

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101321\
 Data File : VX024789.D
 Acq On : 13 Oct 2021 17:22
 Operator : JC/MD
 Sample : VX1013WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013WBL01

Quant Time: Oct 14 03:56:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 14 03:51:38 2021
 Response via : Initial Calibration

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

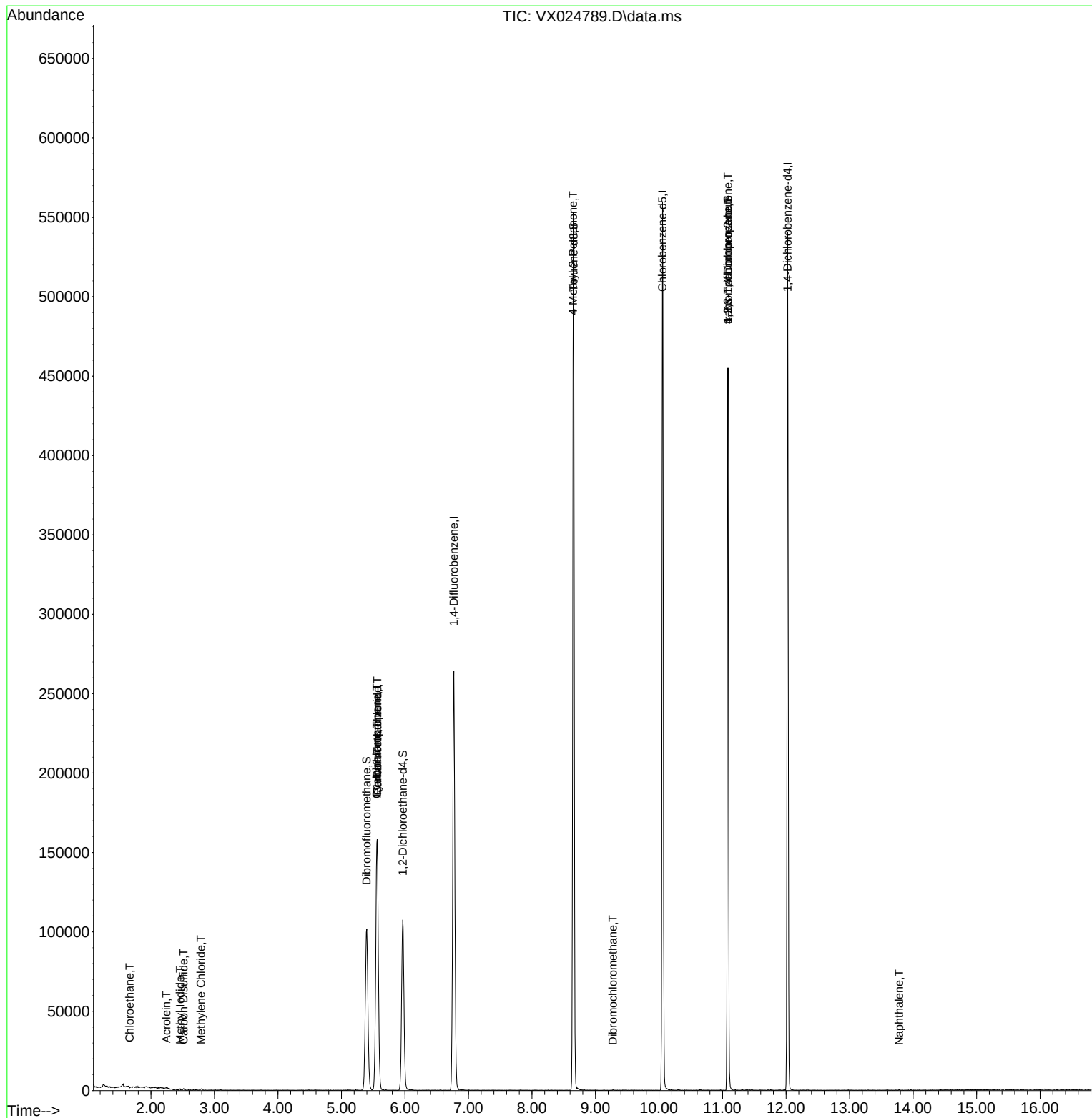
Internal Standards						
1) Pentafluorobenzene	5.562	168	151994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	267852	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	259429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103560	55.435	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.860%
35) Dibromofluoromethane	5.397	113	89991	56.436	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.880%
50) Toluene-d8	8.653	98	328088	55.624	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	111.240%
62) 4-Bromofluorobenzene	11.085	95	122978	53.011	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.020%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	472	Below Cal		90
6) Chloroethane	1.666	64	191	0.212 ug/l	#	43
10) Methyl Iodide	2.459	142	547	1.206 ug/l	#	90
13) Acrolein	2.239	56	50	0.306 ug/l	#	13
16) Acetone	2.380	43	554	Below Cal	#	86
17) Carbon Disulfide	2.514	76	1043	0.301 ug/l	#	76
20) Methylene Chloride	2.788	84	398	0.251 ug/l	#	80
31) Cyclohexane	5.556	56	2774	1.115 ug/l	#	4
36) 1,1-Dichloropropene	5.556	75	11126	4.693 ug/l	#	50
38) Carbon Tetrachloride	5.562	117	15031	5.659 ug/l	#	17
51) 4-Methyl-2-Pentanone	8.647	43	1404	0.501 ug/l	#	1
59) 2-Hexanone	9.427	43	144	Below Cal	#	25
60) Dibromochloromethane	9.275	129	91	0.830 ug/l	#	11
70) Styrene	10.659	104	161	Below Cal	#	25
76) 1,2,3-Trichloropropane	11.085	75	61186	26.017 ug/l	#	37
81) trans-1,4-Dichloro-2-b...	11.085	75	61186	70.062 ug/l	#	9
95) Naphthalene	13.780	128	294	0.291 ug/l	#	69

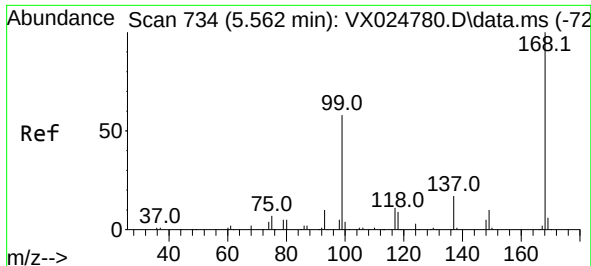
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 14 03:56:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101321W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 14 03:51:38 2021
Response via : Initial Calibration

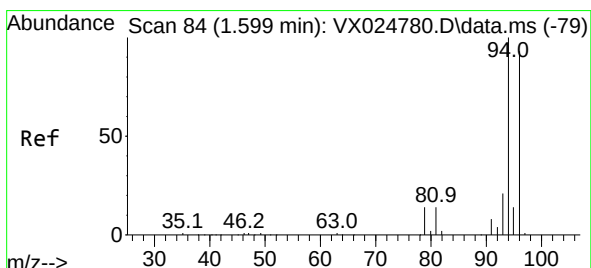
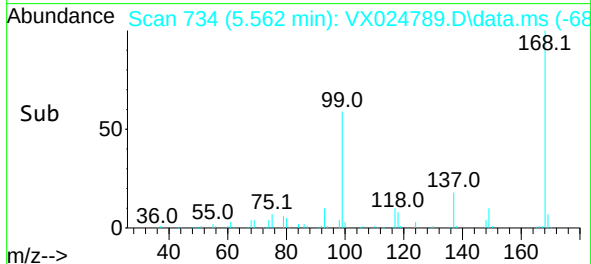
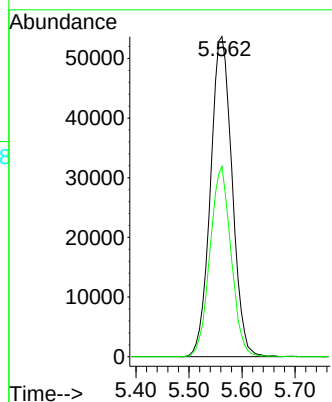
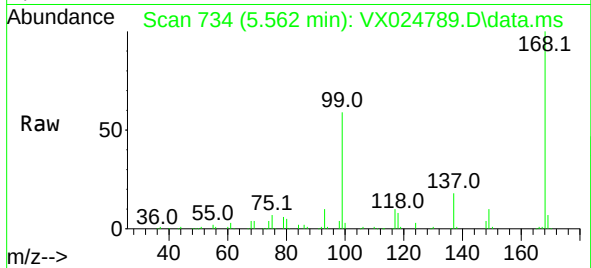




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024789.D
Acq: 13 Oct 2021 17:22

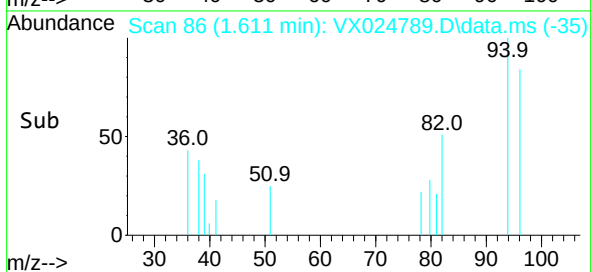
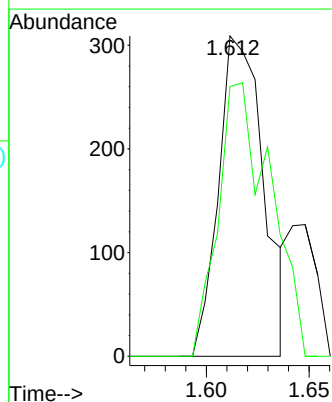
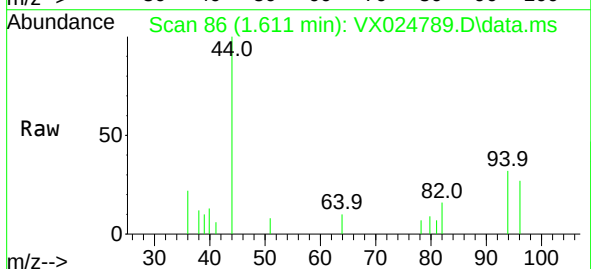
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBL01

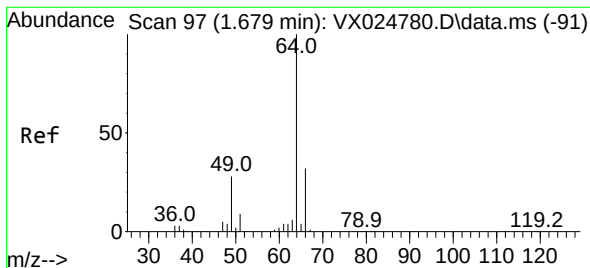
Tgt Ion:168 Resp: 151994
Ion Ratio Lower Upper
168 100
99 59.5 46.4 69.6



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX024789.D
Acq: 13 Oct 2021 17:22

Tgt Ion: 94 Resp: 472
Ion Ratio Lower Upper
94 100
96 84.1 74.8 112.2

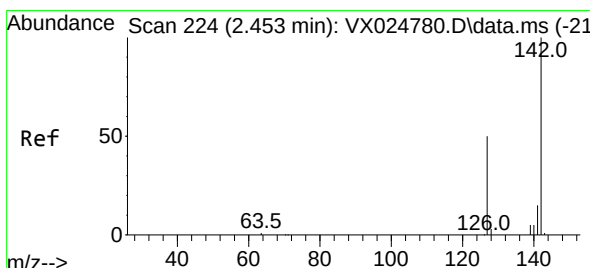
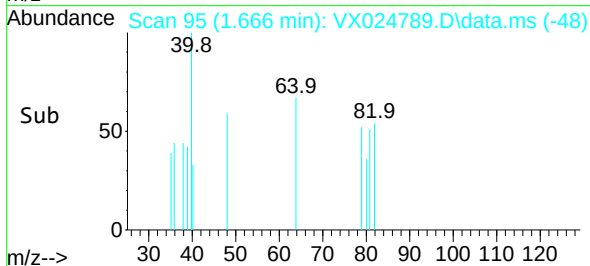
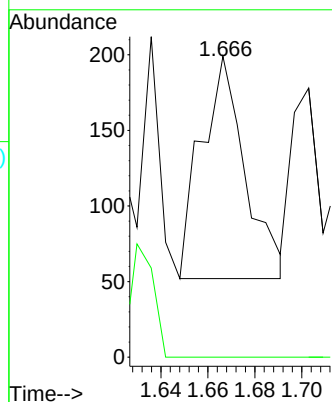
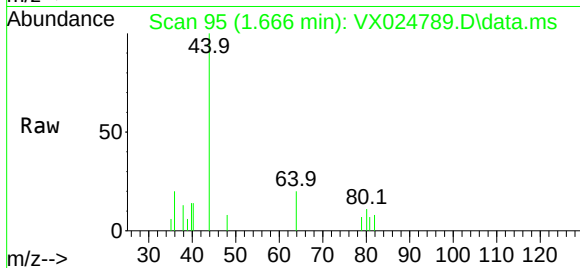




#6
Chloroethane
Concen: 0.212 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.012 min
Lab File: VX024789.D
Acq: 13 Oct 2021 17:22

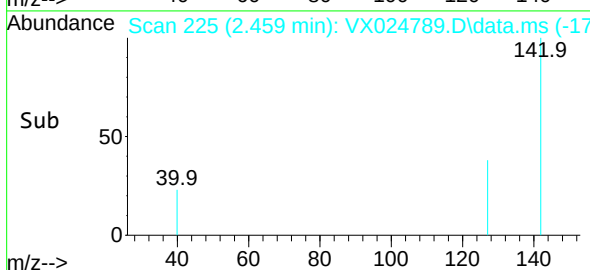
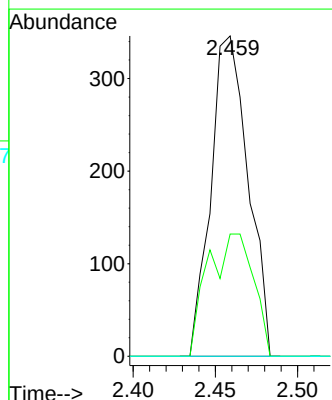
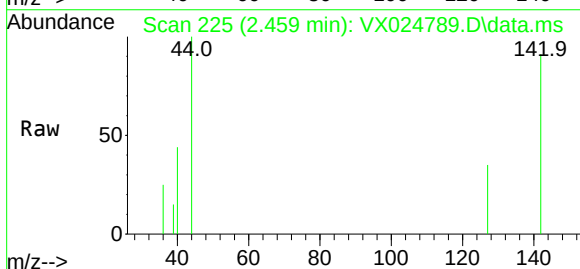
Instrument :
MSVOA_X
ClientSampled :
VX1013WBL01

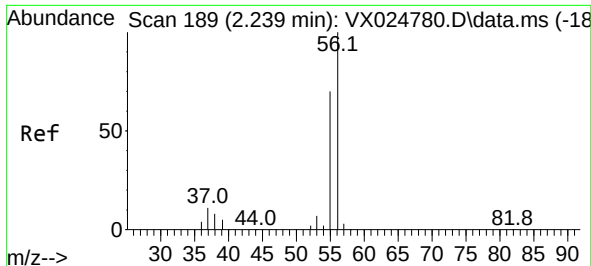
Tgt Ion: 64 Resp: 191
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#



#10
Methyl Iodide
Concen: 1.206 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024789.D
Acq: 13 Oct 2021 17:22

Tgt Ion: 142 Resp: 547
Ion Ratio Lower Upper
142 100
127 46.6 38.9 58.3
141 0.0 11.7 17.5#

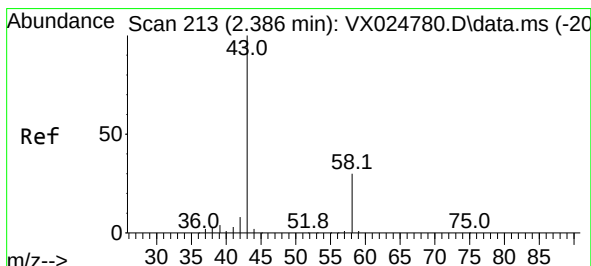
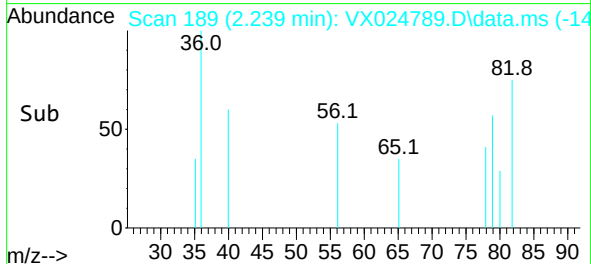
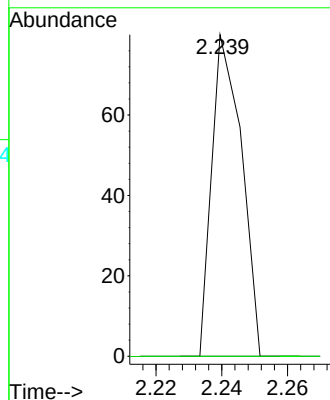
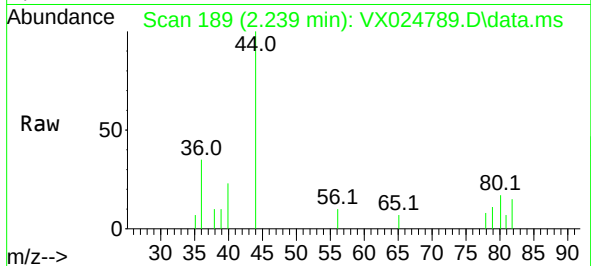




#13
Acrolein
Concen: 0.306 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX024789.D
Acq: 13 Oct 2021 17:22

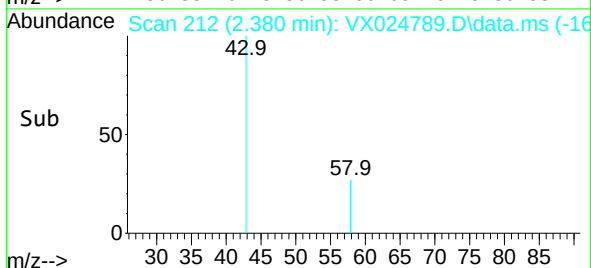
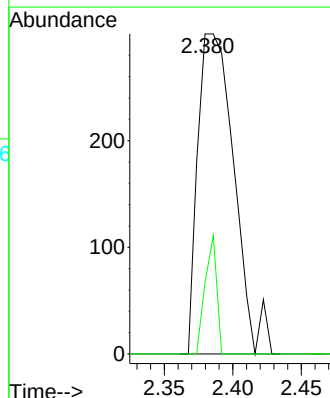
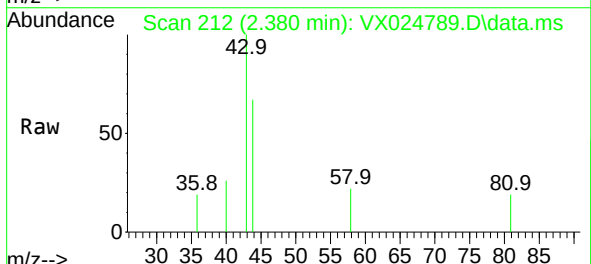
Instrument :
MSVOA_X
ClientSampled :
VX1013WBL01

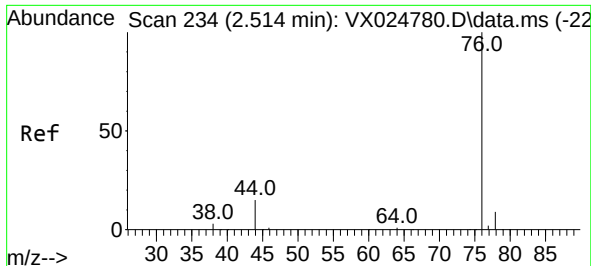
Tgt Ion: 56 Resp: 50
Ion Ratio Lower Upper
56 100
55 0.0 58.6 87.8#



#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX024789.D
Acq: 13 Oct 2021 17:22

Tgt Ion: 43 Resp: 554
Ion Ratio Lower Upper
43 100
58 22.3 24.0 36.0#

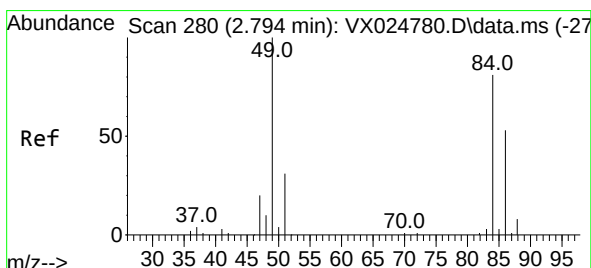
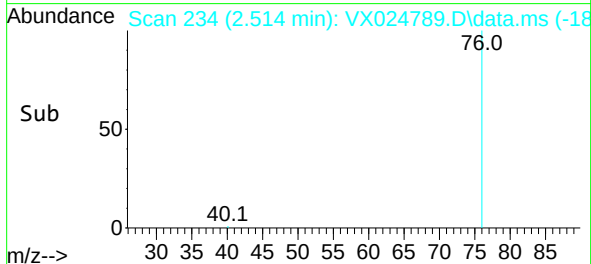
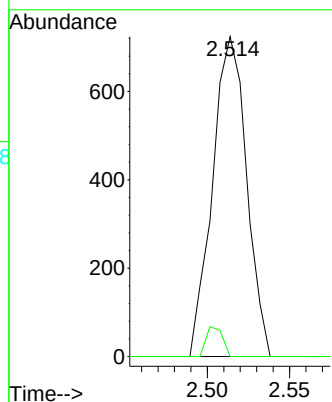
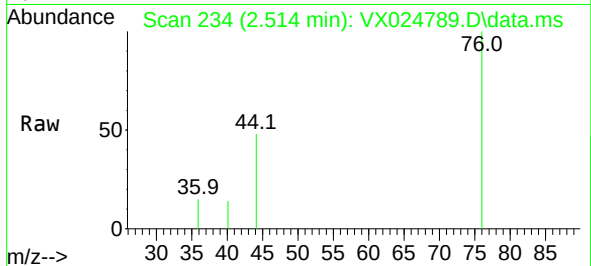




#17
Carbon Disulfide
Concen: 0.301 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX024789.D
Acq: 13 Oct 2021 17:22

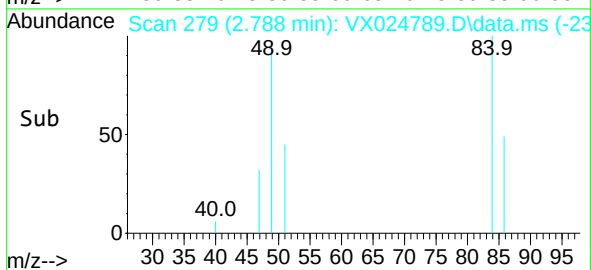
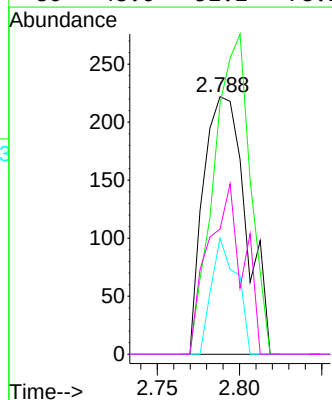
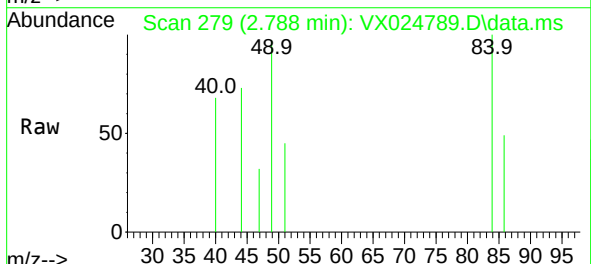
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBL01

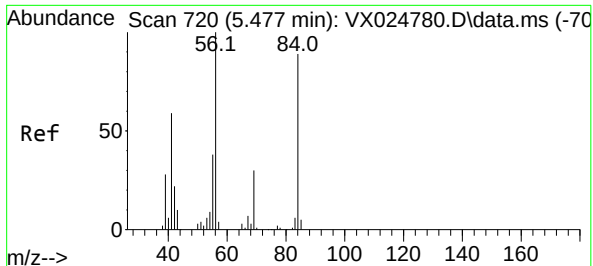
Tgt Ion: 76 Resp: 1043
Ion Ratio Lower Upper
76 100
78 0.0 6.9 10.3#



#20
Methylene Chloride
Concen: 0.251 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX024789.D
Acq: 13 Oct 2021 17:22

Tgt Ion: 84 Resp: 398
Ion Ratio Lower Upper
84 100
49 97.3 98.2 147.2#
51 45.0 30.2 45.4
86 48.6 52.2 78.2#

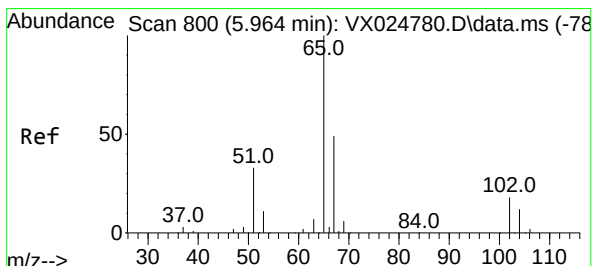
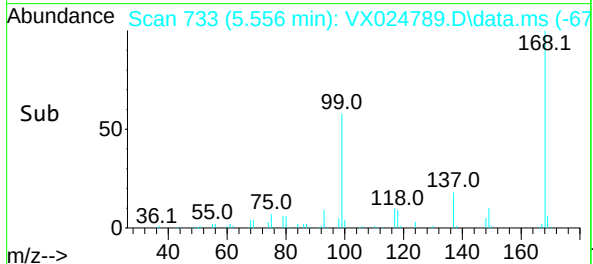
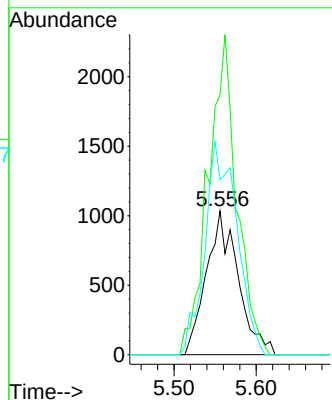
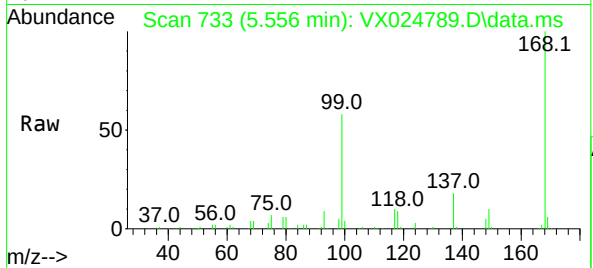




#31
Cyclohexane
Concen: 1.115 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024789.D
Acq: 13 Oct 2021 17:22

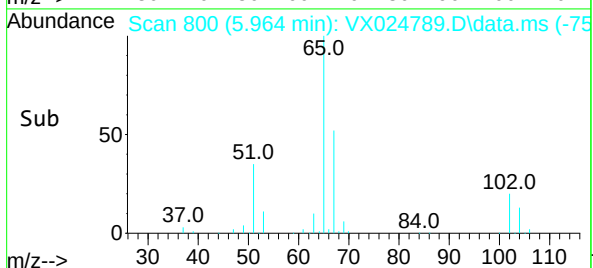
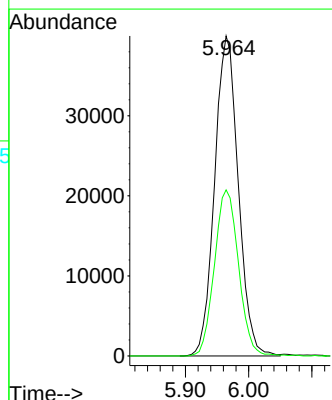
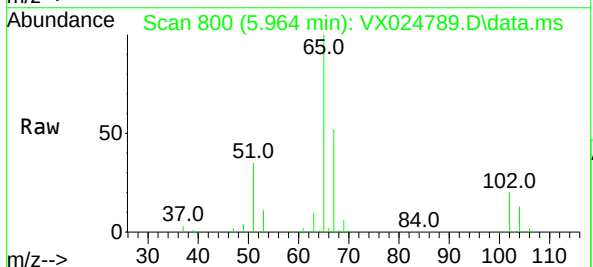
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBL01

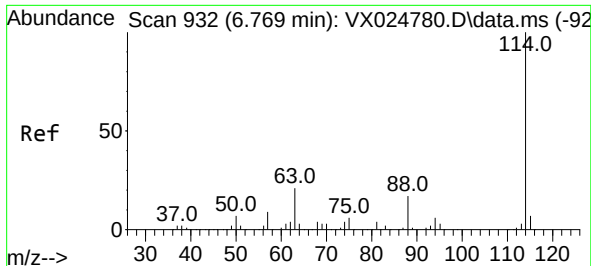
Tgt Ion: 56 Resp: 2774
Ion Ratio Lower Upper
56 100
69 180.9 24.2 36.2#
84 121.6 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 55.435 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024789.D
Acq: 13 Oct 2021 17:22

Tgt Ion: 65 Resp: 103560
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.0

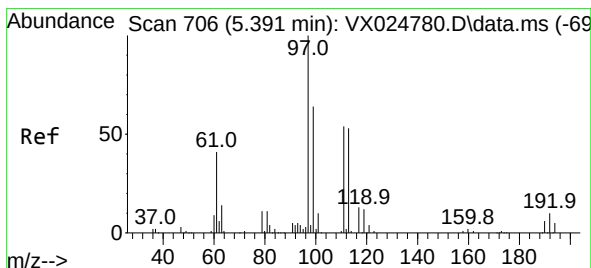
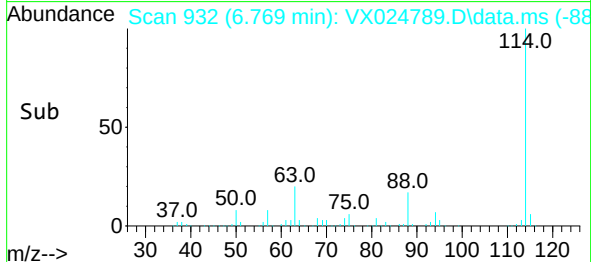
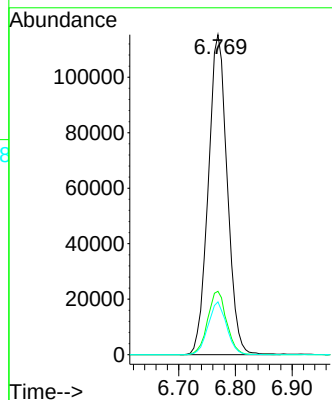
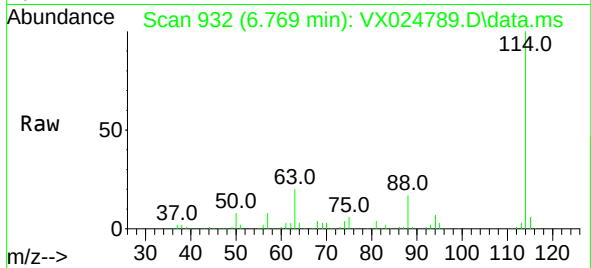




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024789.D
Acq: 13 Oct 2021 17:22

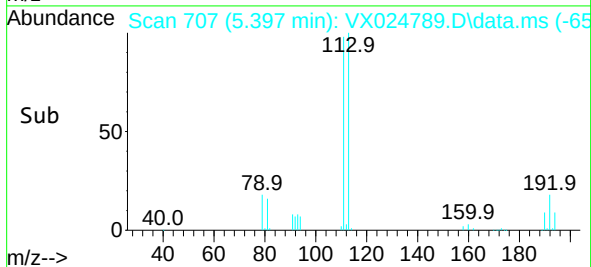
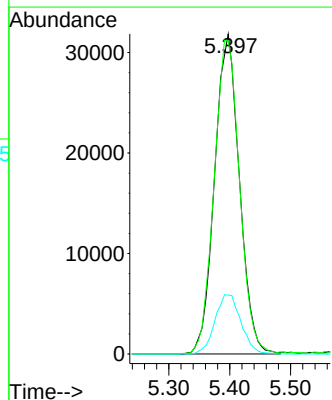
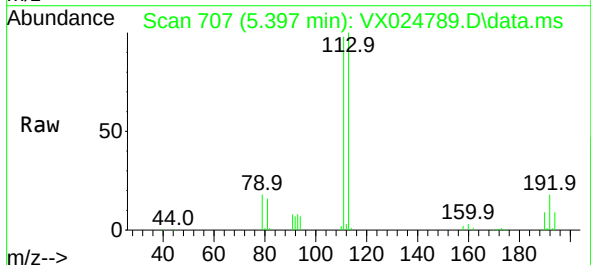
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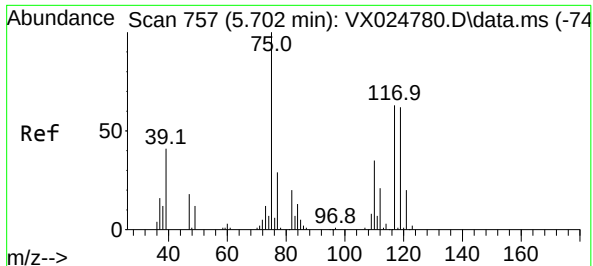
Tgt Ion:114 Resp: 267852
Ion Ratio Lower Upper
114 100
63 19.8 0.0 41.0
88 16.5 0.0 34.8



#35
Dibromofluoromethane
Concen: 56.436 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX024789.D
Acq: 13 Oct 2021 17:22

Tgt Ion:113 Resp: 89991
Ion Ratio Lower Upper
113 100
111 100.9 82.1 123.1
192 19.3 15.6 23.4





#36

1,1-Dichloropropene

Concen: 4.693 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX024789.D

Acq: 13 Oct 2021 17:22

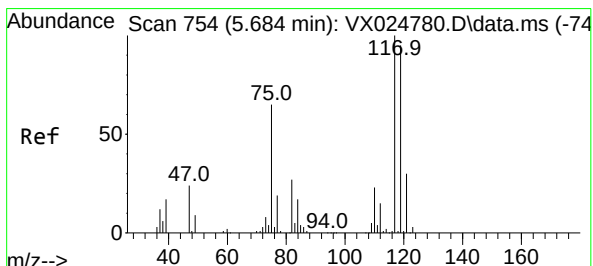
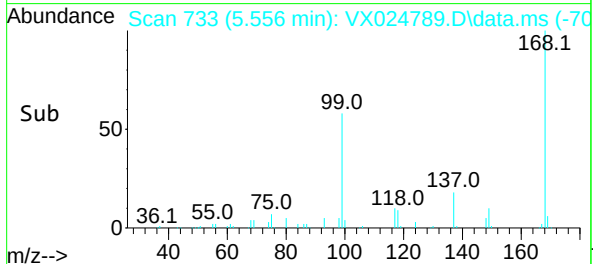
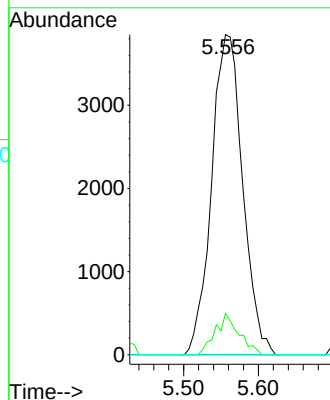
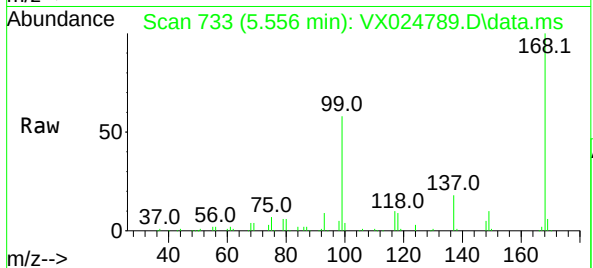
Tgt Ion: 75 Resp: 11126

Ion Ratio Lower Upper

75 100

110 9.8 18.1 54.3#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.659 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.122 min

Lab File: VX024789.D

Acq: 13 Oct 2021 17:22

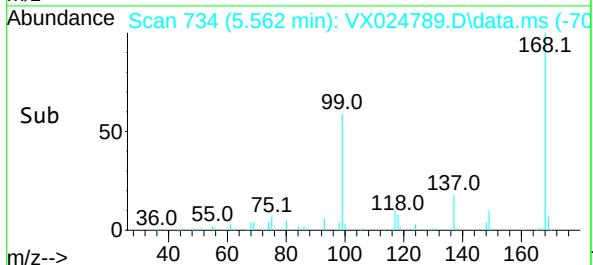
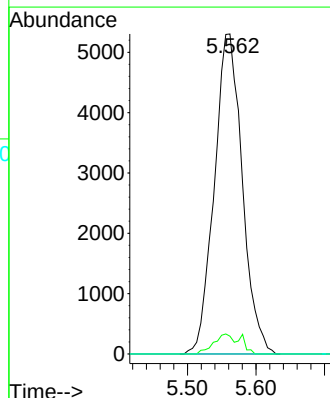
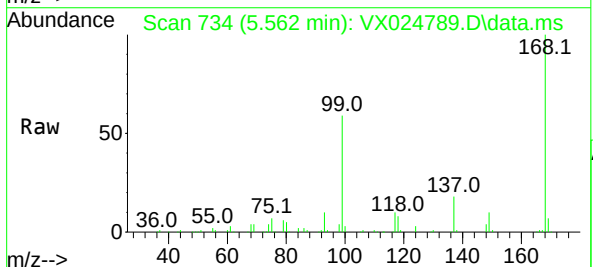
Tgt Ion: 117 Resp: 15031

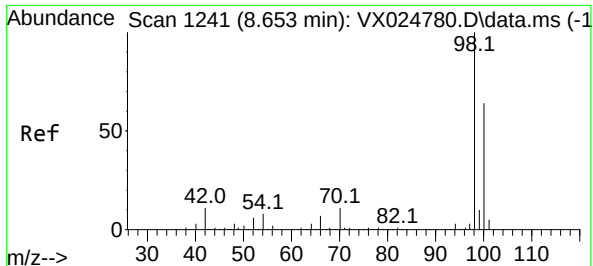
Ion Ratio Lower Upper

117 100

119 5.6 75.6 113.4#

121 0.0 23.7 35.5#

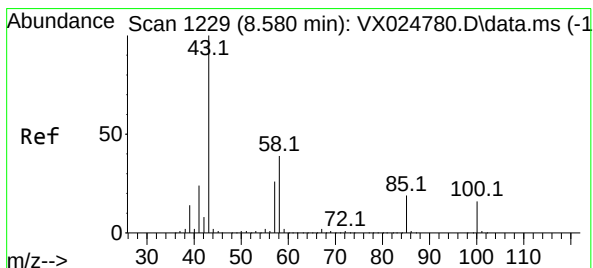
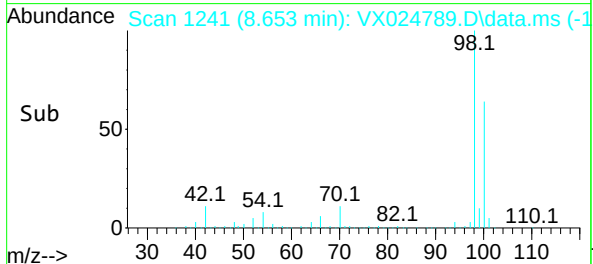
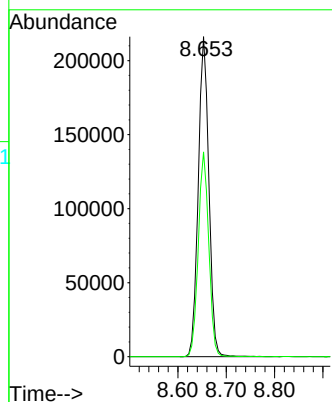
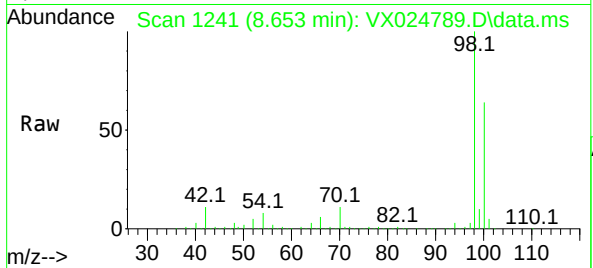




#50
Toluene-d8
Concen: 55.624 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX024789.D
Acq: 13 Oct 2021 17:22

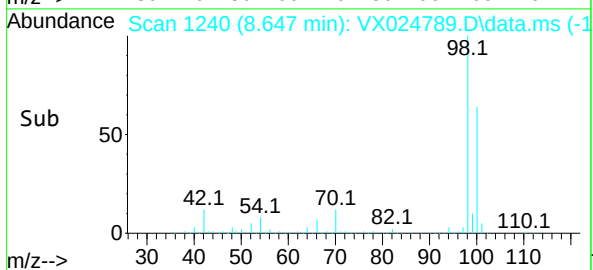
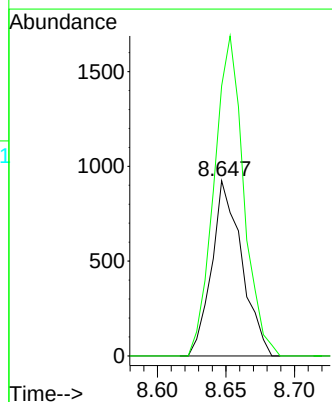
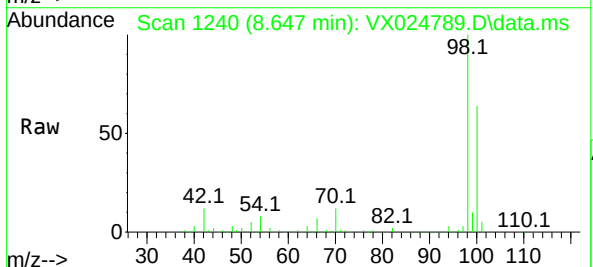
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBL01

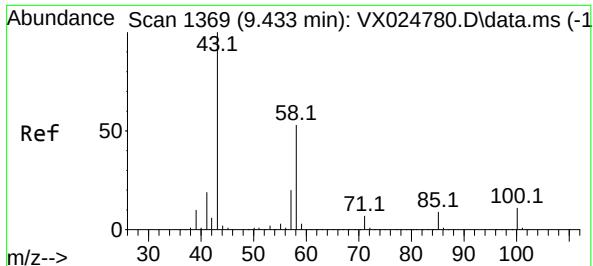
Tgt Ion: 98 Resp: 328088
Ion Ratio Lower Upper
98 100
100 63.3 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.501 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX024789.D
Acq: 13 Oct 2021 17:22

Tgt Ion: 43 Resp: 1404
Ion Ratio Lower Upper
43 100
58 181.1 30.9 46.3#

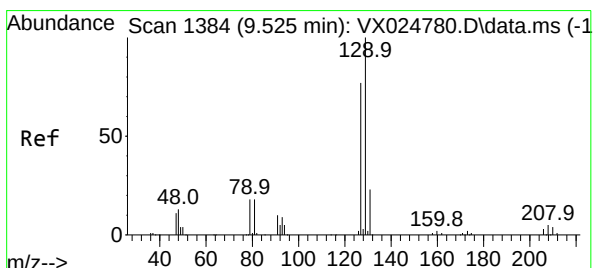
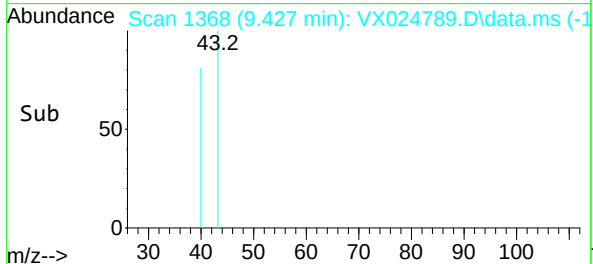
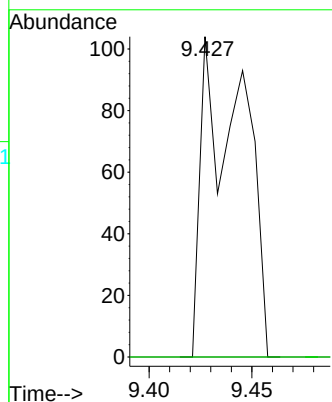
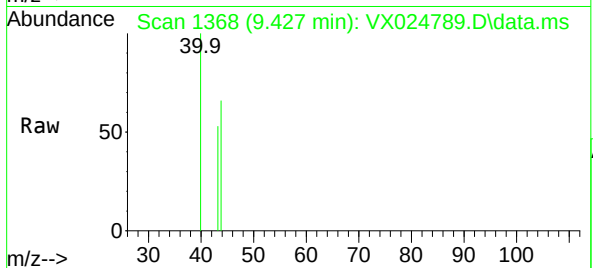




#59
2-Hexanone
Concen: Below Cal
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX024789.D
Acq: 13 Oct 2021 17:22

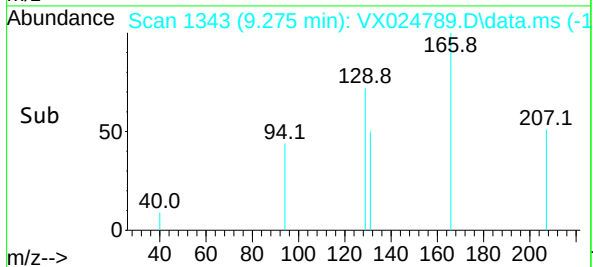
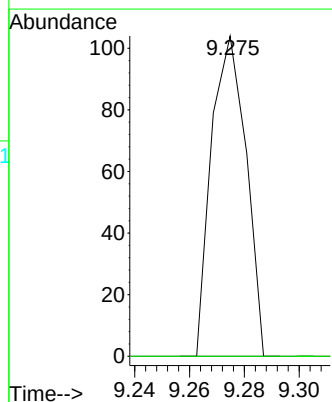
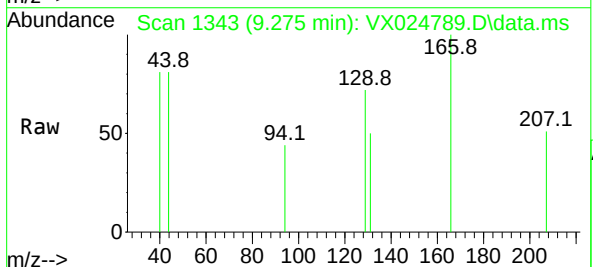
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBL01

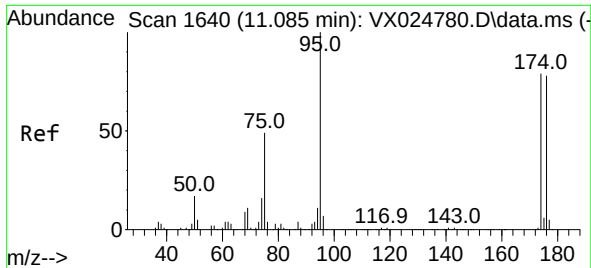
Tgt Ion: 43 Resp: 144
Ion Ratio Lower Upper
43 100
58 0.0 26.6 79.7#



#60
Dibromochloromethane
Concen: 0.830 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024789.D
Acq: 13 Oct 2021 17:22

Tgt Ion: 129 Resp: 91
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

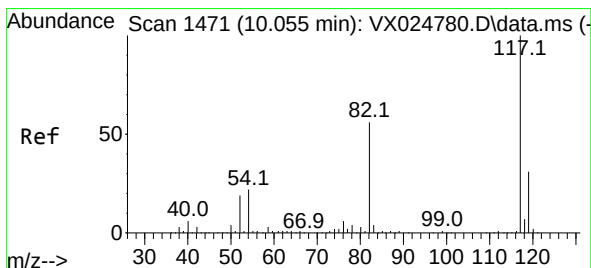
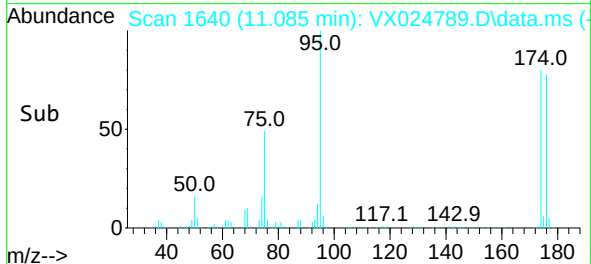
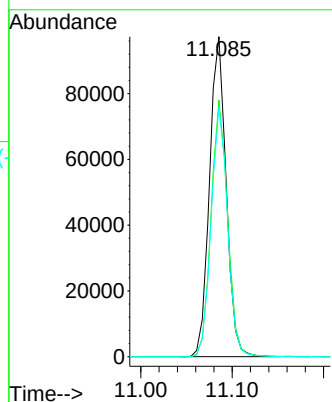
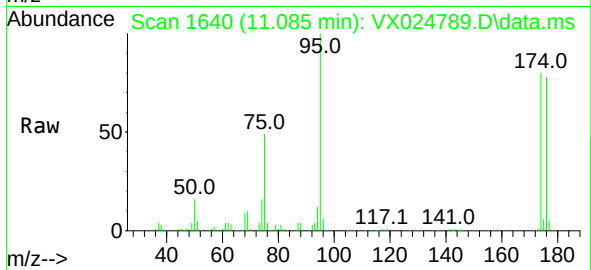




#62
4-Bromofluorobenzene
Concen: 53.011 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024789.D
Acq: 13 Oct 2021 17:22

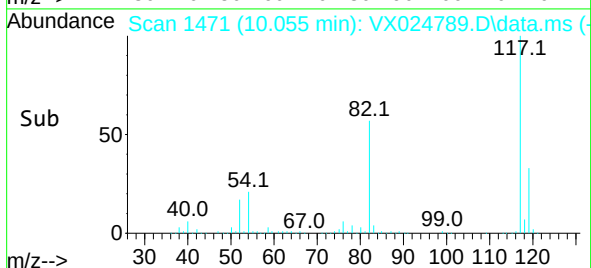
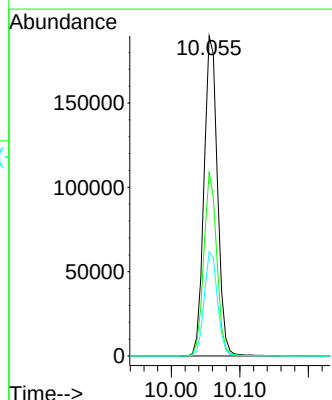
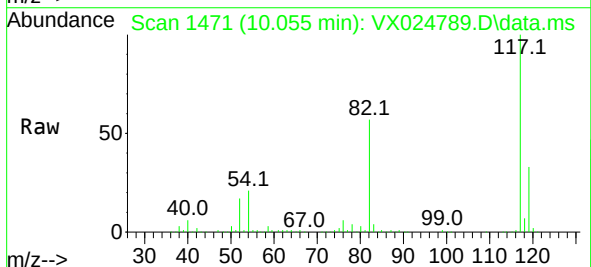
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBL01

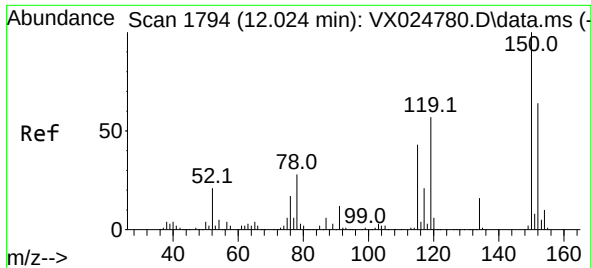
Tgt Ion: 95 Resp: 122978
Ion Ratio Lower Upper
95 100
174 79.8 0.0 158.0
176 76.7 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024789.D
Acq: 13 Oct 2021 17:22

Tgt Ion: 117 Resp: 259429
Ion Ratio Lower Upper
117 100
82 57.3 44.6 67.0
119 32.6 24.8 37.2

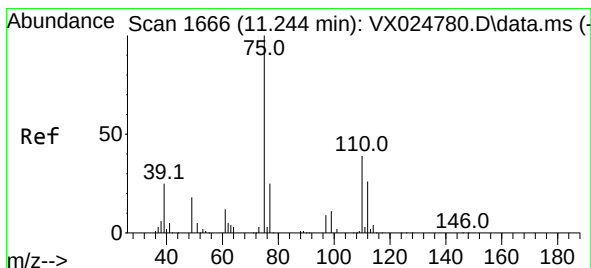
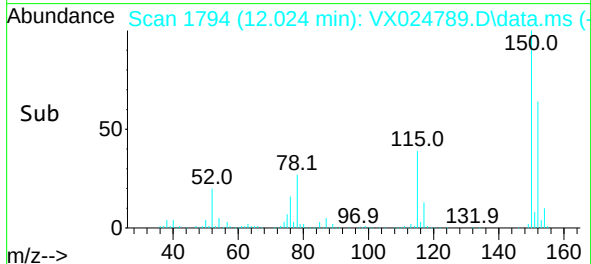
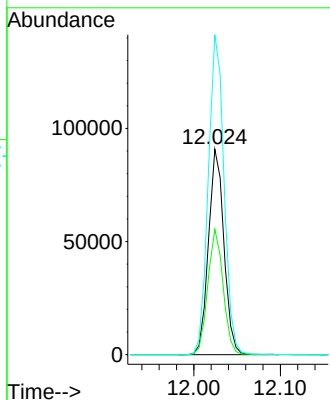
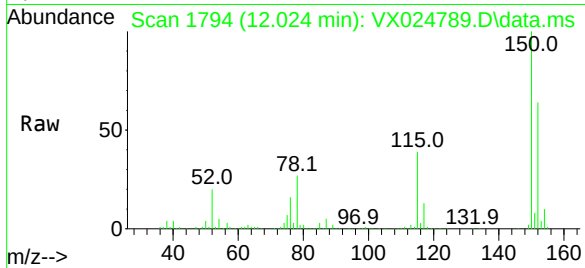




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024789.D
 Acq: 13 Oct 2021 17:22

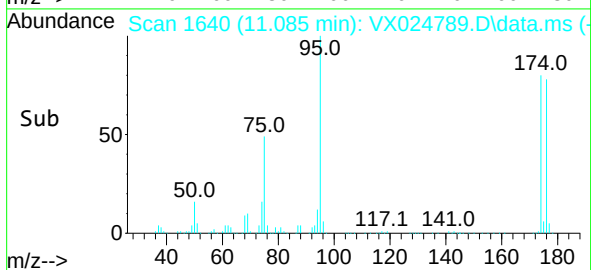
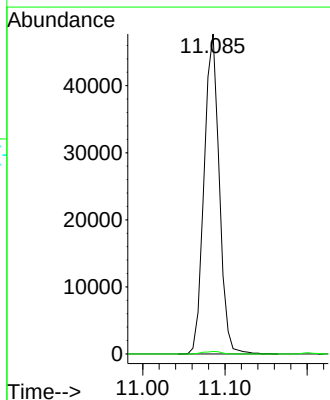
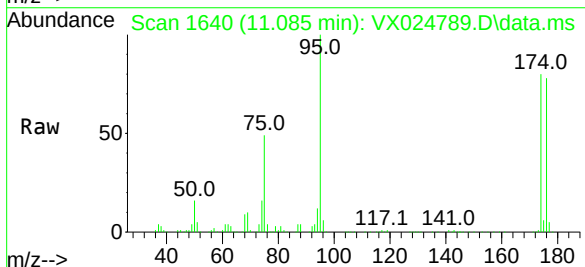
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013WBL01

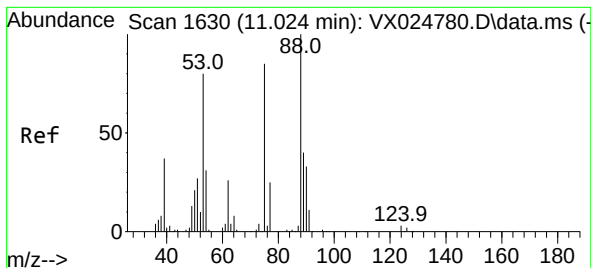
Tgt Ion:152 Resp: 112726
 Ion Ratio Lower Upper
 152 100
 115 60.4 43.3 129.8
 150 158.4 0.0 351.2



#76
 1,2,3-Trichloropropane
 Concen: 26.017 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.158 min
 Lab File: VX024789.D
 Acq: 13 Oct 2021 17:22

Tgt Ion: 75 Resp: 61186
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.0 59.9#

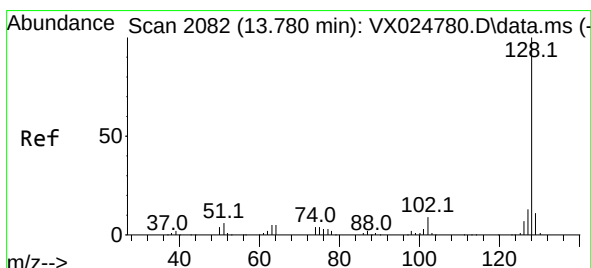
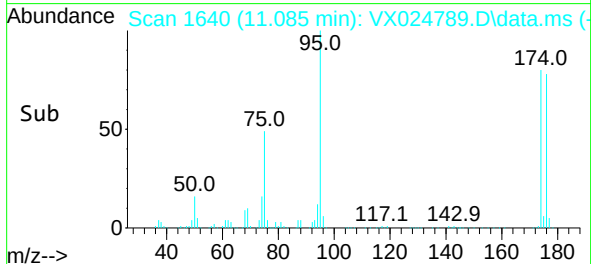
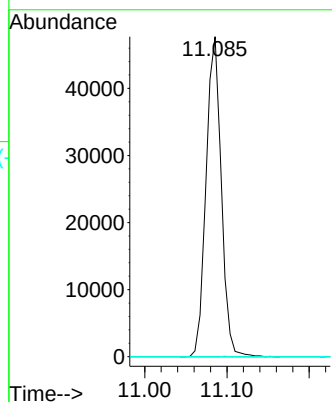
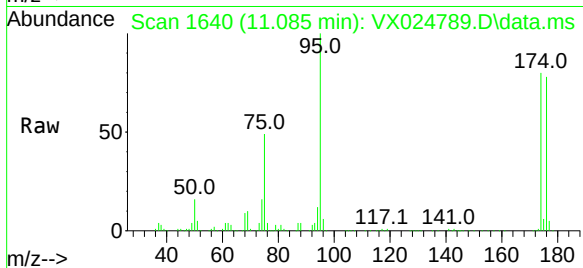




#81
trans-1,4-Dichloro-2-butene
Concen: 70.062 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024789.D
Acq: 13 Oct 2021 17:22

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBL01

Tgt Ion: 75 Resp: 61186
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#



#95
Naphthalene
Concen: 0.291 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024789.D
Acq: 13 Oct 2021 17:22

Tgt Ion: 128 Resp: 294
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

