ratio Lower Upper
 225 100
 223 0.0 34.2 102.5#
 227 40.0 33.9 101.7

