

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101421\
 Data File : VX024811.D
 Acq On : 14 Oct 2021 14:01
 Operator : JC/MD
 Sample : VX1014WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBL01

Quant Time: Oct 14 14:28:18 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)

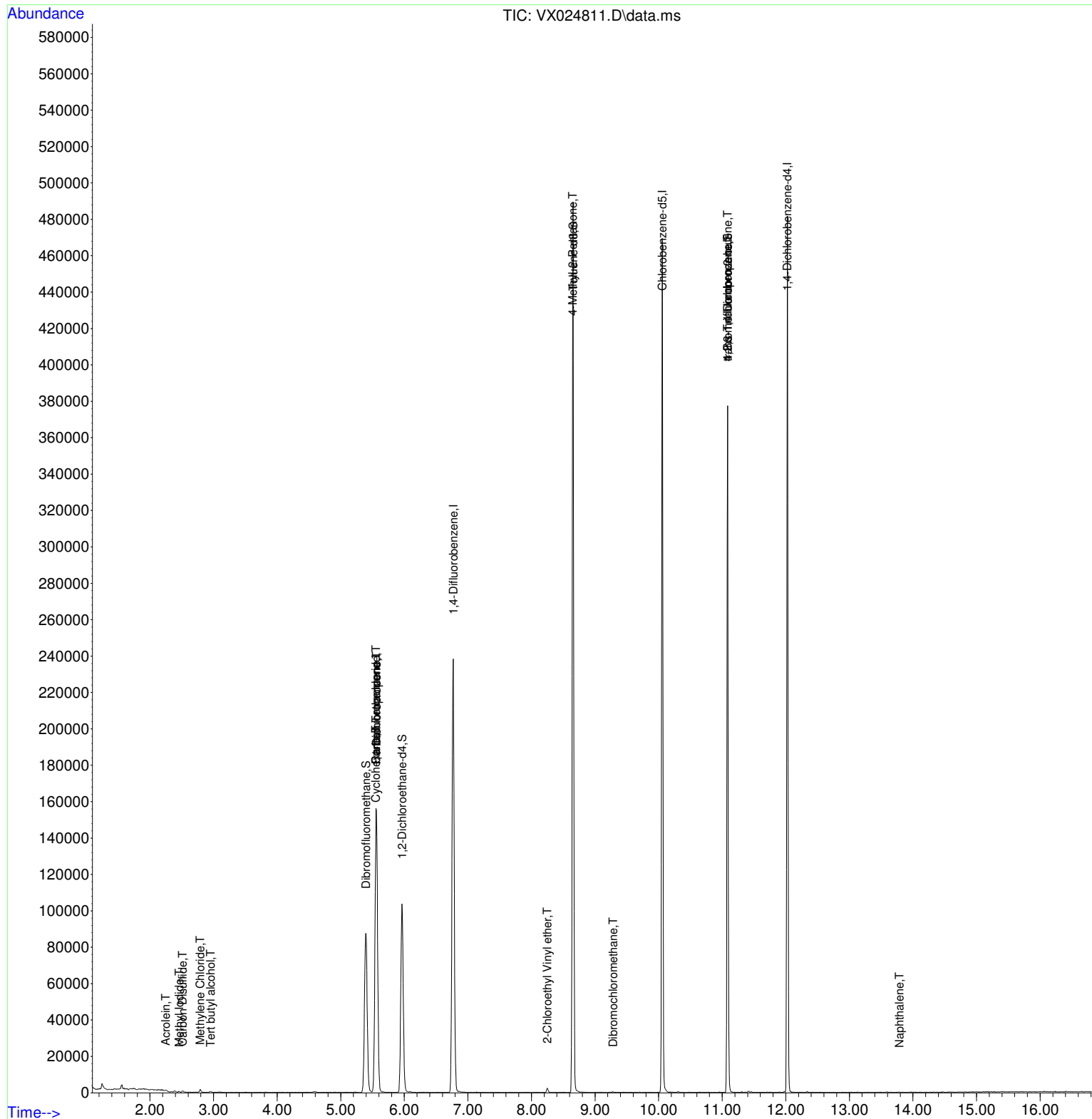
Internal Standards						
1) Pentafluorobenzene	5.556	168	146945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	238656	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95281	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105329	58.32	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	116.64%		
35) Dibromofluoromethane	5.397	113	79141	55.70	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	111.40%		
50) Toluene-d8	8.653	98	286041	54.43	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	108.86%		
62) 4-Bromofluorobenzene	11.085	95	98885	47.84	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.68%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	401	Below Cal	#	65
10) Methyl Iodide	2.459	142	365	1.12 ug/l	#	71
11) Tert butyl alcohol	2.953	59	249	0.65 ug/l	#	72
13) Acrolein	2.245	56	55	0.35 ug/l	#	13
16) Acetone	2.386	43	849	Below Cal	#	75
17) Carbon Disulfide	2.514	76	841	0.25 ug/l	#	76
20) Methylene Chloride	2.788	84	693	0.45 ug/l	#	72
31) Cyclohexane	5.550	56	2985	1.24 ug/l	#	1
36) 1,1-Dichloropropene	5.562	75	11103	5.26 ug/l	#	50
38) Carbon Tetrachloride	5.556	117	15664	6.62 ug/l	#	16
51) 4-Methyl-2-Pentanone	8.647	43	1250	0.50 ug/l	#	1
58) 2-Chloroethyl Vinyl ether	8.250	63	1046	0.90 ug/l		95
59) 2-Hexanone	9.445	43	19	Below Cal	#	25
60) Dibromochloromethane	9.281	129	72	0.82 ug/l	#	11
70) Styrene	10.652	104	125	Below Cal	#	25
76) 1,2,3-Trichloropropane	11.085	75	50927	25.62 ug/l	#	37
81) trans-1,4-Dichloro-2-b...	11.085	75	50927	69.01 ug/l	#	9
95) Naphthalene	13.786	128	270	0.29 ug/l	#	69

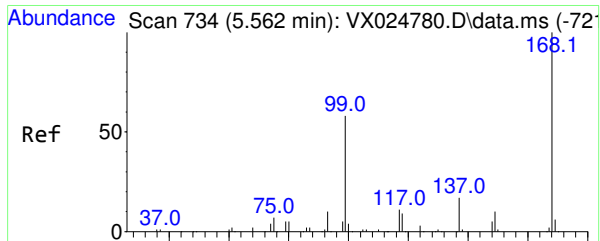
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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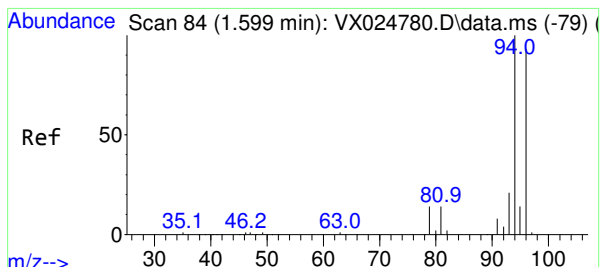
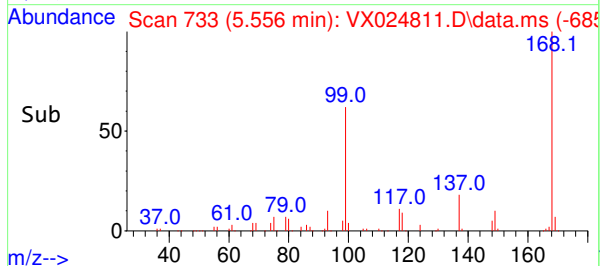
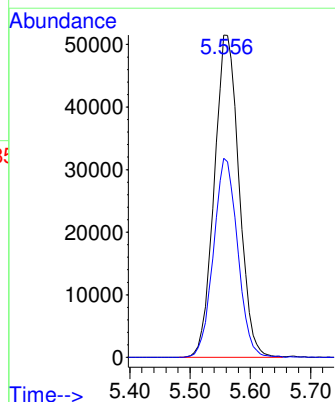
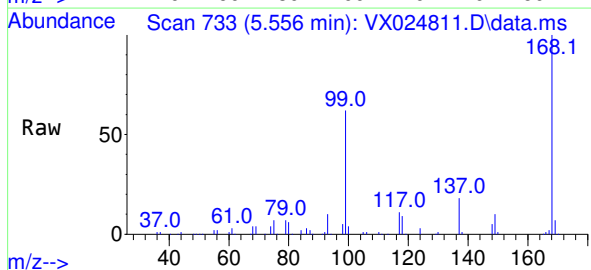




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX024811.D
Acq: 14 Oct 2021 14:01

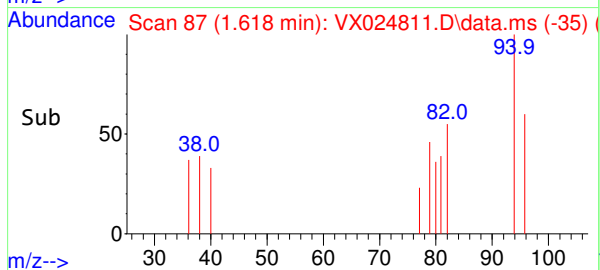
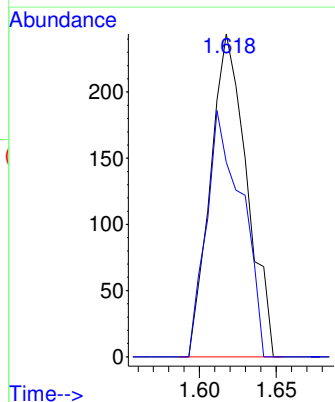
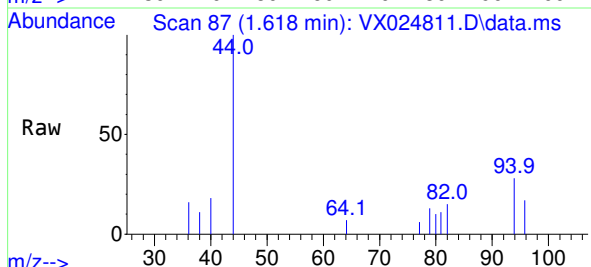
Instrument :
MSVOA_X
ClientSampled :
VX1014WBL01

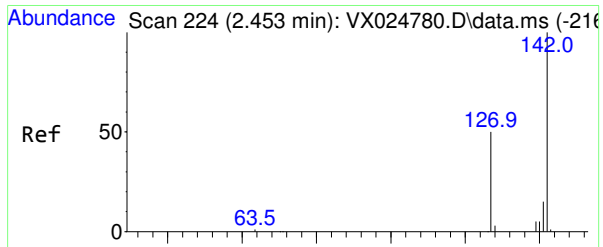
Tgt Ion:168 Resp: 146945
Ion Ratio Lower Upper
168 100
99 61.8 46.4 69.6



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024811.D
Acq: 14 Oct 2021 14:01

Tgt Ion: 94 Resp: 401
Ion Ratio Lower Upper
94 100
96 60.2 74.8 112.2#

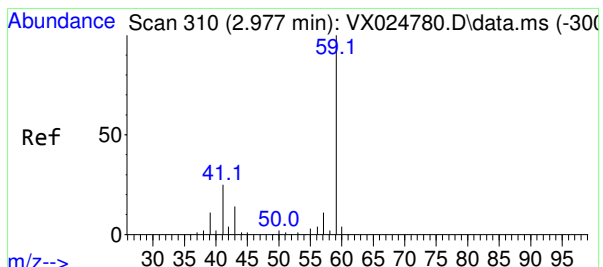
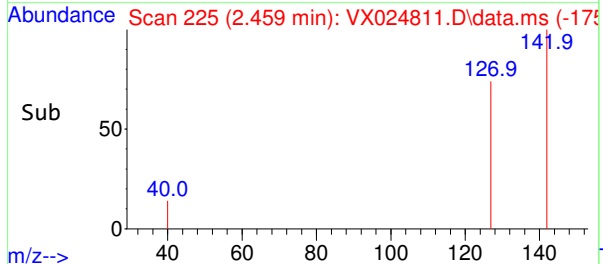
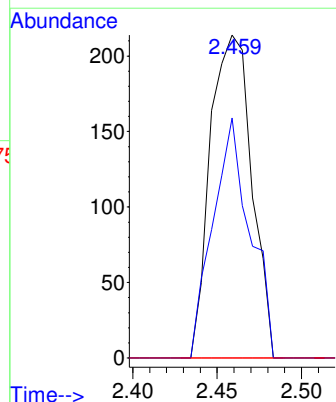
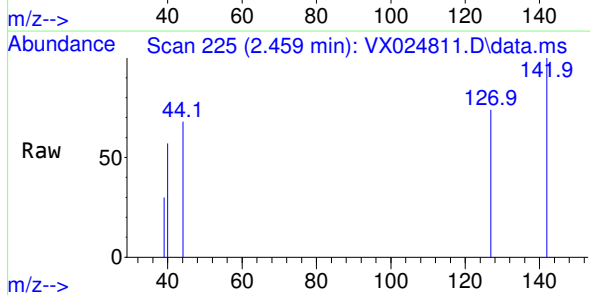




#10
Methyl Iodide
Concen: 1.12 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024811.D
Acq: 14 Oct 2021 14:01

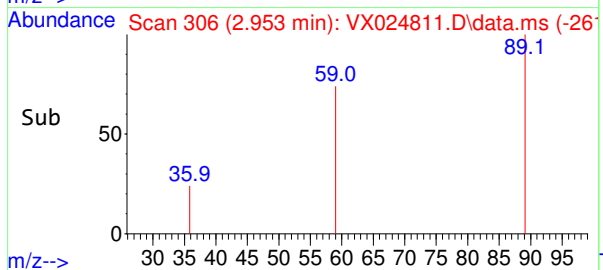
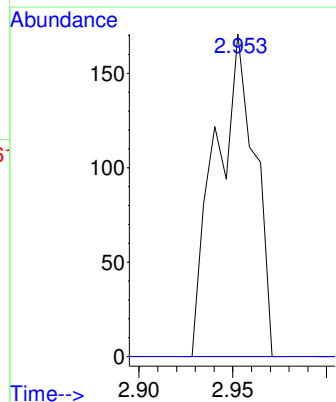
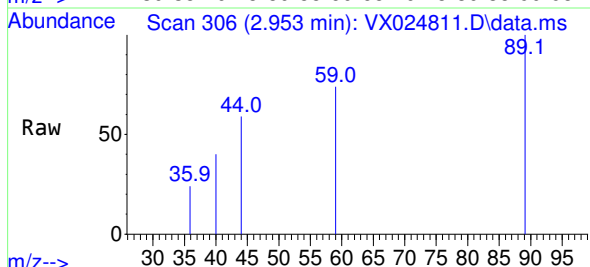
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBL01

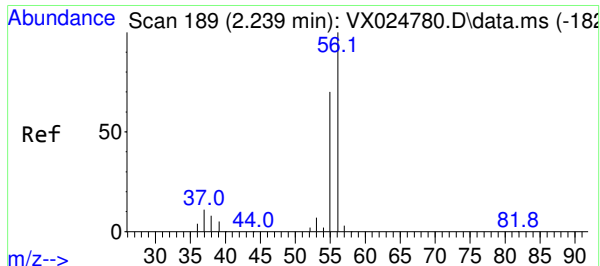
Tgt Ion:142 Resp: 365
Ion Ratio Lower Upper
142 100
127 66.6 38.9 58.3#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 0.65 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX024811.D
Acq: 14 Oct 2021 14:01

Tgt Ion: 59 Resp: 249
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

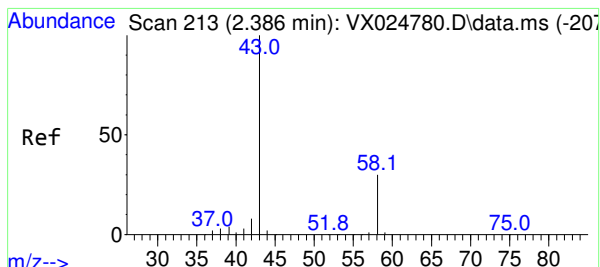
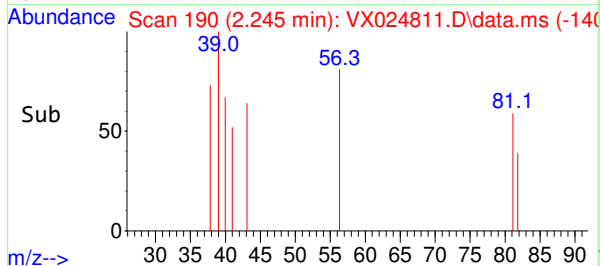
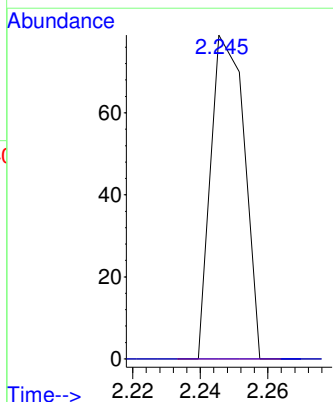
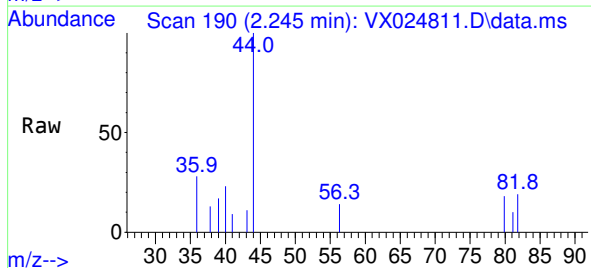




#13
Acrolein
Concen: 0.35 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX024811.D
Acq: 14 Oct 2021 14:01

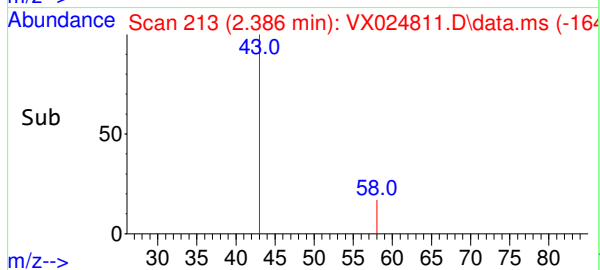
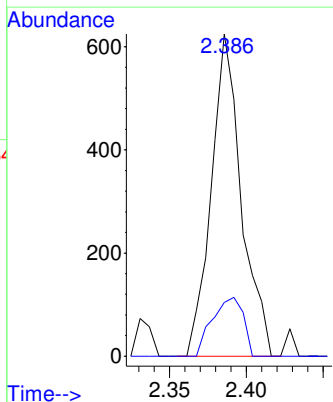
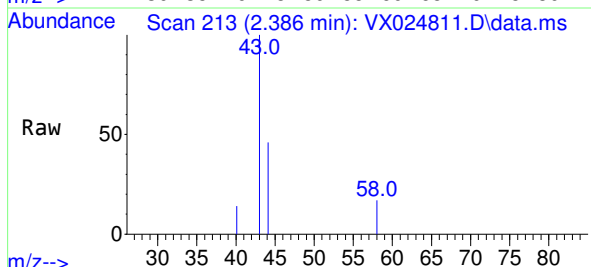
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBL01

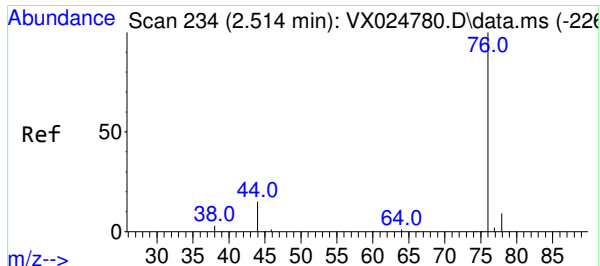
Tgt Ion: 56 Resp: 55
Ion Ratio Lower Upper
56 100
55 0.0 58.6 87.8#



#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024811.D
Acq: 14 Oct 2021 14:01

Tgt Ion: 43 Resp: 849
Ion Ratio Lower Upper
43 100
58 16.6 24.0 36.0#

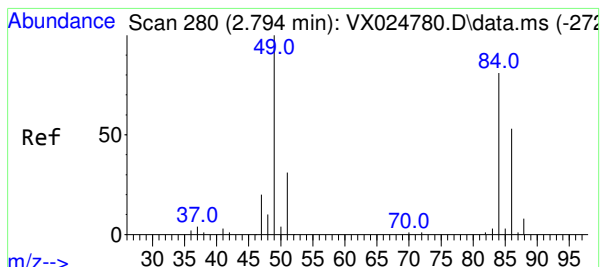
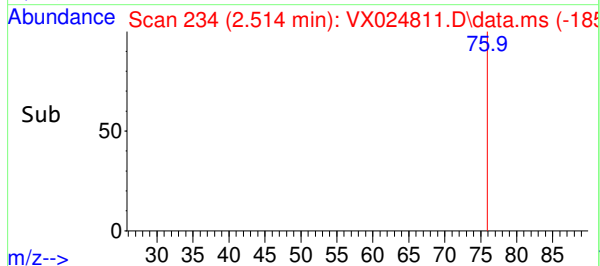
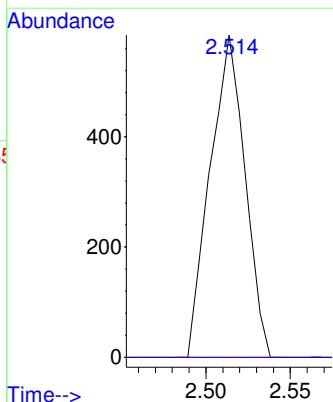
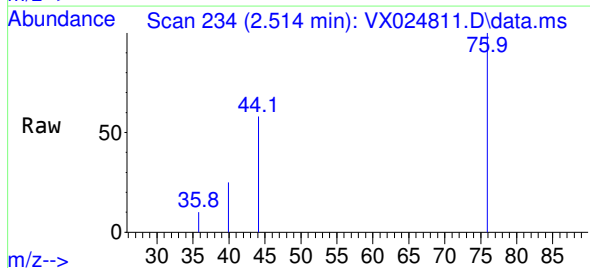




#17
Carbon Disulfide
Concen: 0.25 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024811.D
Acq: 14 Oct 2021 14:01

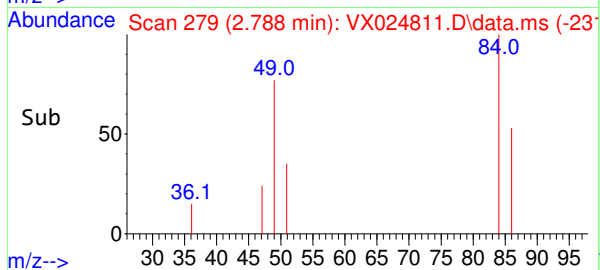
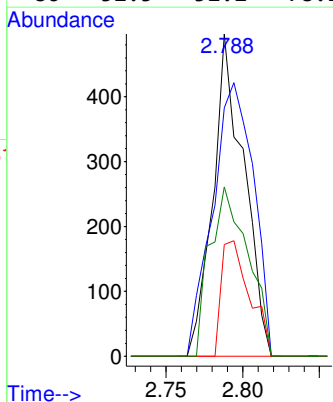
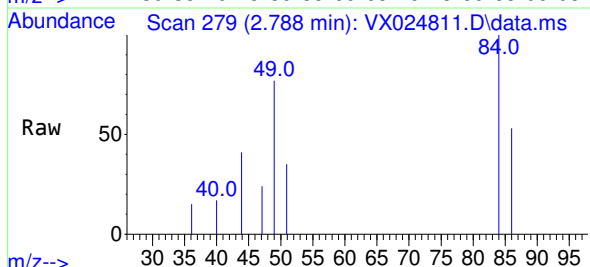
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBL01

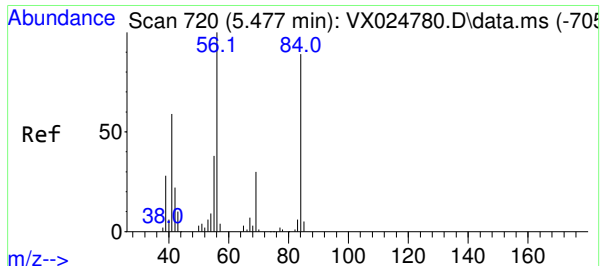
Tgt Ion: 76 Resp: 841
Ion Ratio Lower Upper
76 100
78 0.0 6.9 10.3#



#20
Methylene Chloride
Concen: 0.45 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX024811.D
Acq: 14 Oct 2021 14:01

Tgt Ion: 84 Resp: 693
Ion Ratio Lower Upper
84 100
49 77.1 98.2 147.2#
51 34.6 30.2 45.4
86 52.5 52.2 78.2

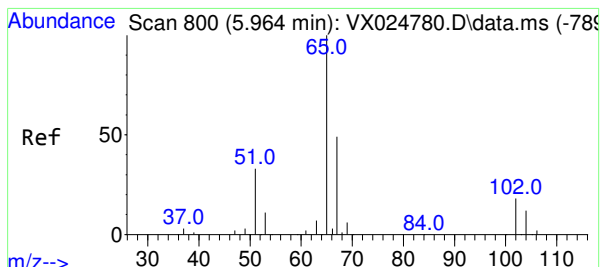
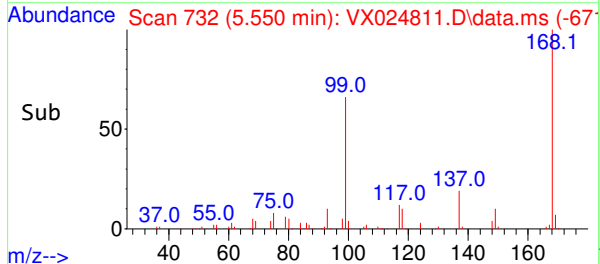
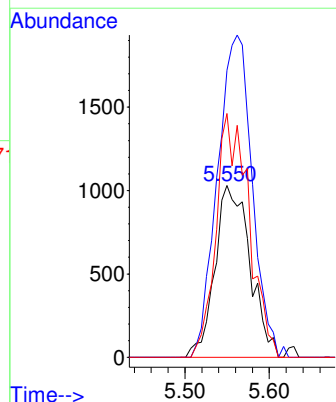
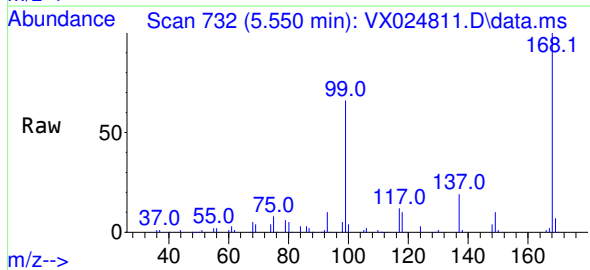




#31
Cyclohexane
Concen: 1.24 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX024811.D
Acq: 14 Oct 2021 14:01

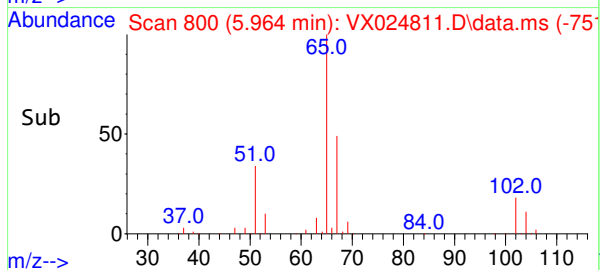
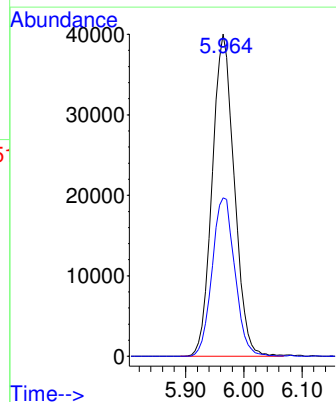
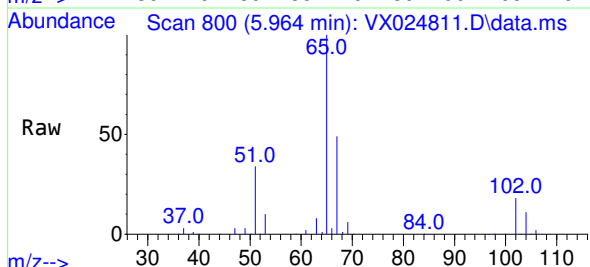
Instrument :
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ClientSampleId :
VX1014WBL01

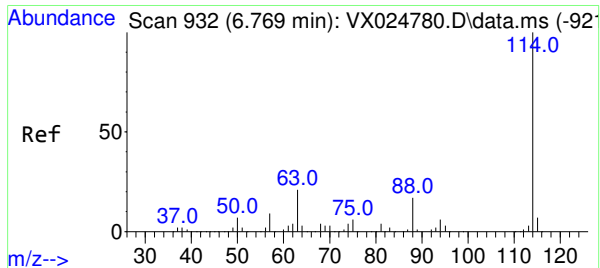
Tgt Ion: 56 Resp: 2985
Ion Ratio Lower Upper
56 100
69 167.0 24.2 36.2#
84 141.9 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 58.32 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX024811.D
Acq: 14 Oct 2021 14:01

Tgt Ion: 65 Resp: 105329
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.0

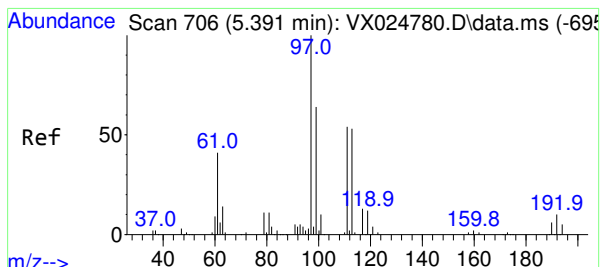
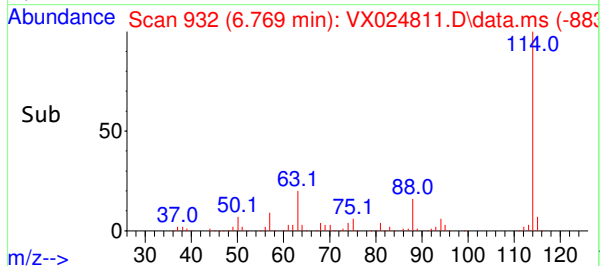
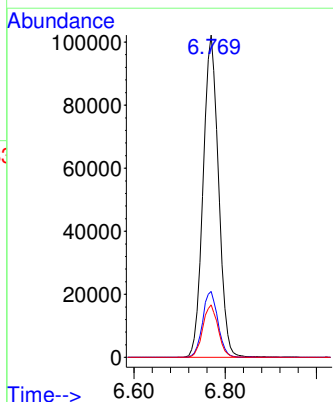
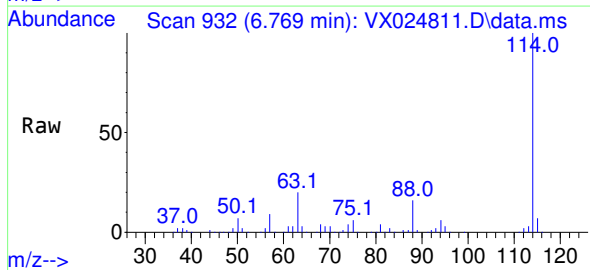




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024811.D
Acq: 14 Oct 2021 14:01

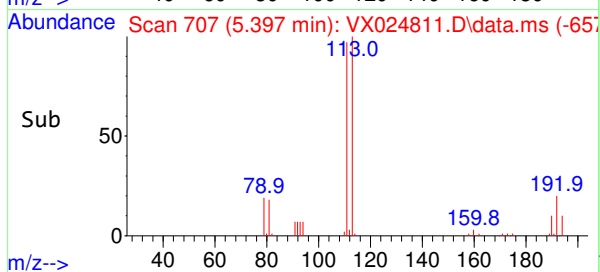
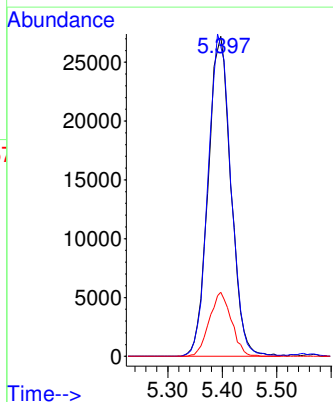
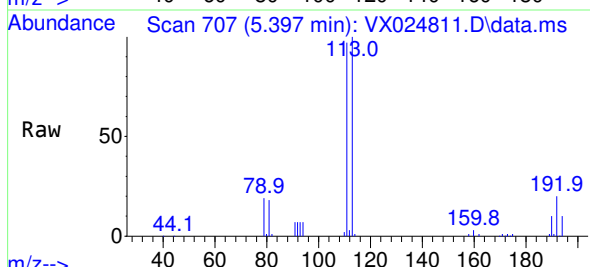
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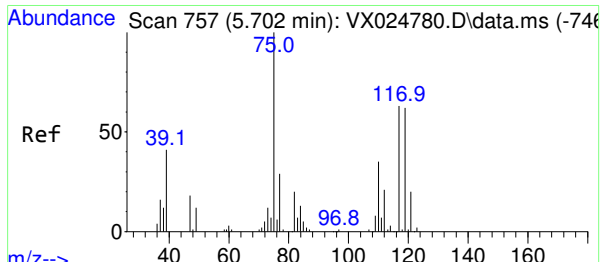
Tgt Ion:	114	Resp:	238656
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	41.0
88	16.3	0.0	34.8



#35
Dibromofluoromethane
Concen: 55.70 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX024811.D
Acq: 14 Oct 2021 14:01

Tgt Ion:	113	Resp:	79141
Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.1	123.1
192	19.4	15.6	23.4

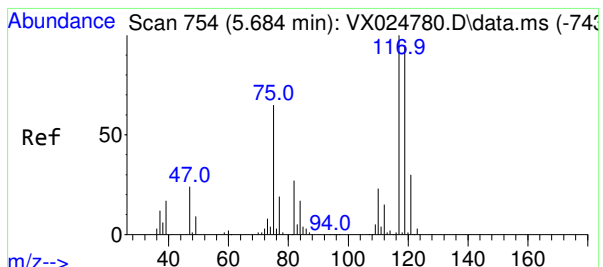
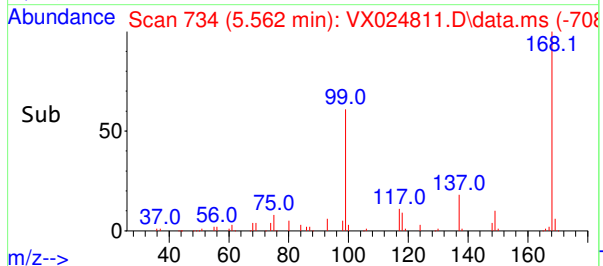
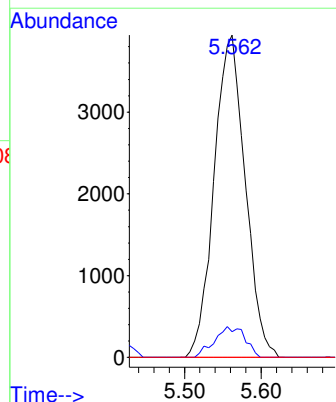
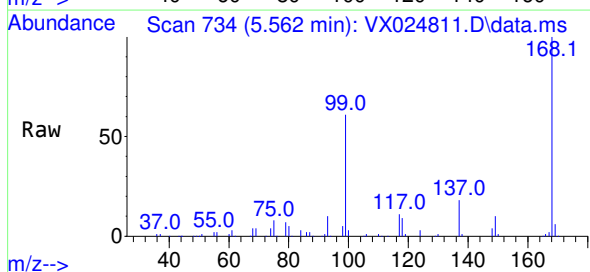




#36
1,1-Dichloropropene
Concen: 5.26 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024811.D
Acq: 14 Oct 2021 14:01

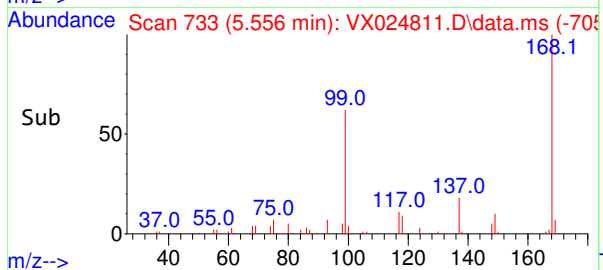
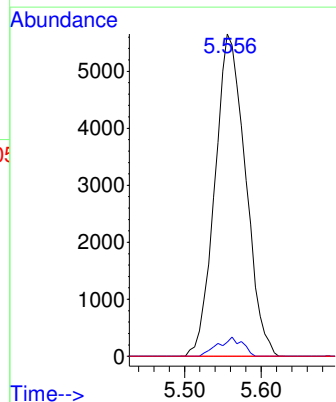
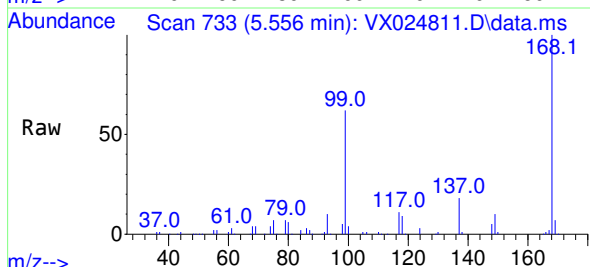
Instrument :
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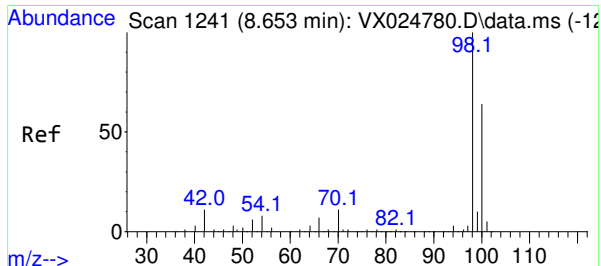
Tgt Ion:	75	Resp:	11103
Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.1	54.3#
77	0.0	24.4	36.6#



#38
Carbon Tetrachloride
Concen: 6.62 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX024811.D
Acq: 14 Oct 2021 14:01

Tgt Ion:	117	Resp:	15664
Ion	Ratio	Lower	Upper
117	100		
119	4.4	75.6	113.4#
121	0.0	23.7	35.5#

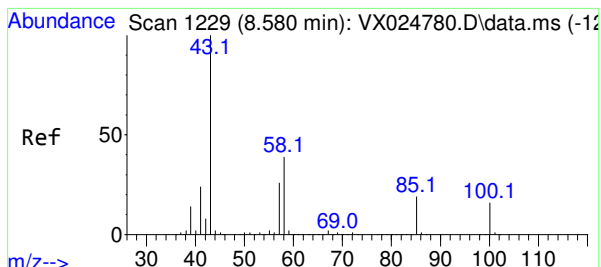
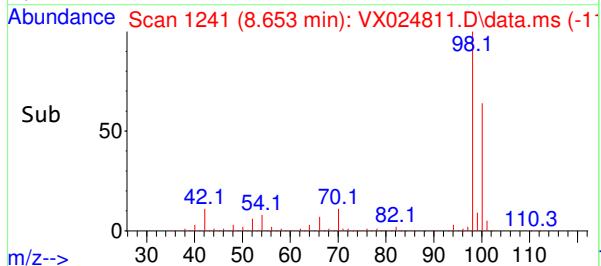
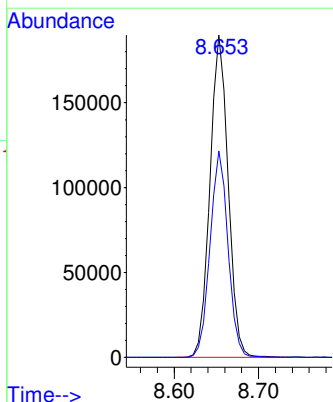
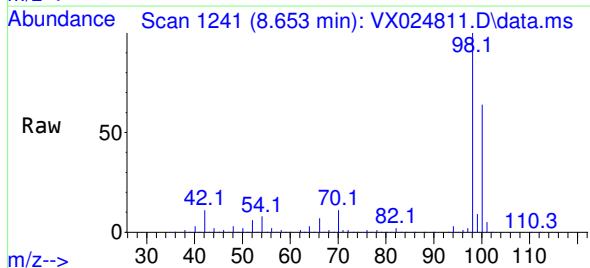




#50
Toluene-d8
Concen: 54.43 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024811.D
Acq: 14 Oct 2021 14:01

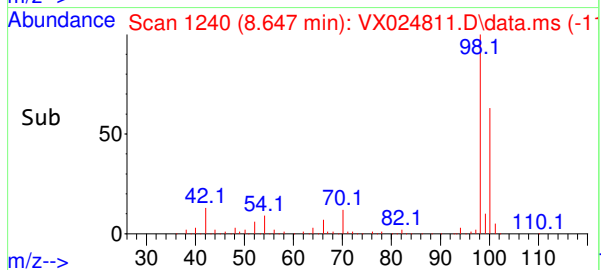
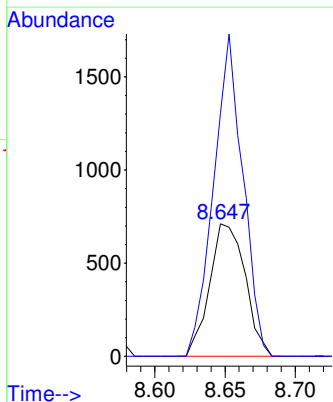
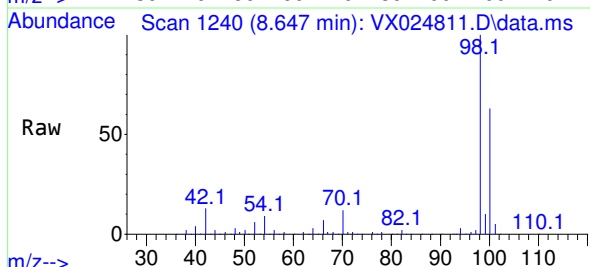
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBL01

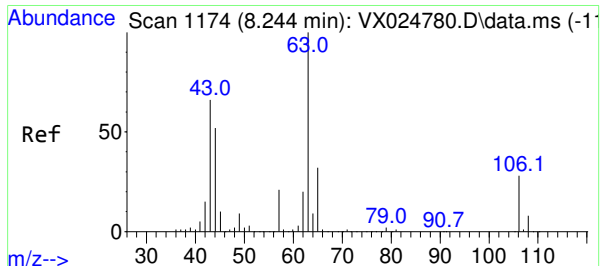
Tgt Ion: 98 Resp: 286041
Ion Ratio Lower Upper
98 100
100 63.2 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.50 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX024811.D
Acq: 14 Oct 2021 14:01

Tgt Ion: 43 Resp: 1250
Ion Ratio Lower Upper
43 100
58 200.6 30.9 46.3#

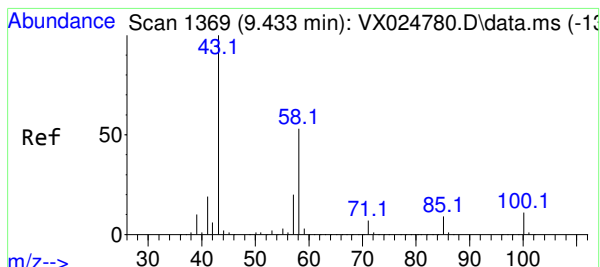
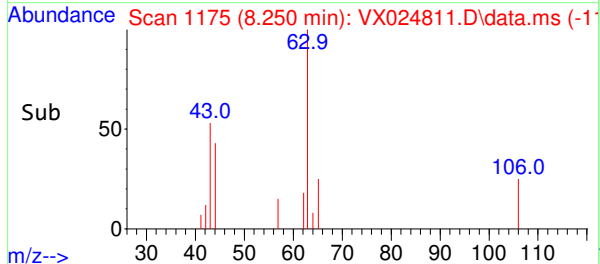
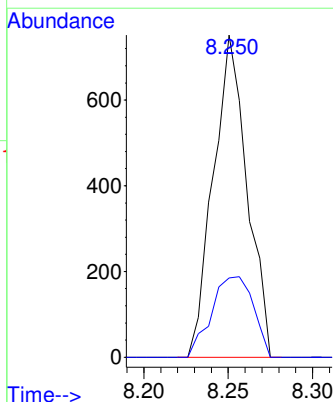
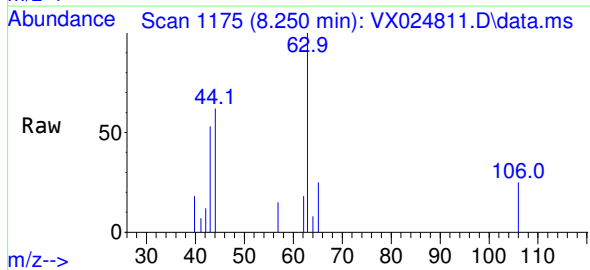




#58
2-Chloroethyl Vinyl ether
Concen: 0.90 ug/l
RT: 8.250 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX024811.D
Acq: 14 Oct 2021 14:01

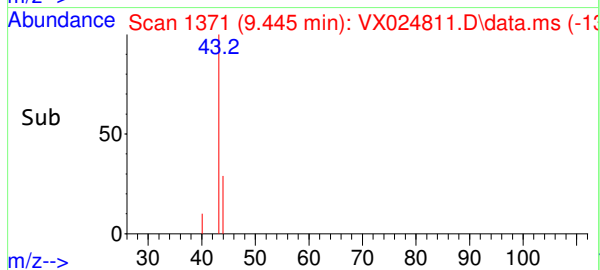
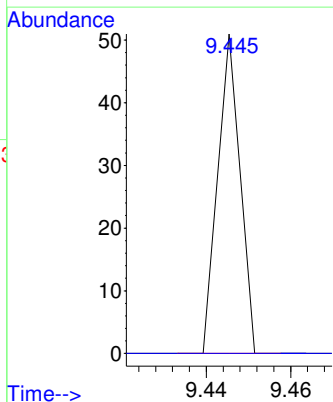
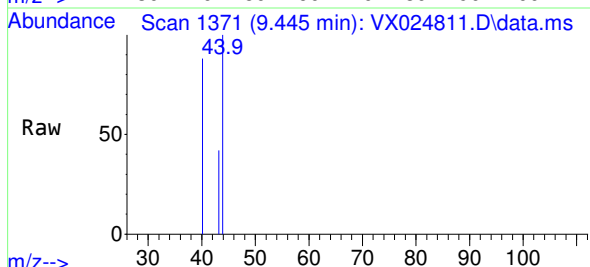
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBL01

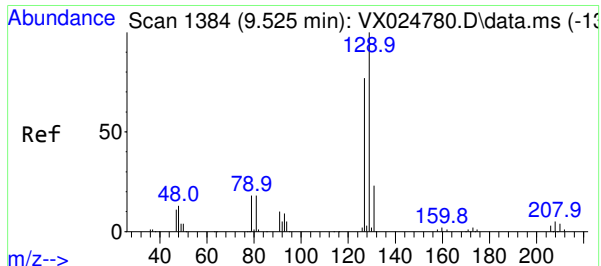
Tgt Ion: 63 Resp: 1046
Ion Ratio Lower Upper
63 100
106 31.0 22.8 34.2



#59
2-Hexanone
Concen: Below Cal
RT: 9.445 min Scan# 1371
Delta R.T. 0.012 min
Lab File: VX024811.D
Acq: 14 Oct 2021 14:01

Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
58 0.0 26.6 79.7#

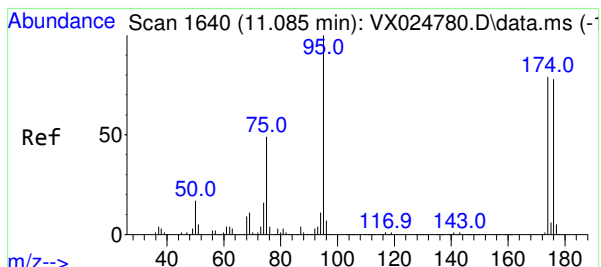
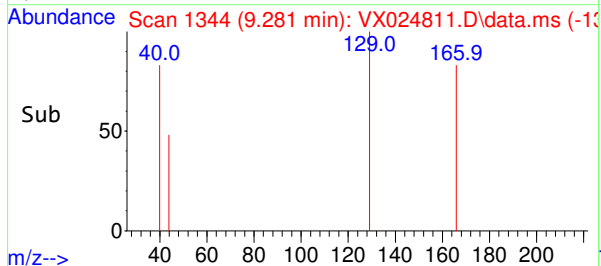
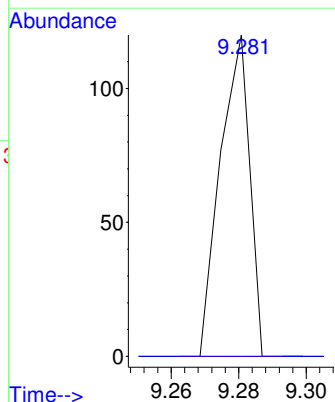
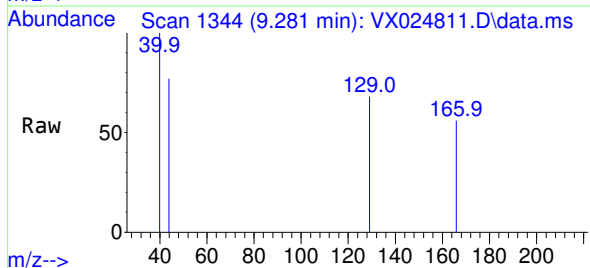




#60
Dibromochloromethane
Concen: 0.82 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX024811.D
Acq: 14 Oct 2021 14:01

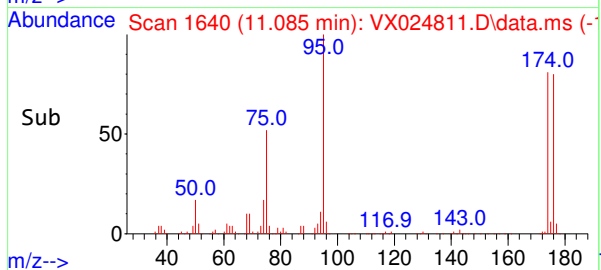
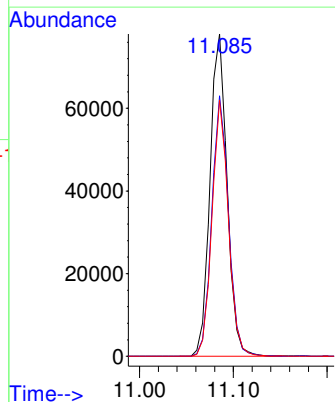
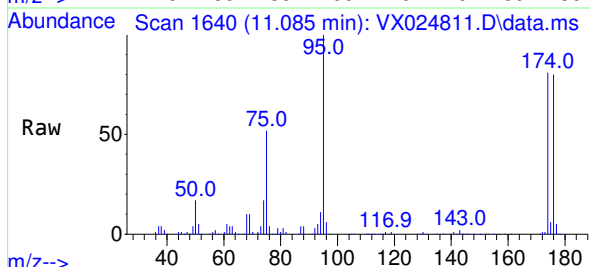
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBL01

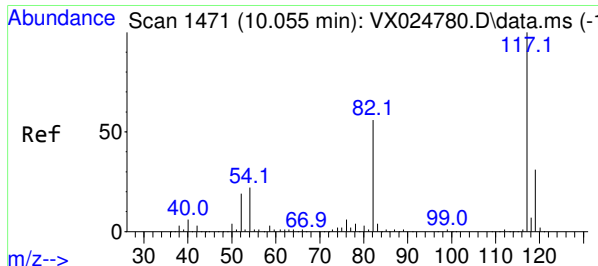
Tgt Ion:129 Resp: 72
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 47.84 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX024811.D
Acq: 14 Oct 2021 14:01

Tgt Ion: 95 Resp: 98885
Ion Ratio Lower Upper
95 100
174 79.0 0.0 158.0
176 76.1 0.0 153.6

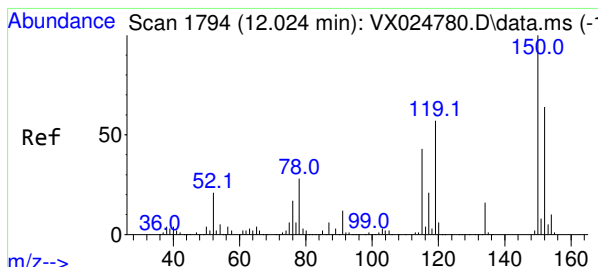
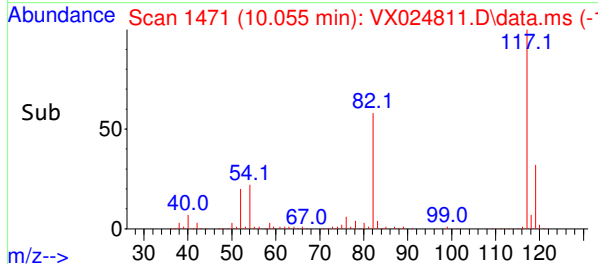
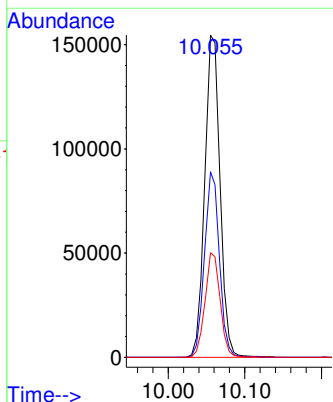
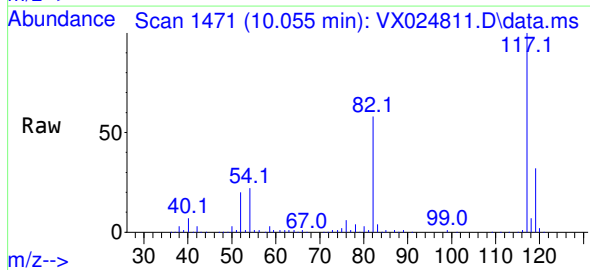




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024811.D
Acq: 14 Oct 2021 14:01

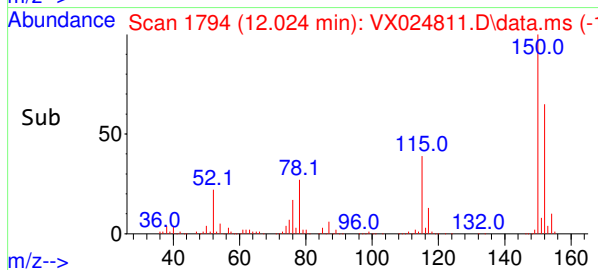
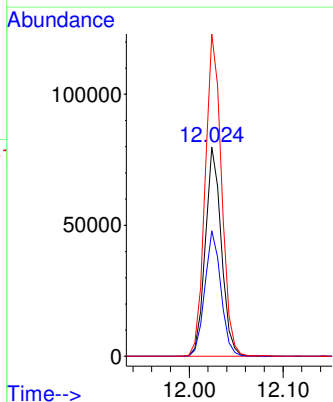
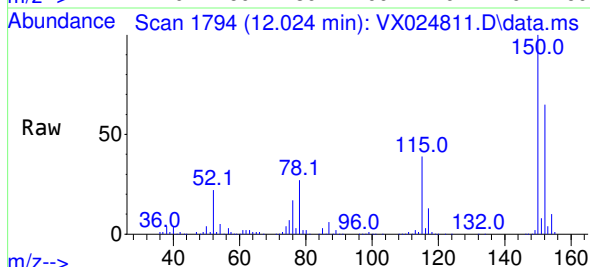
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBL01

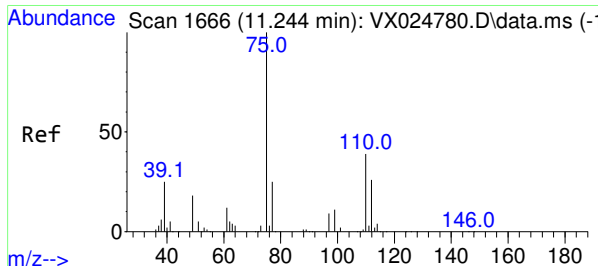
Tgt Ion:	117	Resp:	214988
Ion	Ratio	Lower	Upper
117	100		
82	57.5	44.6	67.0
119	32.5	24.8	37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024811.D
Acq: 14 Oct 2021 14:01

Tgt Ion:	152	Resp:	95281
Ion	Ratio	Lower	Upper
152	100		
115	60.3	43.3	129.8
150	157.6	0.0	351.2

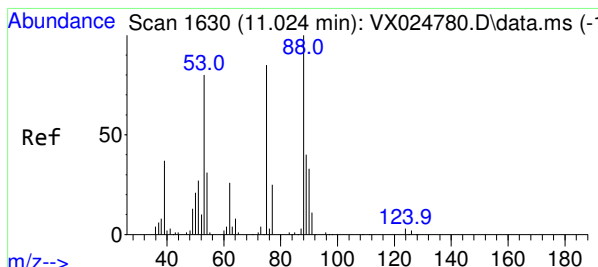
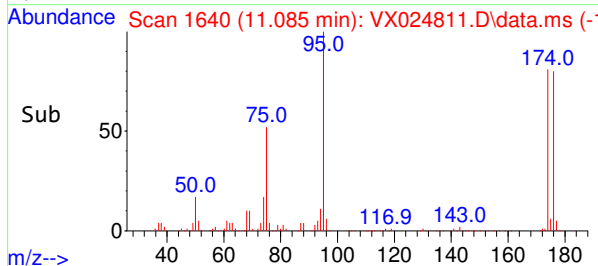
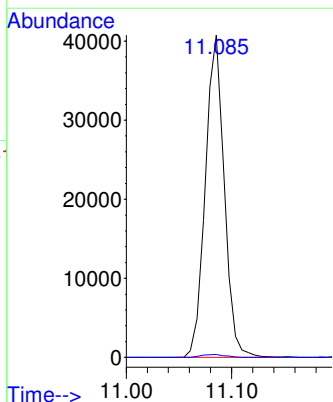
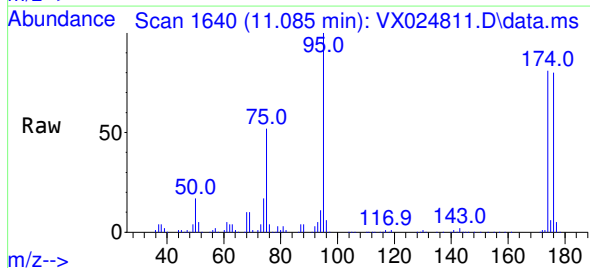




#76
1,2,3-Trichloropropane
Concen: 25.62 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024811.D
Acq: 14 Oct 2021 14:01

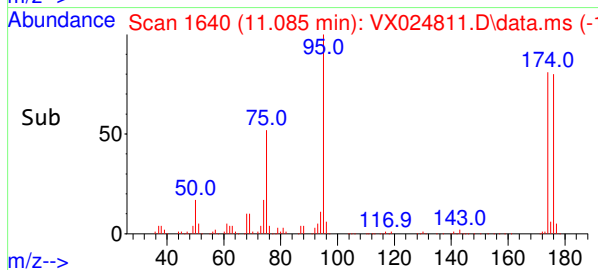
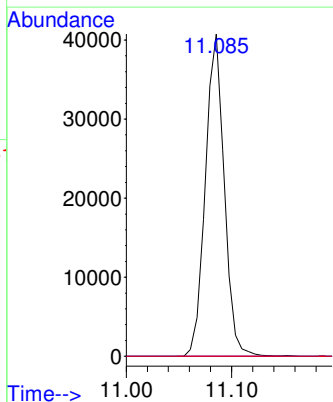
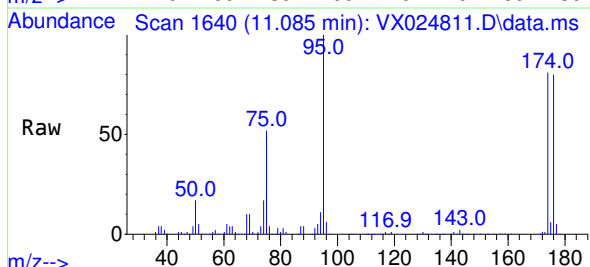
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBL01

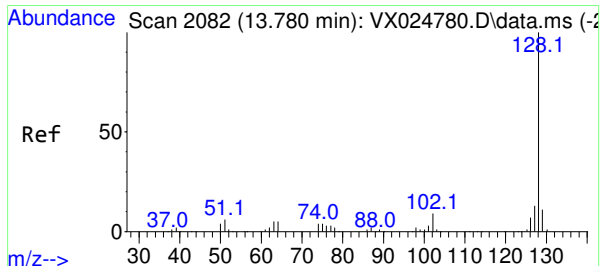
Tgt Ion: 75 Resp: 50927
Ion Ratio Lower Upper
75 100
77 1.1 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.01 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024811.D
Acq: 14 Oct 2021 14:01

Tgt Ion: 75 Resp: 50927
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#





#95
Naphthalene
Concen: 0.29 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024811.D
Acq: 14 Oct 2021 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBL01

Tgt Ion:	128	Resp:	270
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

