

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082722\
 Data File : VX030877.D
 Acq On : 27 Aug 2022 17:50
 Operator : JC/MD
 Sample : N4387-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 251563-1

Quant Time: Aug 29 01:11:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

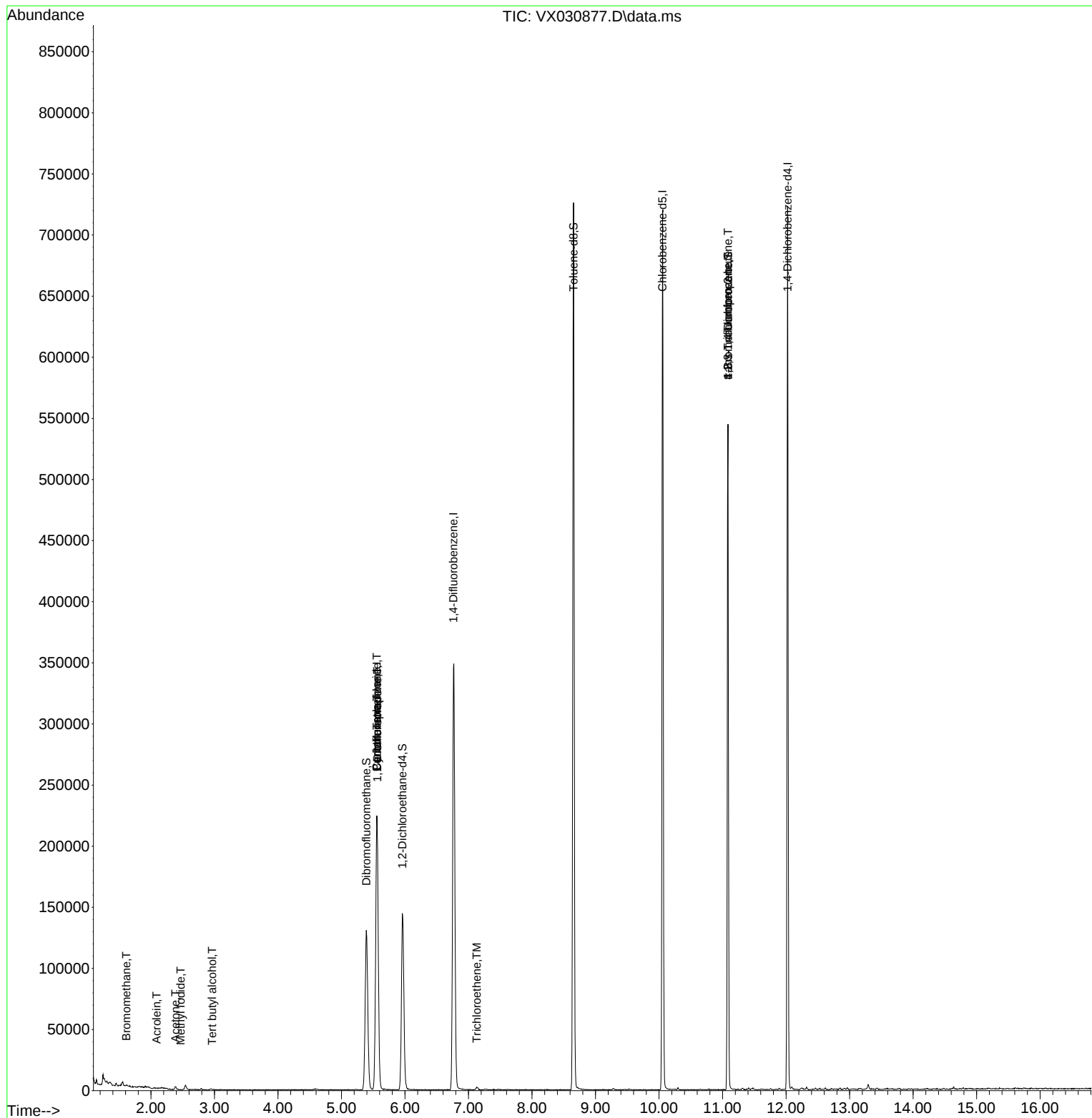
Internal Standards						
1) Pentafluorobenzene	5.556	168	206127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	356925	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	321610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	138432	57.095	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.180%
35) Dibromofluoromethane	5.391	113	113807	51.881	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.760%
50) Toluene-d8	8.653	98	424868	55.582	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	111.160%
62) 4-Bromofluorobenzene	11.085	95	141627	49.766	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.540%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	428	Below Cal	#	75
5) Bromomethane	1.611	94	289	0.301	ug/l	94
6) Chloroethane	1.709	64	213	Below Cal	#	41
10) Methyl Iodide	2.465	142	112	4.091	ug/l	# 45
11) Tert butyl alcohol	2.965	59	371	0.705	ug/l	# 74
13) Acrolein	2.087	56	38	10.131	ug/l	# 14
16) Acetone	2.386	43	2936	2.620	ug/l	# 86
17) Carbon Disulfide	2.514	76	515	Below Cal	#	74
20) Methylene Chloride	2.794	84	289	Below Cal	#	81
31) Cyclohexane	5.556	56	4693	1.514	ug/l	# 18
36) 1,1-Dichloropropene	5.562	75	17401	5.825	ug/l	# 48
38) Carbon Tetrachloride	5.556	117	21280	6.754	ug/l	# 17
44) Trichloroethene	7.129	130	940	0.364	ug/l	86
76) 1,2,3-Trichloropropane	11.085	75	71566	23.740	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	71566	76.597	ug/l	# 13

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

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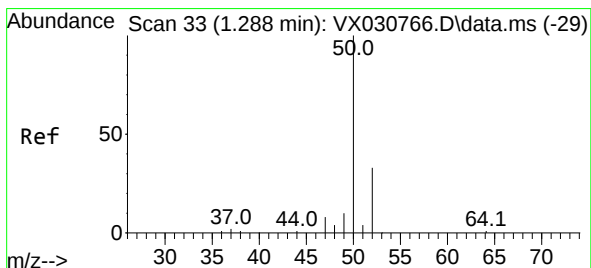
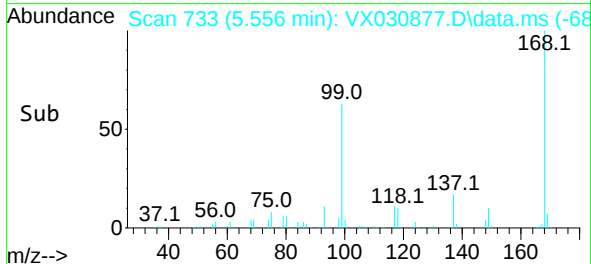
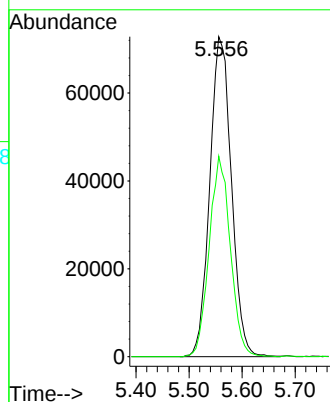
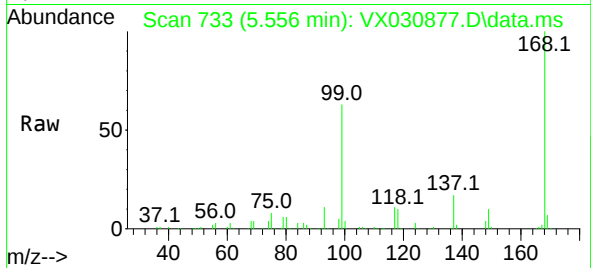




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030877.D
Acq: 27 Aug 2022 17:50

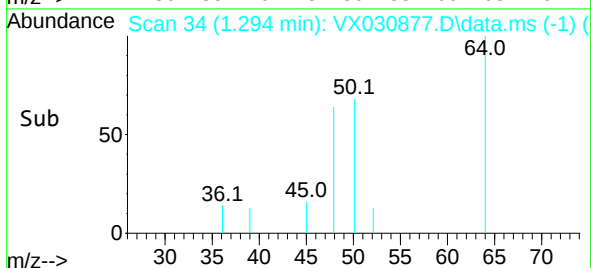
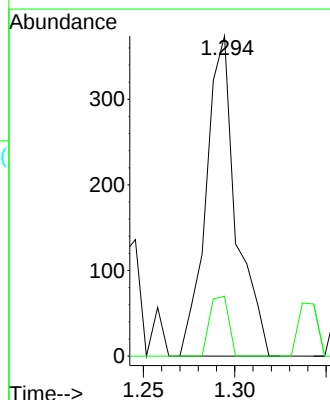
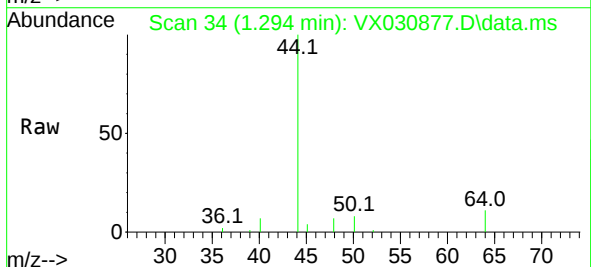
Instrument :
MSVOA_X
ClientSampleId :
251563-1

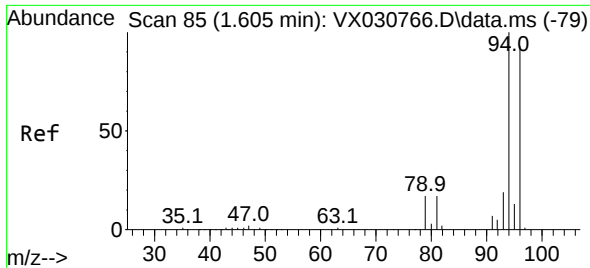
Tgt Ion:168 Resp: 206127
Ion Ratio Lower Upper
168 100
99 62.7 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030877.D
Acq: 27 Aug 2022 17:50

Tgt Ion: 50 Resp: 428
Ion Ratio Lower Upper
50 100
52 18.7 26.3 39.5

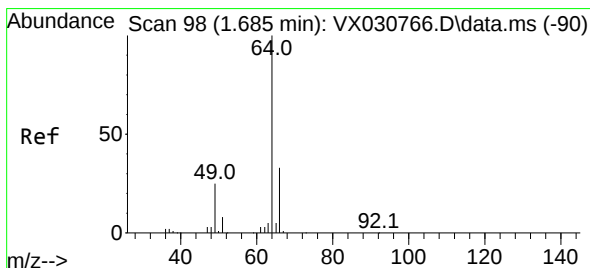
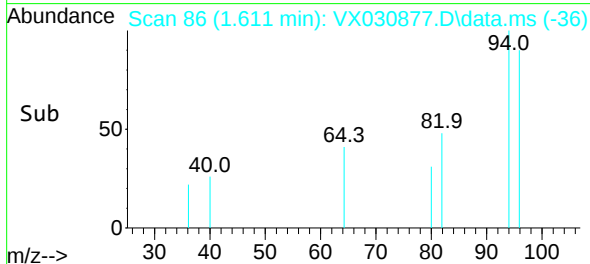
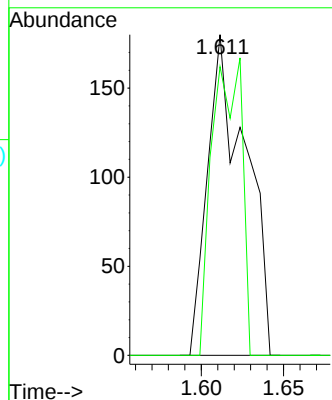
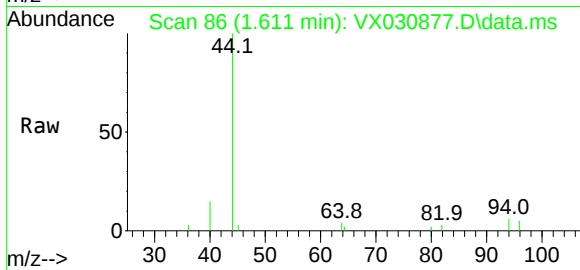




#5
Bromomethane
Concen: 0.301 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX030877.D
Acq: 27 Aug 2022 17:50

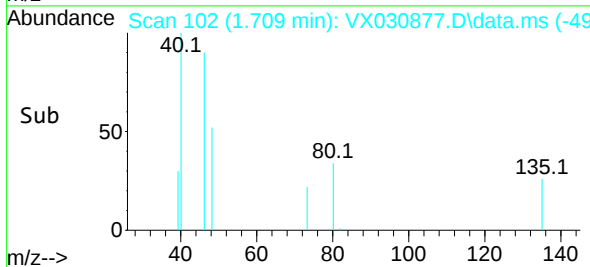
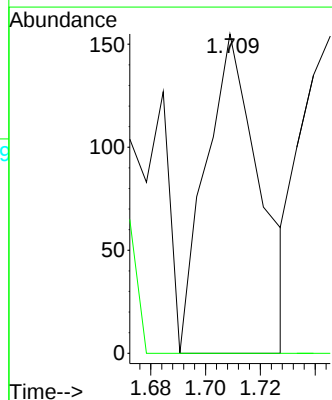
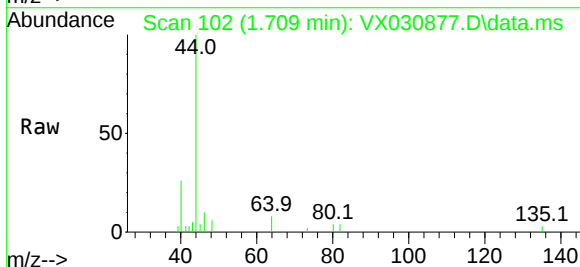
Instrument :
MSVOA_X
ClientSampleId :
251563-1

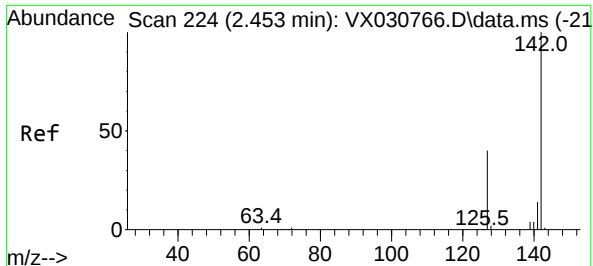
Tgt Ion: 94 Resp: 289
Ion Ratio Lower Upper
94 100
96 90.0 76.9 115.3



#6
Chloroethane
Concen: Below Cal
RT: 1.709 min Scan# 102
Delta R.T. 0.024 min
Lab File: VX030877.D
Acq: 27 Aug 2022 17:50

Tgt Ion: 64 Resp: 213
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

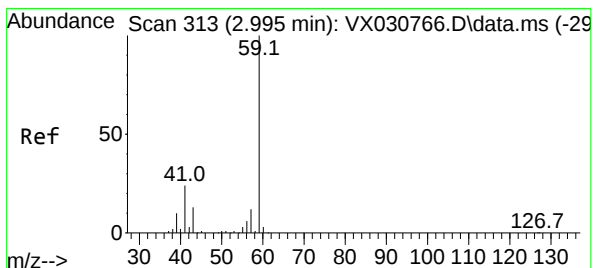
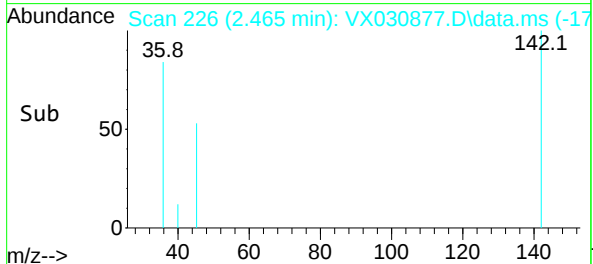
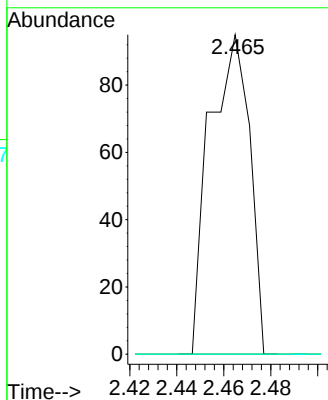
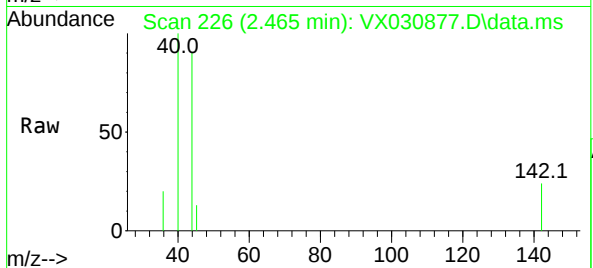




#10
Methyl Iodide
Concen: 4.091 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX030877.D
Acq: 27 Aug 2022 17:50

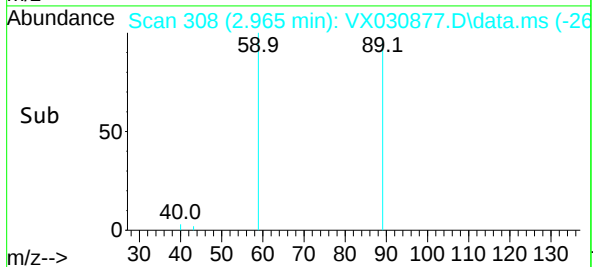
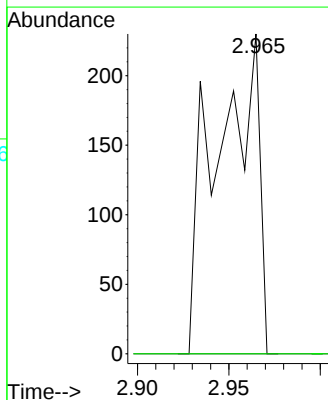
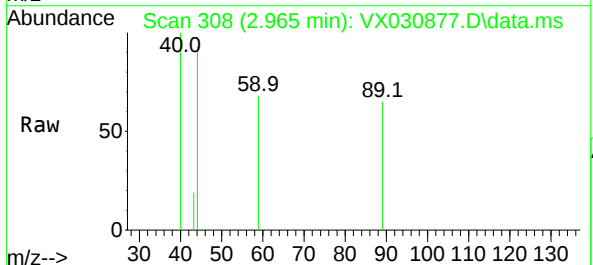
Instrument :
MSVOA_X
ClientSampleId :
251563-1

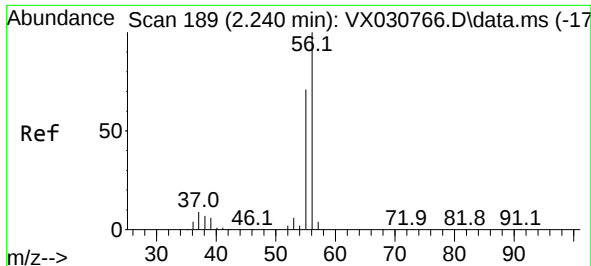
Tgt Ion:142 Resp: 112
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.705 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.031 min
Lab File: VX030877.D
Acq: 27 Aug 2022 17:50

Tgt Ion: 59 Resp: 371
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

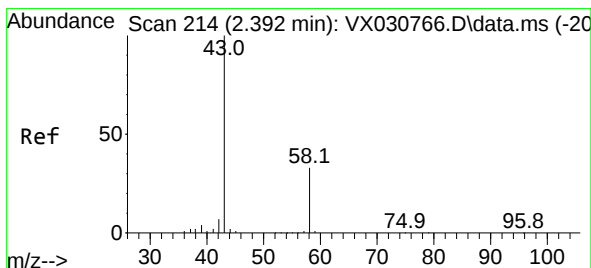
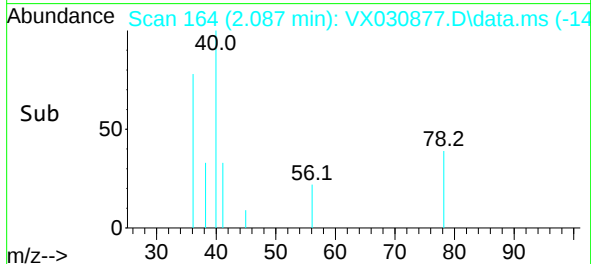
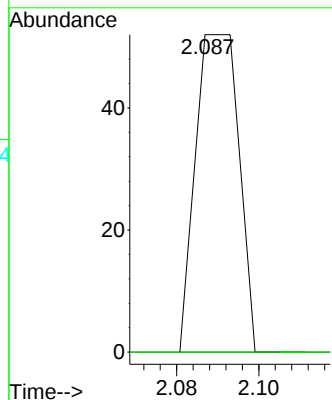
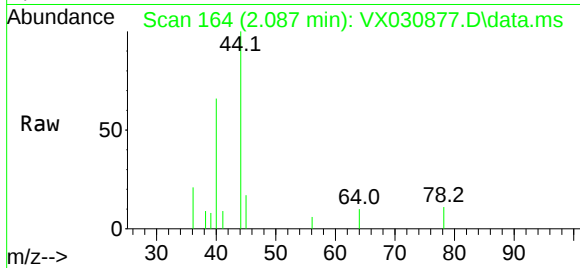




#13
Acrolein
Concen: 10.131 ug/l
RT: 2.087 min Scan# 11
Delta R.T. -0.153 min
Lab File: VX030877.D
Acq: 27 Aug 2022 17:50

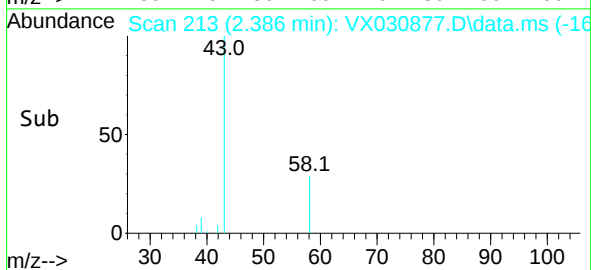
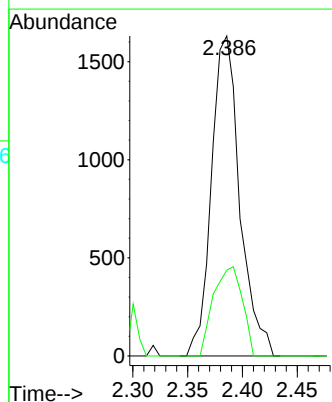
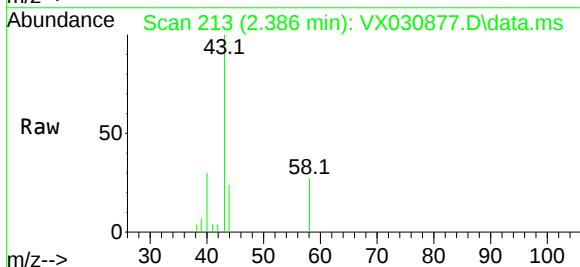
Instrument :
MSVOA_X
ClientSampleId :
251563-1

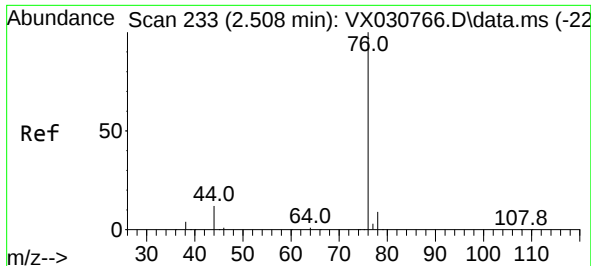
Tgt Ion: 56 Resp: 38
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#16
Acetone
Concen: 2.620 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030877.D
Acq: 27 Aug 2022 17:50

Tgt Ion: 43 Resp: 2936
Ion Ratio Lower Upper
43 100
58 26.8 27.7 41.5#

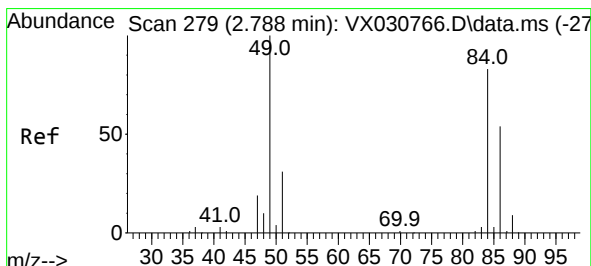
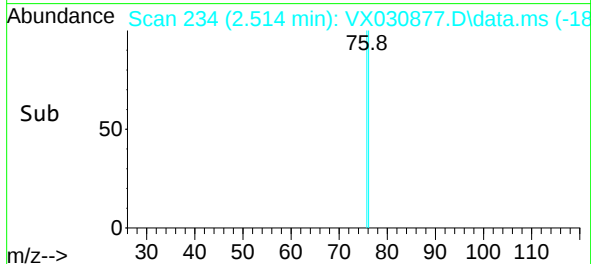
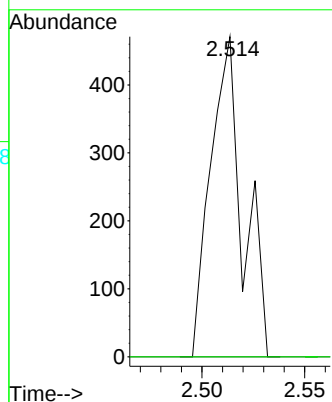
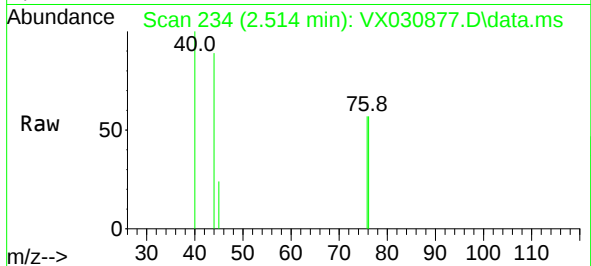




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030877.D
Acq: 27 Aug 2022 17:50

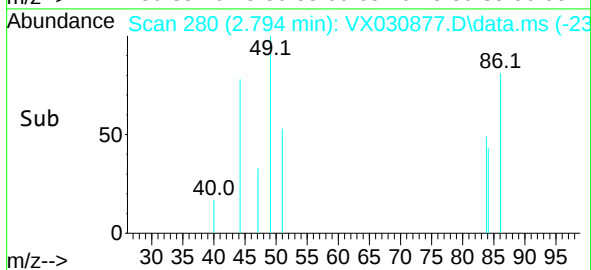
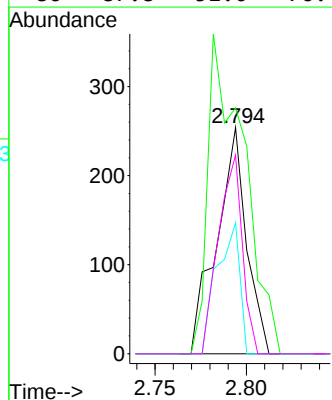
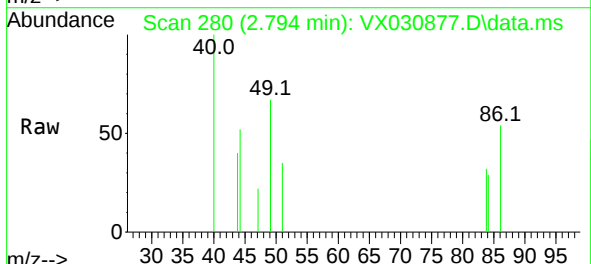
Instrument :
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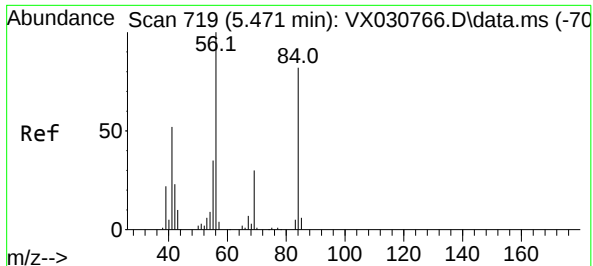
Tgt Ion: 76 Resp: 515
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030877.D
Acq: 27 Aug 2022 17:50

Tgt Ion: 84 Resp: 289
Ion Ratio Lower Upper
84 100
49 108.7 93.8 140.6
51 57.9 29.4 44.0#
86 87.8 51.0 76.4#

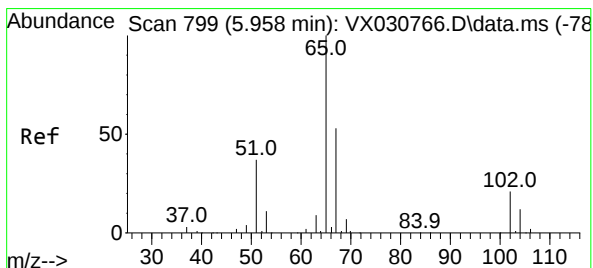
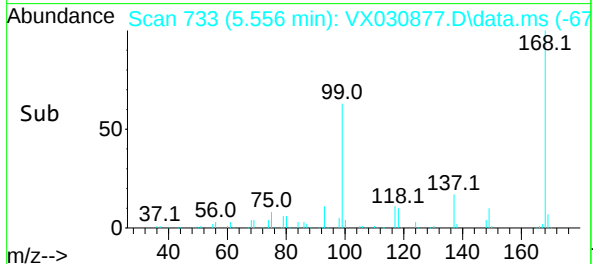
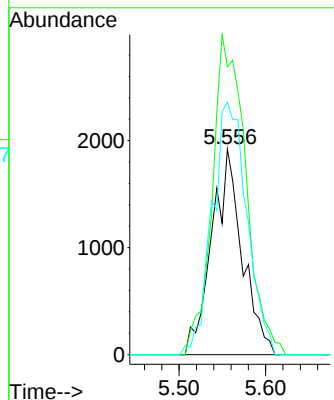
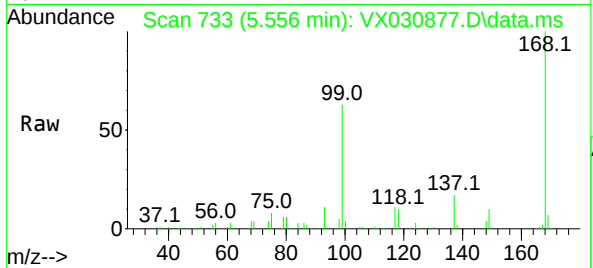




#31
Cyclohexane
Concen: 1.514 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX030877.D
Acq: 27 Aug 2022 17:50

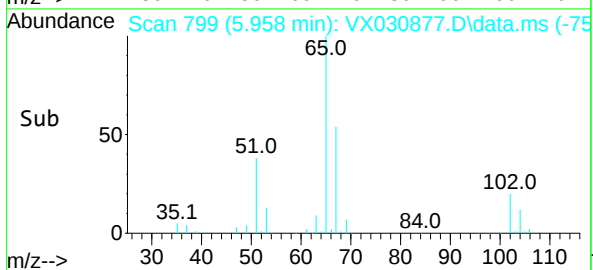
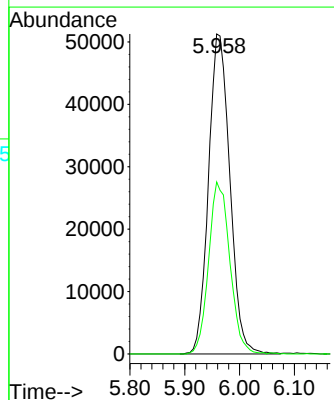
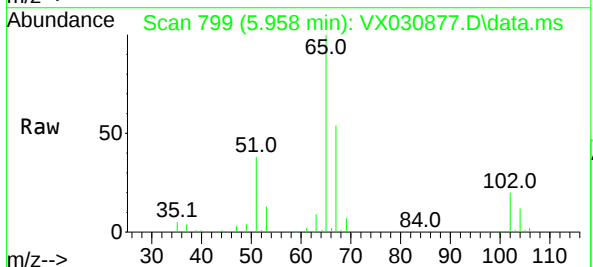
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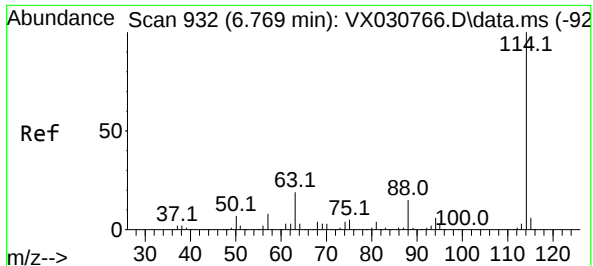
Tgt Ion: 56 Resp: 4693
Ion Ratio Lower Upper
56 100
69 140.0 25.4 38.0#
84 122.7 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 57.095 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX030877.D
Acq: 27 Aug 2022 17:50

Tgt Ion: 65 Resp: 138432
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.6

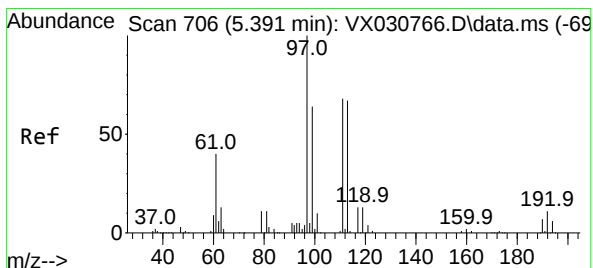
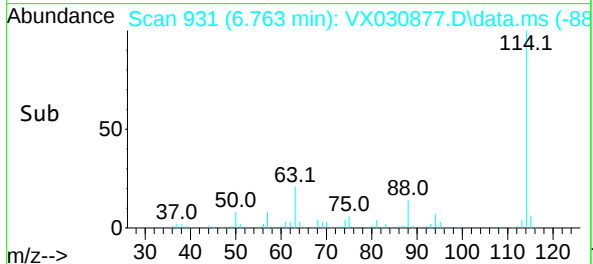
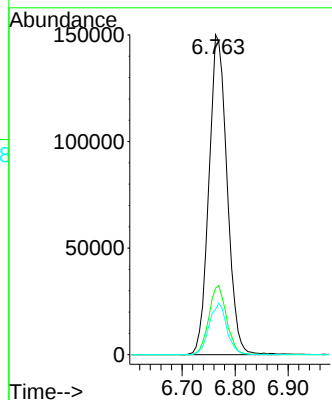
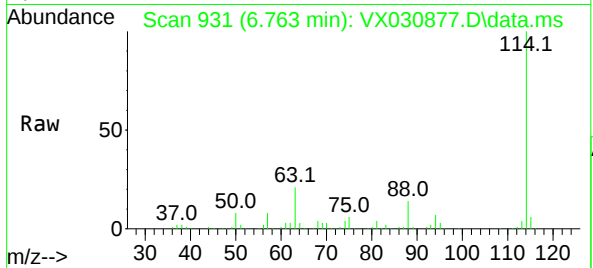




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX030877.D
Acq: 27 Aug 2022 17:50

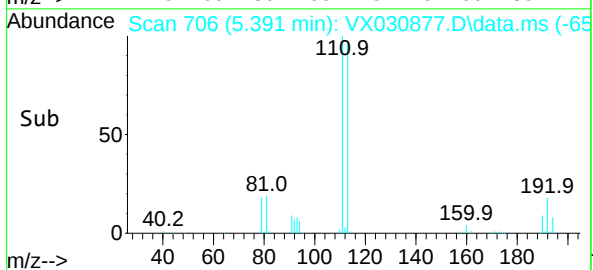
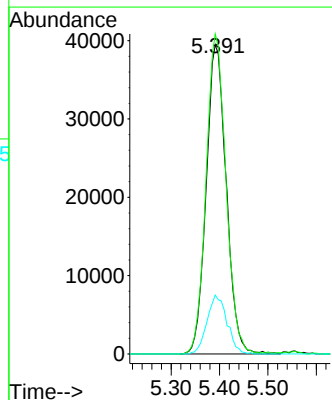
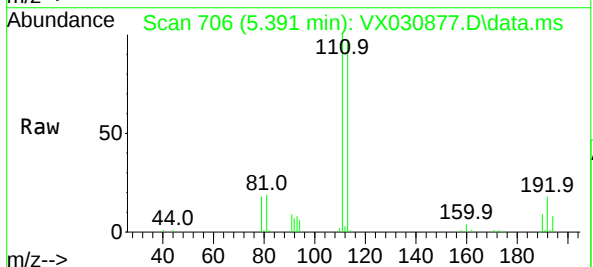
Instrument :
MSVOA_X
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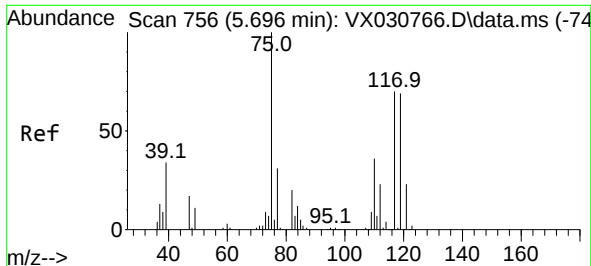
Tgt Ion:114 Resp: 356925
Ion Ratio Lower Upper
114 100
63 20.8 0.0 38.4
88 14.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.881 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030877.D
Acq: 27 Aug 2022 17:50

Tgt Ion:113 Resp: 113807
Ion Ratio Lower Upper
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111 102.8 83.2 124.8
192 18.9 14.8 22.2

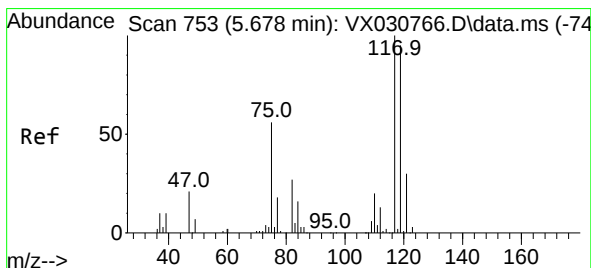
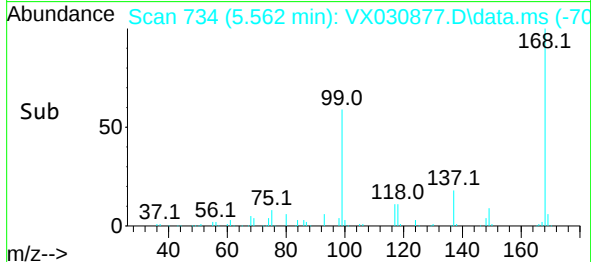
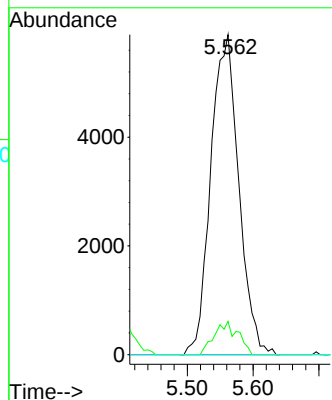
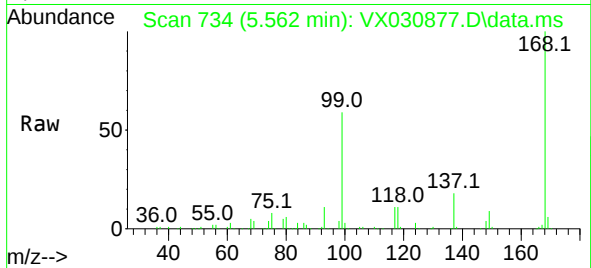




#36
1,1-Dichloropropene
Concen: 5.825 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX030877.D
Acq: 27 Aug 2022 17:50

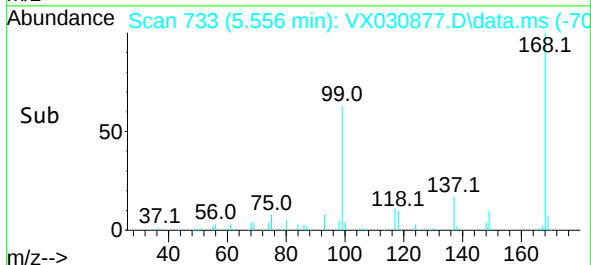
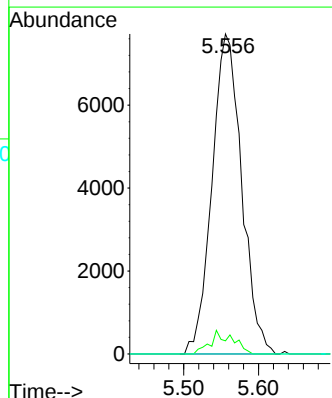
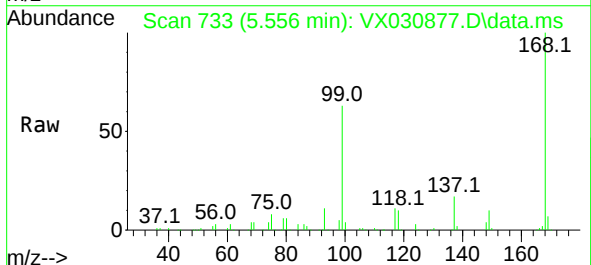
Instrument :
MSVOA_X
ClientSampleId :
251563-1

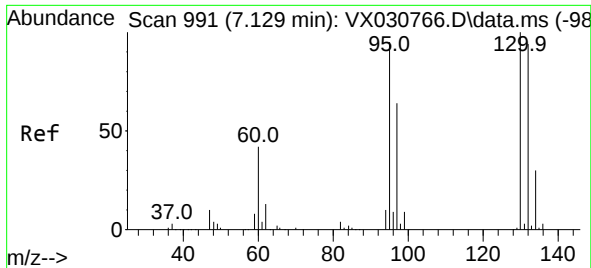
Tgt Ion: 75 Resp: 17401
Ion Ratio Lower Upper
75 100
110 8.8 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.754 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX030877.D
Acq: 27 Aug 2022 17:50

Tgt Ion: 117 Resp: 21280
Ion Ratio Lower Upper
117 100
119 4.1 74.1 111.1#
121 0.0 25.8 38.8#

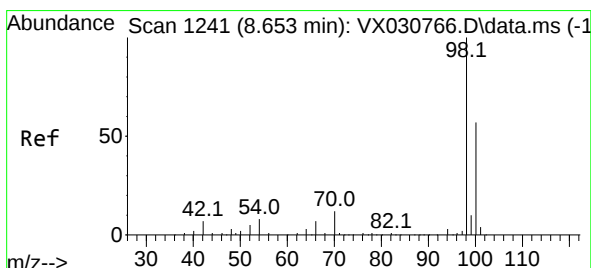
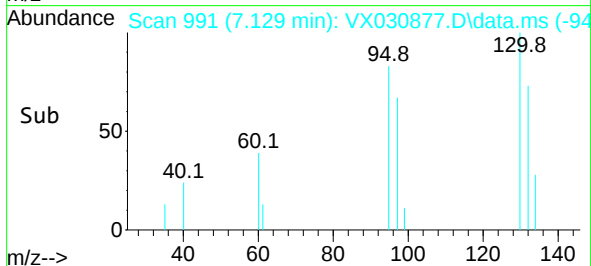
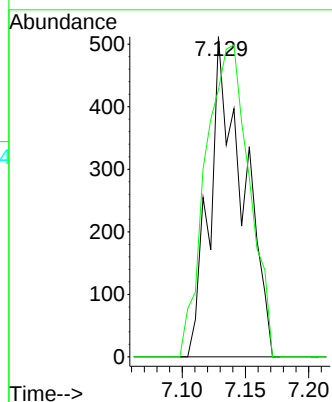
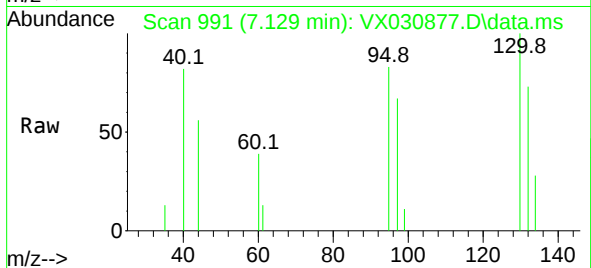




#44
Trichloroethene
Concen: 0.364 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030877.D
Acq: 27 Aug 2022 17:50

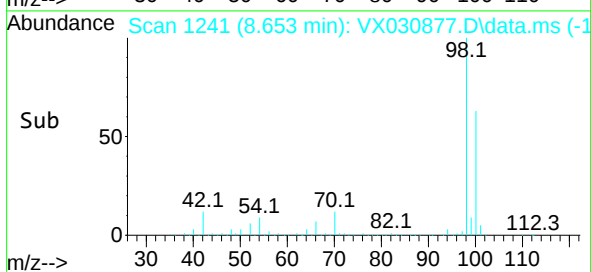
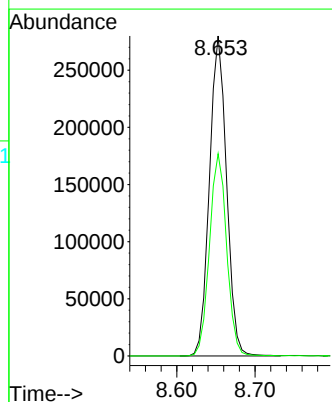
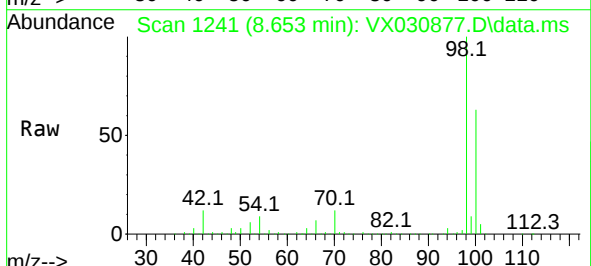
Instrument :
MSVOA_X
ClientSampleId :
251563-1

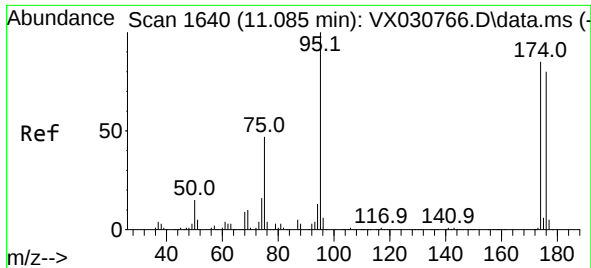
Tgt Ion:130 Resp: 940
Ion Ratio Lower Upper
130 100
95 83.4 0.0 194.8



#50
Toluene-d8
Concen: 55.582 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030877.D
Acq: 27 Aug 2022 17:50

Tgt Ion: 98 Resp: 424868
Ion Ratio Lower Upper
98 100
100 63.3 52.3 78.5

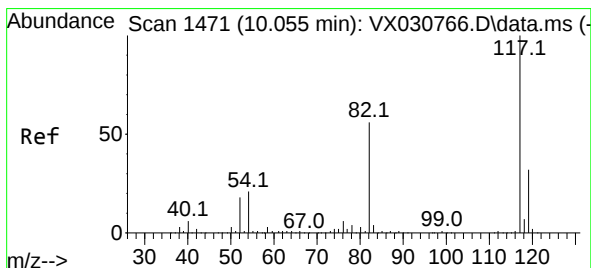
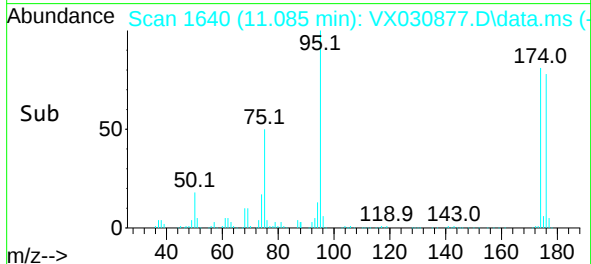
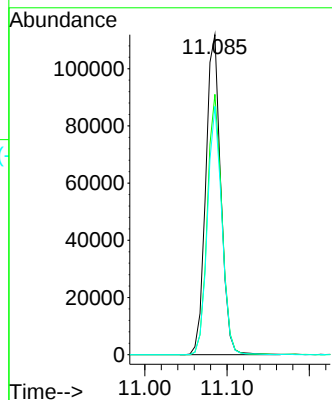
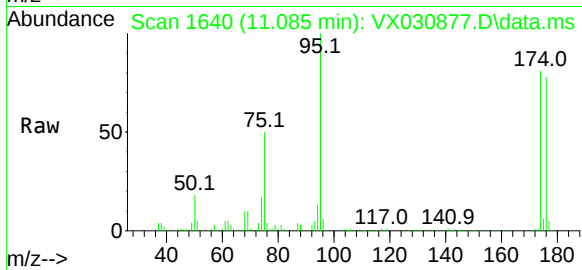




#62
4-Bromofluorobenzene
Concen: 49.766 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030877.D
Acq: 27 Aug 2022 17:50

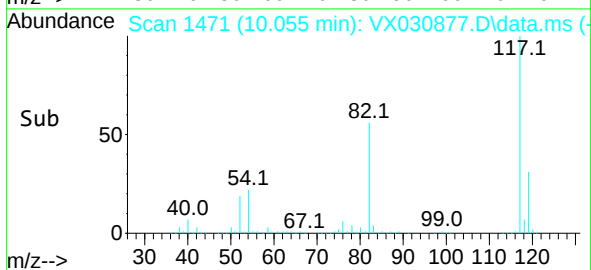
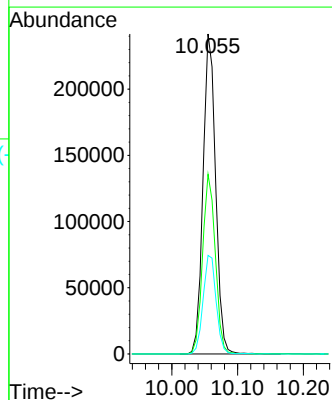
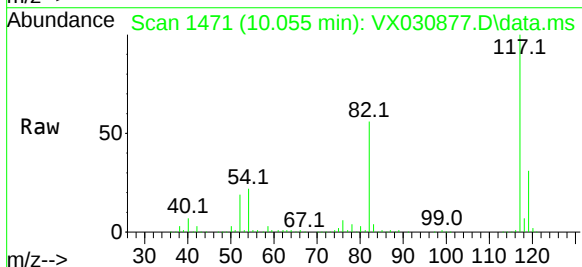
Instrument :
MSVOA_X
ClientSampleId :
251563-1

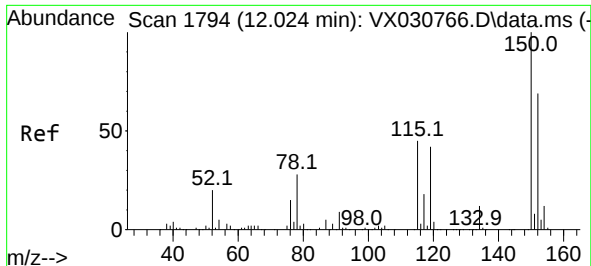
Tgt Ion: 95 Resp: 141627
Ion Ratio Lower Upper
95 100
174 78.5 0.0 149.0
176 74.6 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030877.D
Acq: 27 Aug 2022 17:50

Tgt Ion: 117 Resp: 321610
Ion Ratio Lower Upper
117 100
82 56.2 42.7 64.1
119 30.8 25.4 38.2

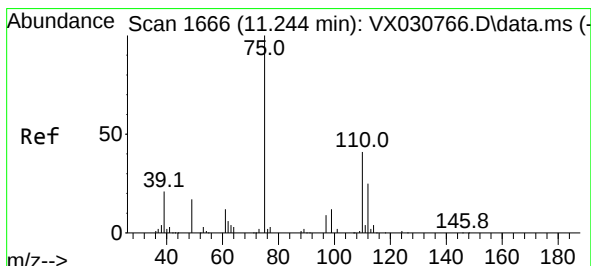
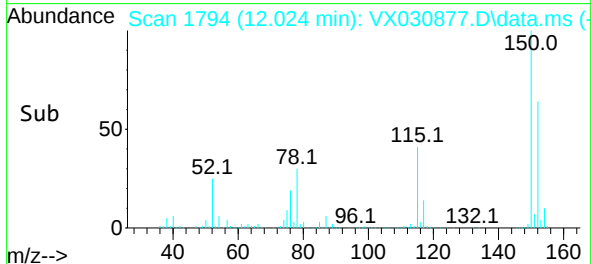
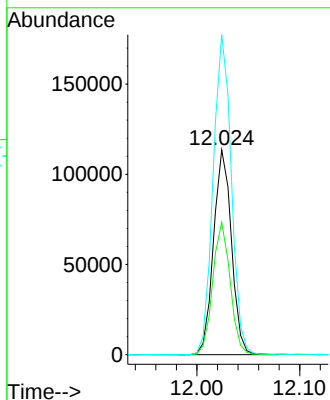
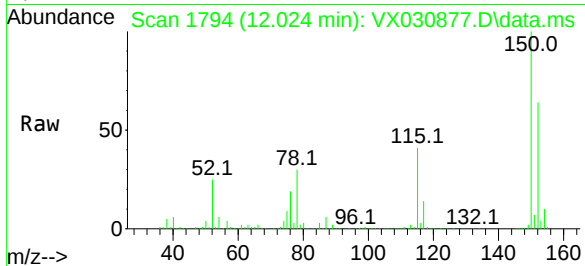




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030877.D
 Acq: 27 Aug 2022 17:50

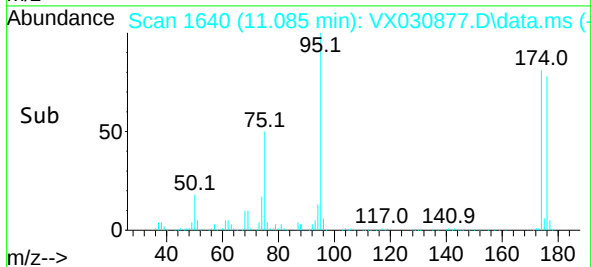
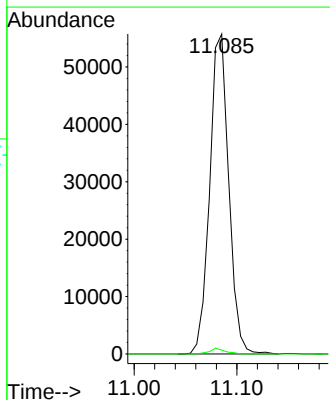
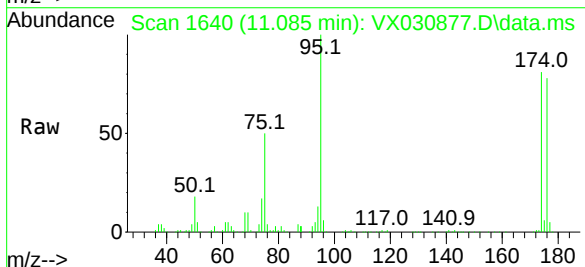
Instrument :
 MSVOA_X
 ClientSampleId :
 251563-1

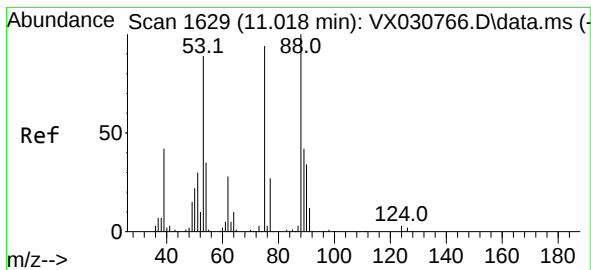
Tgt Ion:152 Resp: 137594
 Ion Ratio Lower Upper
 152 100
 115 62.9 40.5 121.5
 150 158.3 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 23.740 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX030877.D
 Acq: 27 Aug 2022 17:50

Tgt Ion: 75 Resp: 71566
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.597 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX030877.D
 Acq: 27 Aug 2022 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 251563-1

Tgt Ion: 75 Resp: 71566
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.2 111.4#
 89 0.0 34.8 52.2#

