

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101621\
 Data File : VX024835.D
 Acq On : 15 Oct 2021 18:08
 Operator : JC/MD
 Sample : M4251-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 18 01:44:26 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)

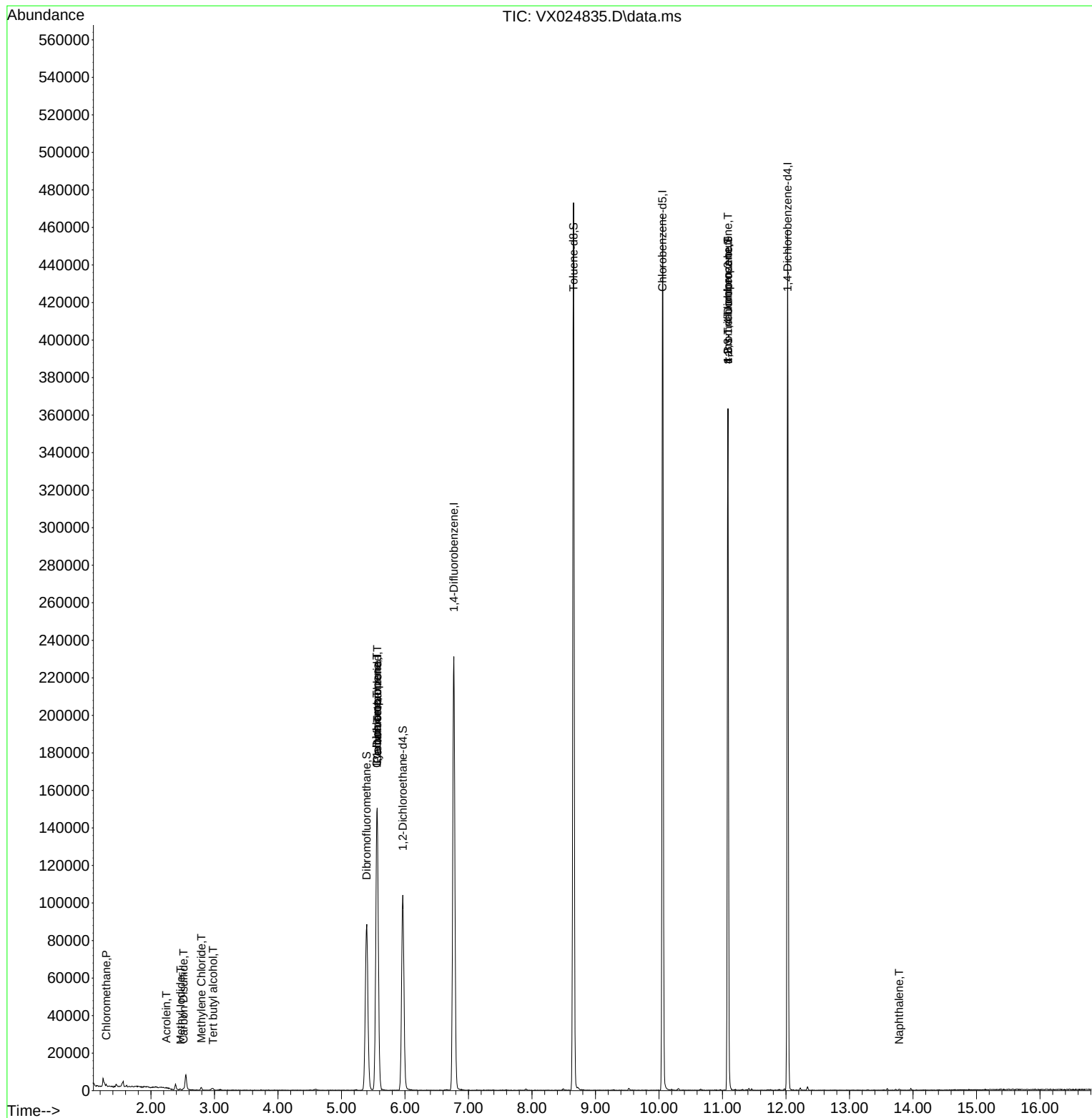
Internal Standards						
1) Pentafluorobenzene	5.562	168	140445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	232523	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	104195	60.361	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery	= 120.720%	#	
35) Dibromofluoromethane	5.397	113	77054	55.665	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 111.340%		
50) Toluene-d8	8.653	98	277587	54.212	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery	= 108.420%		
62) 4-Bromofluorobenzene	11.085	95	98256	48.790	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 97.580%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	379	0.291	ug/l #	85
5) Bromomethane	1.618	94	285	Below Cal		90
10) Methyl Iodide	2.465	142	576	1.247	ug/l #	91
11) Tert butyl alcohol	2.977	59	1421	3.905	ug/l #	85
13) Acrolein	2.240	56	132	0.874	ug/l	84
16) Acetone	2.386	43	3022	Below Cal		96
17) Carbon Disulfide	2.514	76	905	0.283	ug/l #	76
20) Methylene Chloride	2.794	84	579	0.396	ug/l	95
31) Cyclohexane	5.556	56	3083	1.341	ug/l #	33
36) 1,1-Dichloropropene	5.556	75	10975	5.333	ug/l #	50
38) Carbon Tetrachloride	5.562	117	15205	6.595	ug/l #	18
59) 2-Hexanone	9.421	43	21	Below Cal	#	25
70) Styrene	10.659	104	196	Below Cal	#	90
76) 1,2,3-Trichloropropane	11.085	75	51288	26.000	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	51288	70.018	ug/l #	9
95) Naphthalene	13.780	128	727	0.363	ug/l #	79

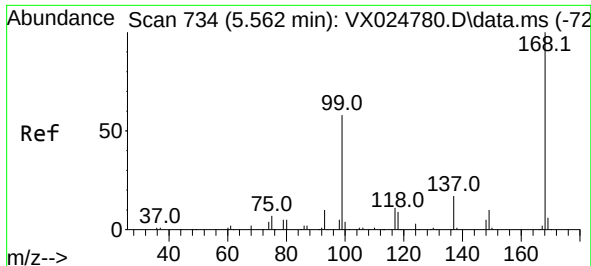
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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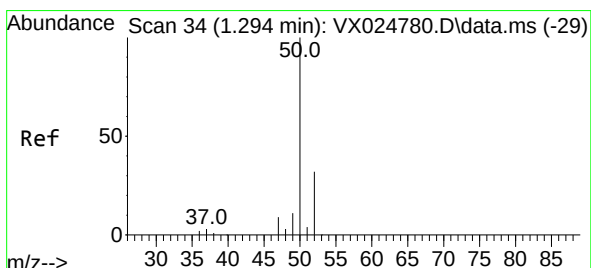
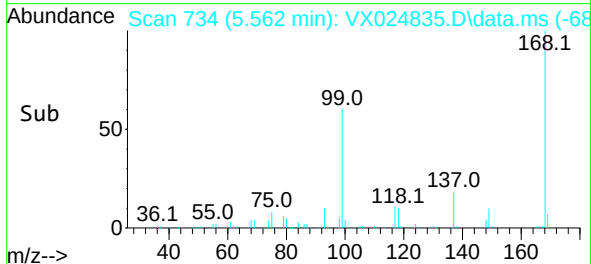
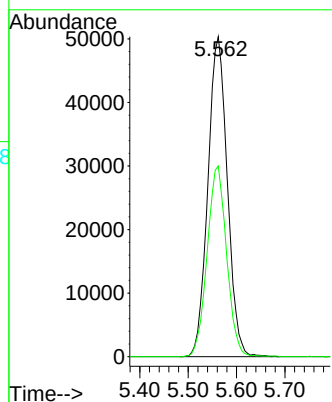
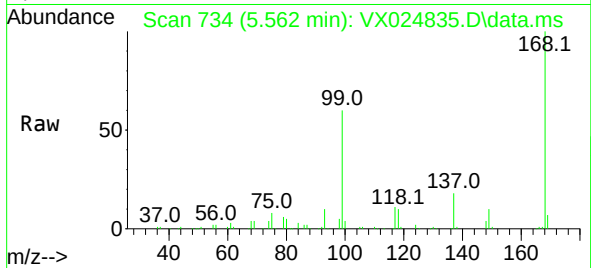




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024835.D
Acq: 15 Oct 2021 18:08

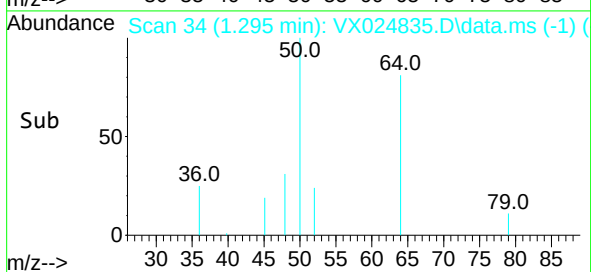
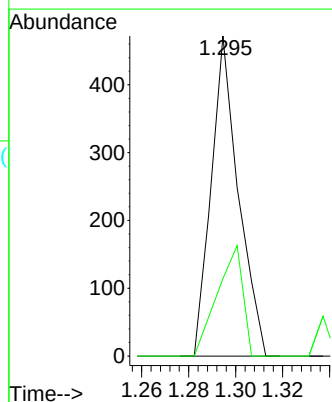
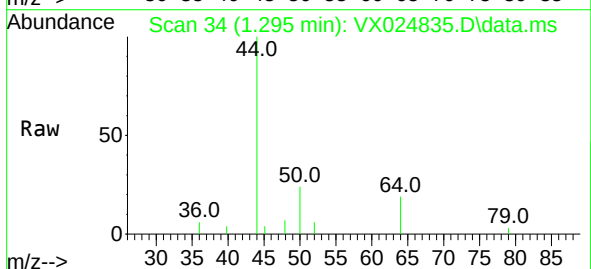
Instrument :
MSVOA_X
ClientSampled :

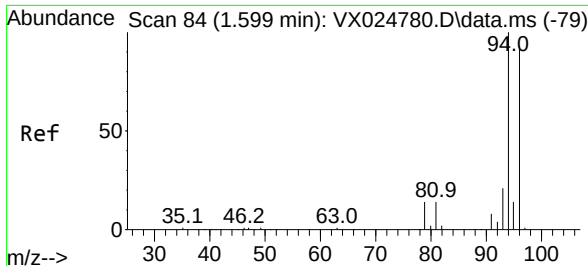
Tgt Ion:168 Resp: 140445
Ion Ratio Lower Upper
168 100
99 59.6 46.4 69.6



#3
Chloromethane
Concen: 0.291 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024835.D
Acq: 15 Oct 2021 18:08

Tgt Ion: 50 Resp: 379
Ion Ratio Lower Upper
50 100
52 24.2 25.9 38.9#

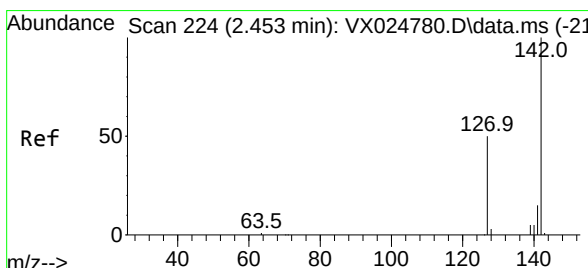
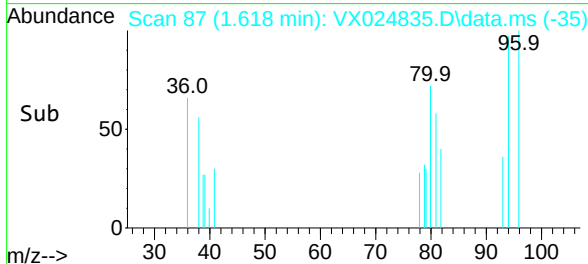
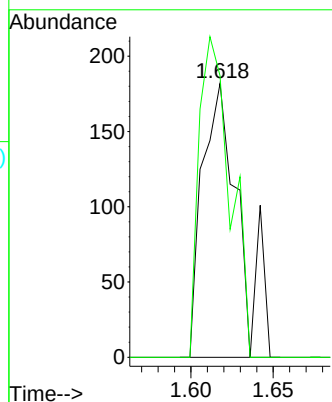
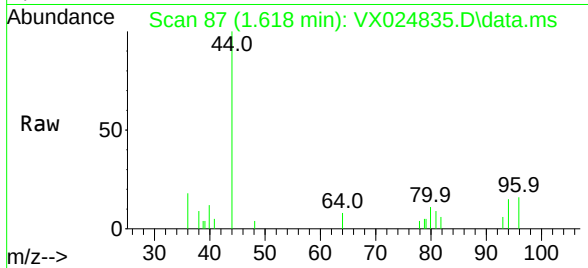




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024835.D
Acq: 15 Oct 2021 18:08

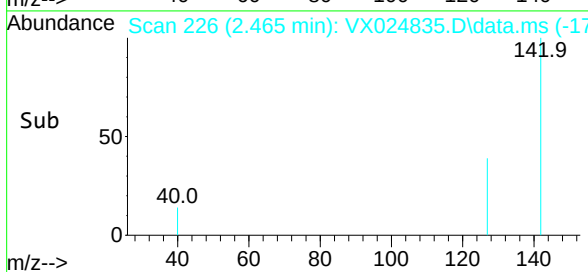
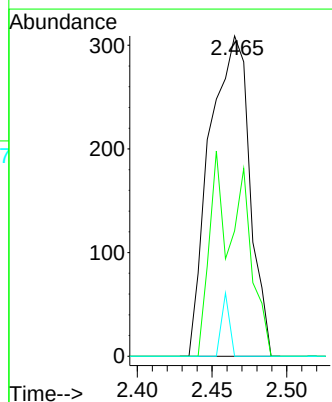
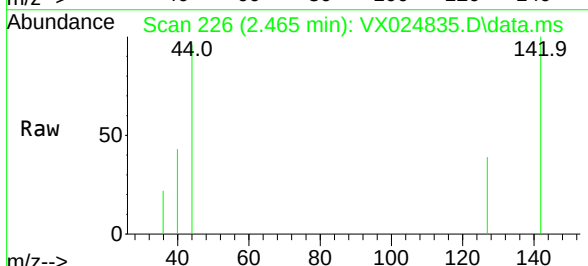
Instrument :
MSVOA_X
ClientSampled :

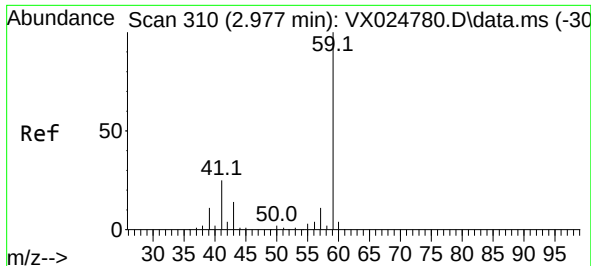
Tgt Ion: 94 Resp: 285
Ion Ratio Lower Upper
94 100
96 102.7 74.8 112.2



#10
Methyl Iodide
Concen: 1.247 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024835.D
Acq: 15 Oct 2021 18:08

Tgt Ion: 142 Resp: 576
Ion Ratio Lower Upper
142 100
127 51.0 38.9 58.3
141 3.8 11.7 17.5#

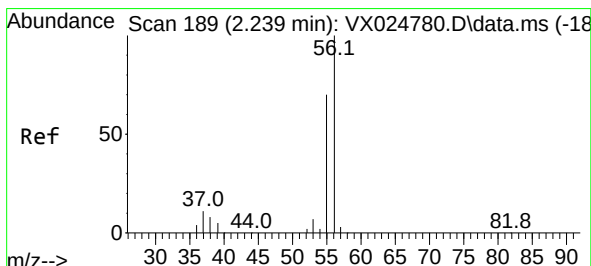
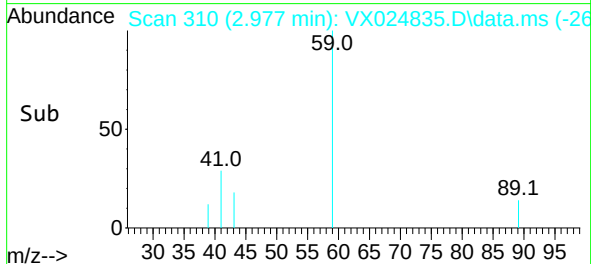
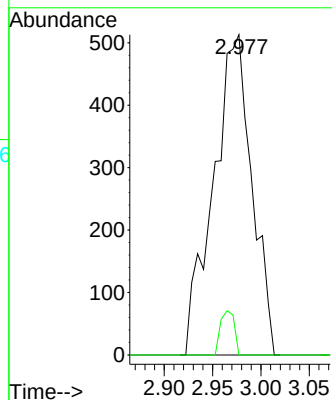
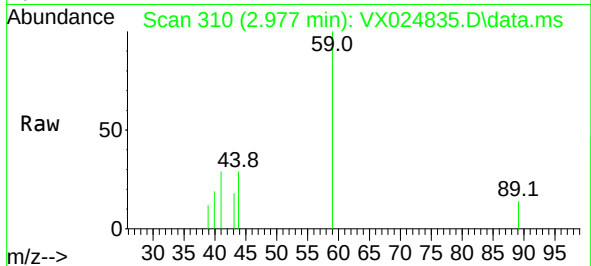




#11
Tert butyl alcohol
Concen: 3.905 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX024835.D
Acq: 15 Oct 2021 18:08

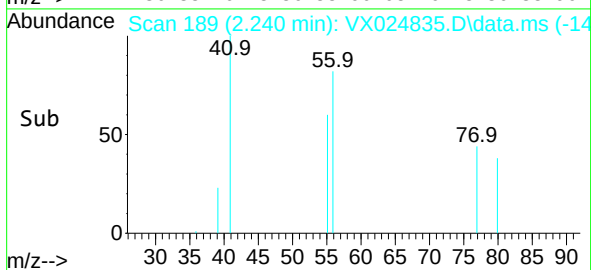
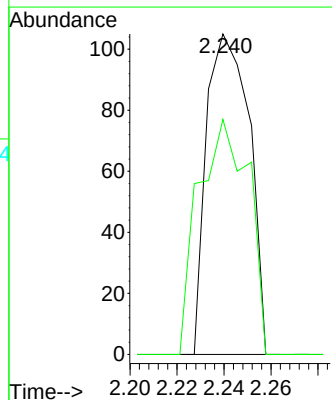
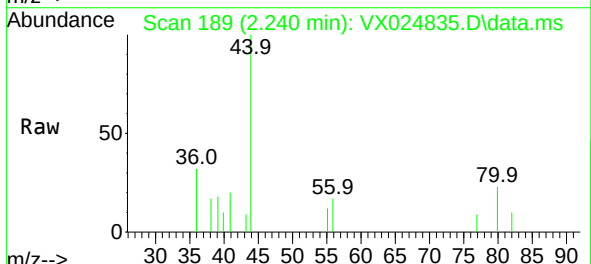
Instrument :
MSVOA_X
ClientSampled :

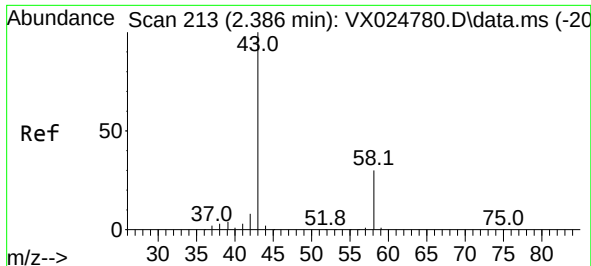
Tgt Ion: 59 Resp: 1421
Ion Ratio Lower Upper
59 100
57 4.9 8.5 12.7#



#13
Acrolein
Concen: 0.874 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX024835.D
Acq: 15 Oct 2021 18:08

Tgt Ion: 56 Resp: 132
Ion Ratio Lower Upper
56 100
55 86.4 58.6 87.8

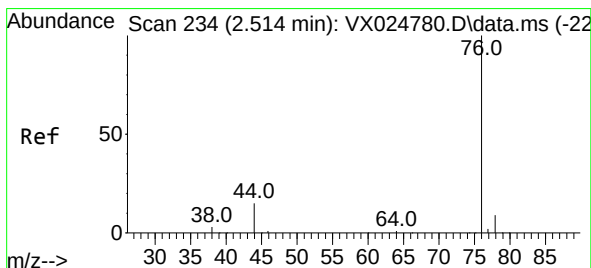
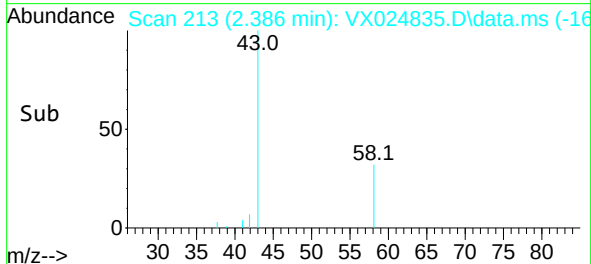
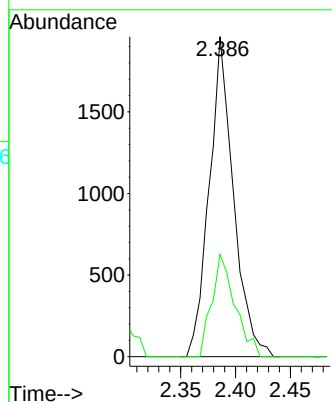
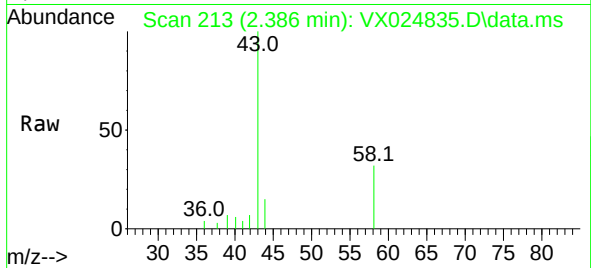




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024835.D
Acq: 15 Oct 2021 18:08

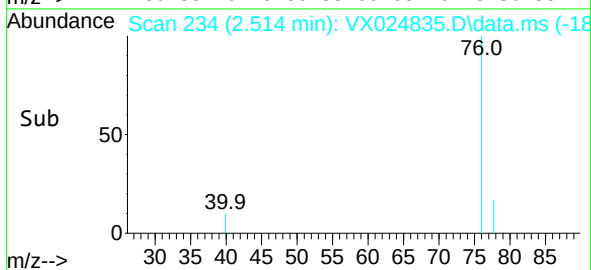
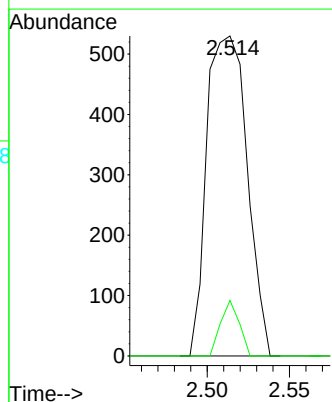
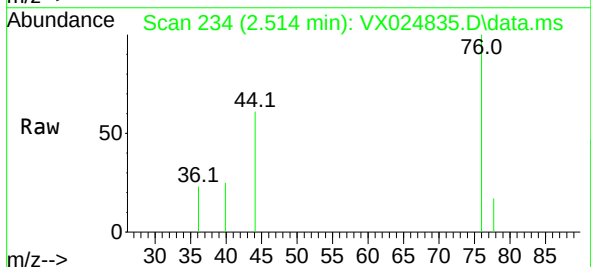
Instrument :
MSVOA_X
ClientSampled :

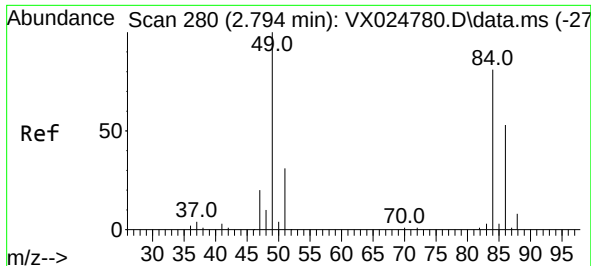
Tgt Ion: 43 Resp: 3022
Ion Ratio Lower Upper
43 100
58 31.9 24.0 36.0



#17
Carbon Disulfide
Concen: 0.283 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX024835.D
Acq: 15 Oct 2021 18:08

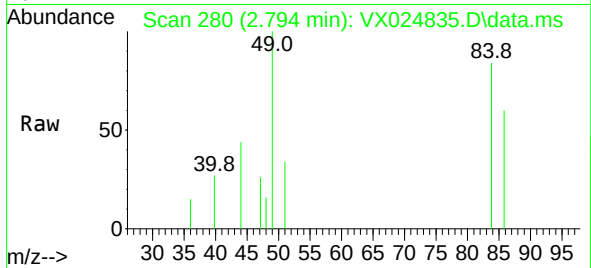
Tgt Ion: 76 Resp: 905
Ion Ratio Lower Upper
76 100
78 17.4 6.9 10.3#





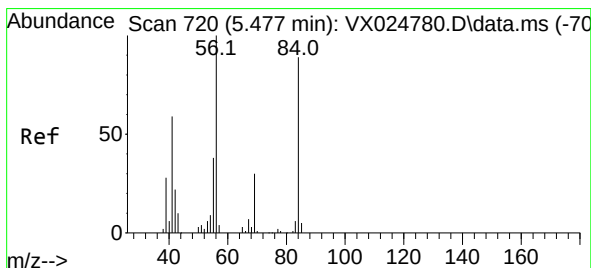
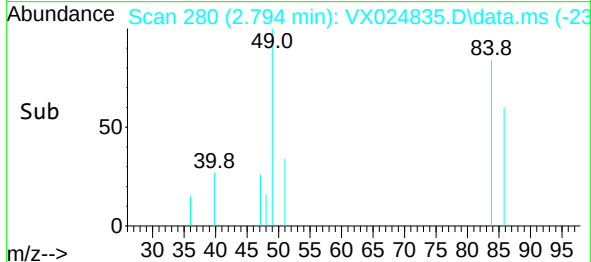
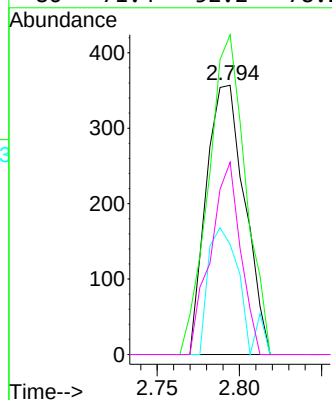
#20
Methylene Chloride
Concen: 0.396 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024835.D
Acq: 15 Oct 2021 18:08

Instrument :
MSVOA_X
ClientSampled :

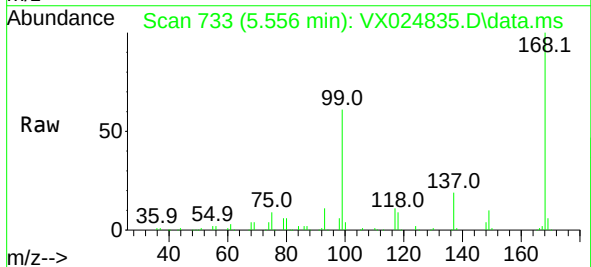


Tgt Ion: 84 Resp: 579

Ion	Ratio	Lower	Upper
84	100		
49	118.8	98.2	147.2
51	40.9	30.2	45.4
86	71.4	52.2	78.2

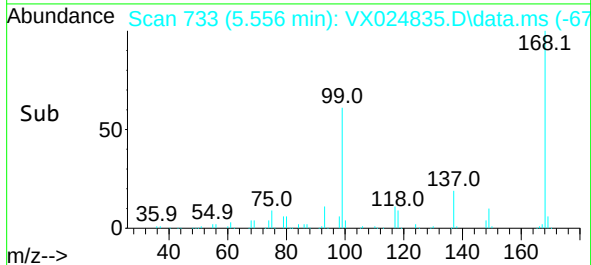
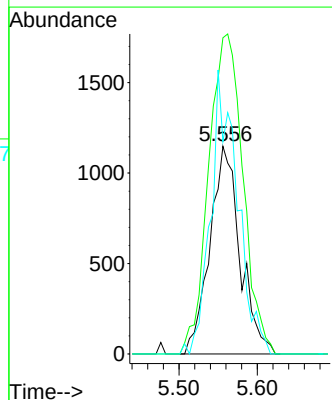


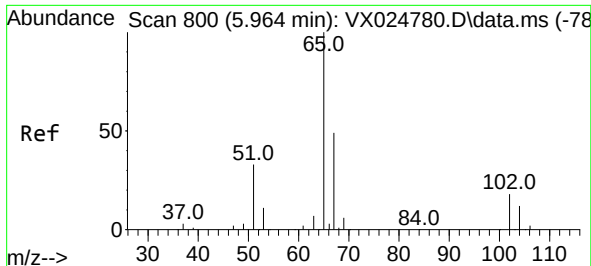
#31
Cyclohexane
Concen: 1.341 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024835.D
Acq: 15 Oct 2021 18:08



Tgt Ion: 56 Resp: 3083

Ion	Ratio	Lower	Upper
56	100		
69	152.3	24.2	36.2#
84	102.4	71.5	107.3





#33

1,2-Dichloroethane-d4

Concen: 60.361 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX024835.D

Acq: 15 Oct 2021 18:08

Tgt Ion: 65 Resp: 104195

Ion Ratio Lower Upper

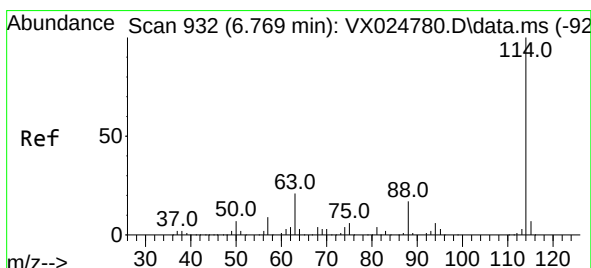
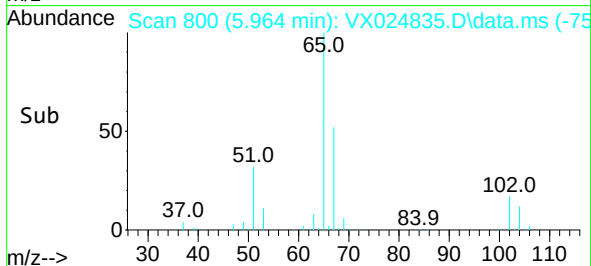
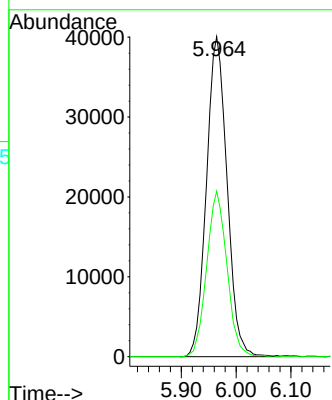
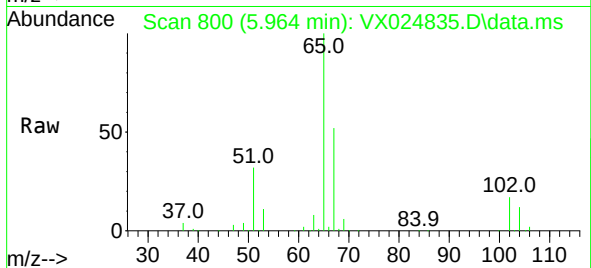
65 100

67 51.1 0.0 101.0

Instrument :

MSVOA_X

ClientSampled :



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX024835.D

Acq: 15 Oct 2021 18:08

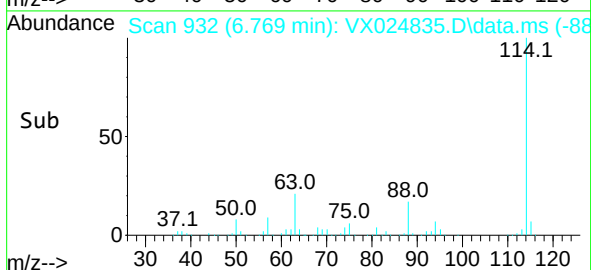
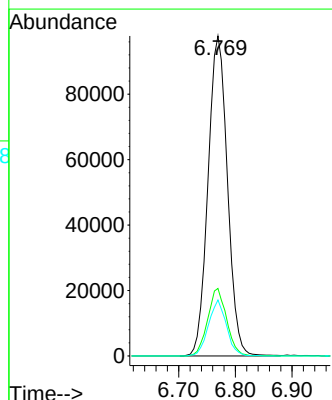
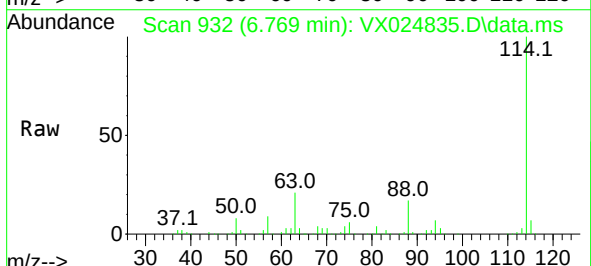
Tgt Ion: 114 Resp: 232523

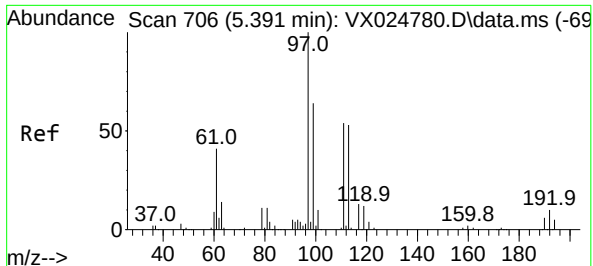
Ion Ratio Lower Upper

114 100

63 21.1 0.0 41.0

88 17.5 0.0 34.8

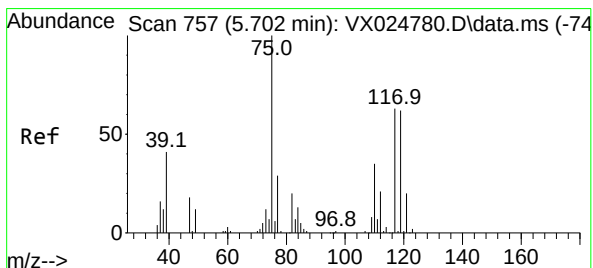
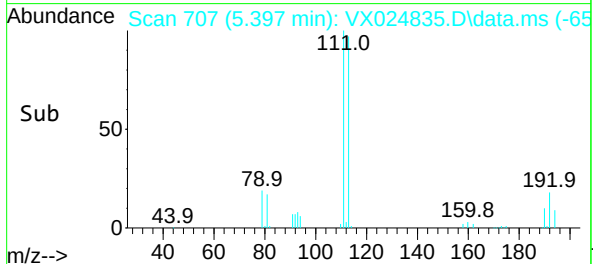
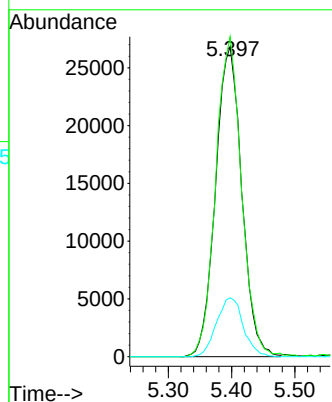
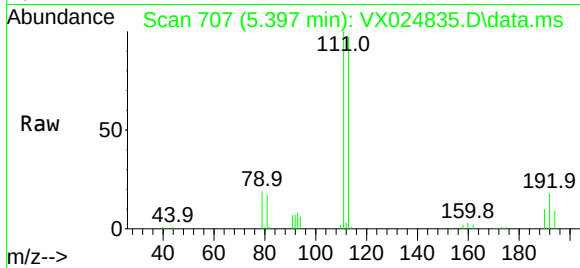




#35
Dibromofluoromethane
Concen: 55.665 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX024835.D
Acq: 15 Oct 2021 18:08

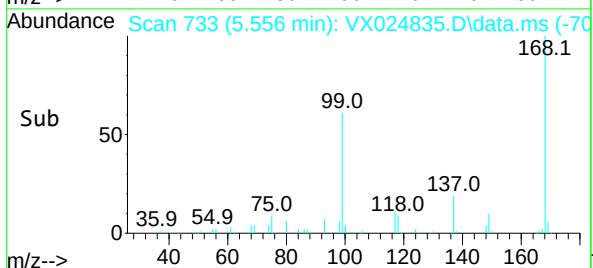
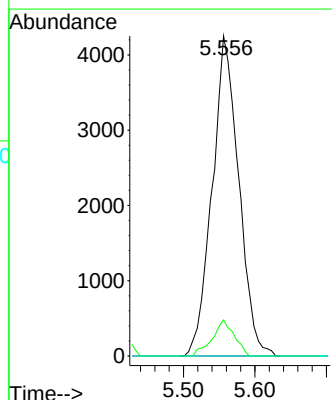
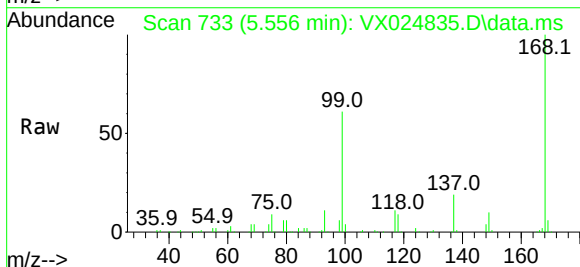
Instrument :
MSVOA_X
ClientSampled :

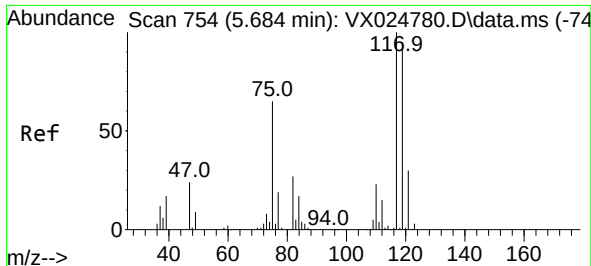
Tgt Ion:113 Resp: 77054
Ion Ratio Lower Upper
113 100
111 101.7 82.1 123.1
192 19.4 15.6 23.4



#36
1,1-Dichloropropene
Concen: 5.333 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024835.D
Acq: 15 Oct 2021 18:08

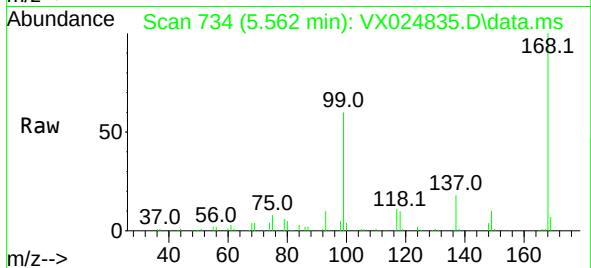
Tgt Ion: 75 Resp: 10975
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.3#
77 0.0 24.4 36.6#



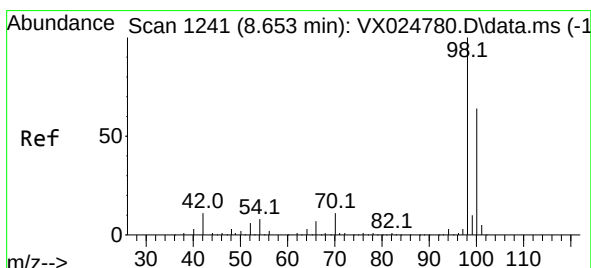
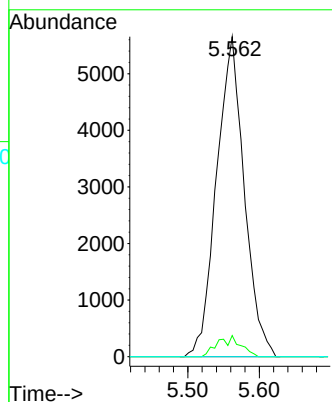
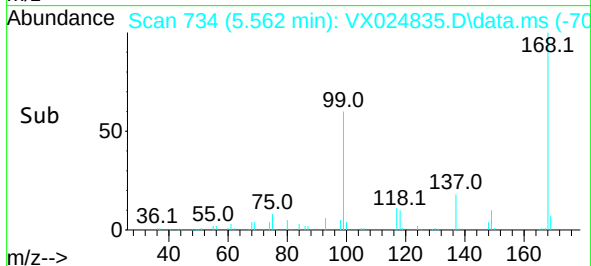


#38
Carbon Tetrachloride
Concen: 6.595 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024835.D
Acq: 15 Oct 2021 18:08

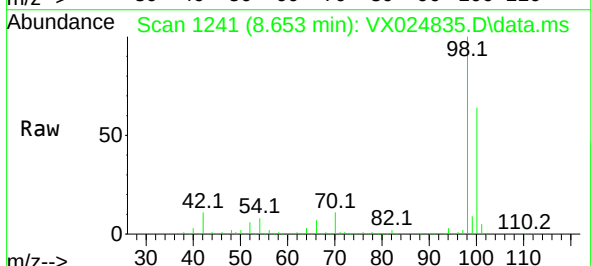
Instrument :
MSVOA_X
ClientSampled :



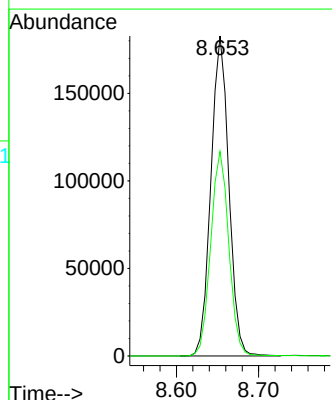
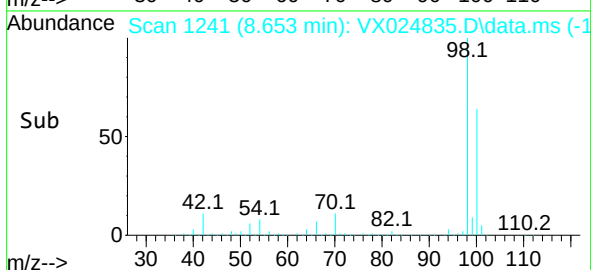
Tgt Ion:117 Resp: 15205
Ion Ratio Lower Upper
117 100
119 6.6 75.6 113.4#
121 0.0 23.7 35.5#

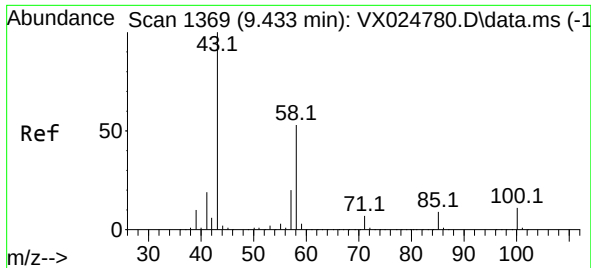


#50
Toluene-d8
Concen: 54.212 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX024835.D
Acq: 15 Oct 2021 18:08



Tgt Ion: 98 Resp: 277587
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0

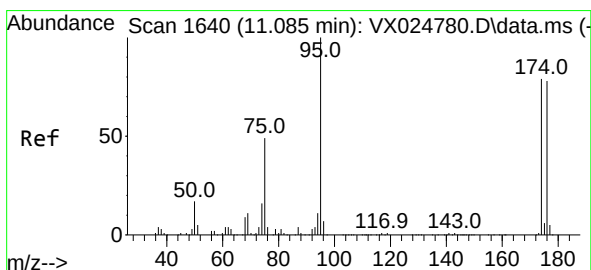
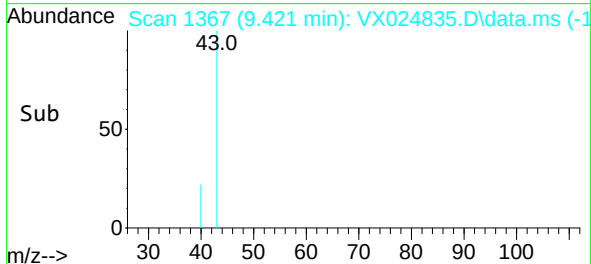
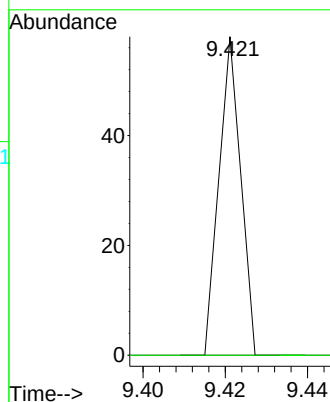
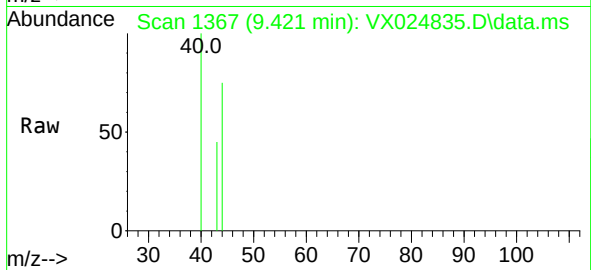




#59
2-Hexanone
Concen: Below Cal
RT: 9.421 min Scan# 1367
Delta R.T. -0.012 min
Lab File: VX024835.D
Acq: 15 Oct 2021 18:08

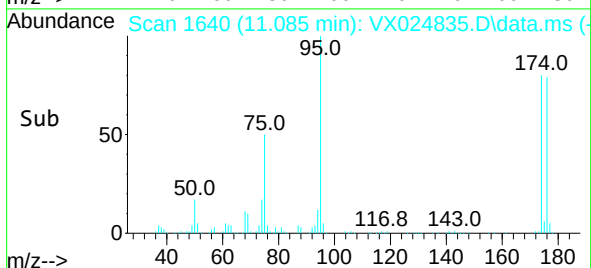
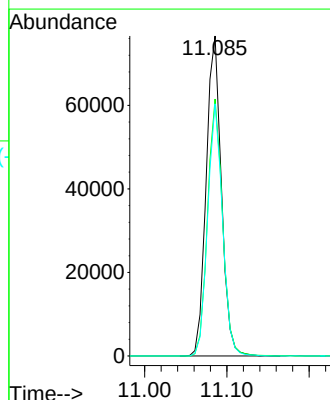
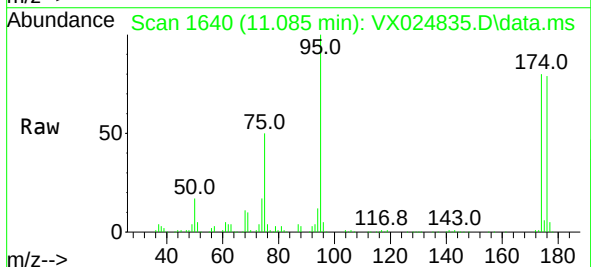
Instrument :
MSVOA_X
ClientSampled :

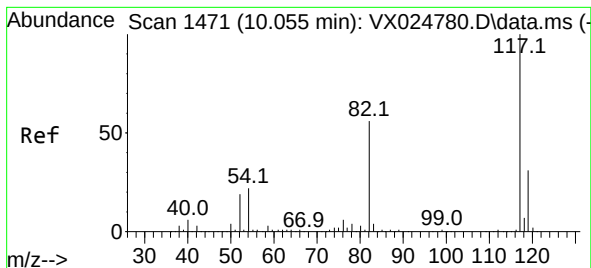
Tgt Ion: 43 Resp: 21
Ion Ratio Lower Upper
43 100
58 0.0 26.6 79.7#



#62
4-Bromofluorobenzene
Concen: 48.790 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024835.D
Acq: 15 Oct 2021 18:08

Tgt Ion: 95 Resp: 98256
Ion Ratio Lower Upper
95 100
174 79.1 0.0 158.0
176 76.9 0.0 153.6

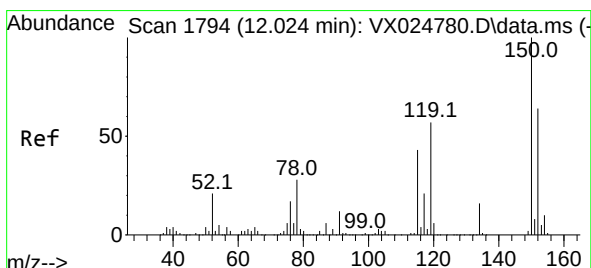
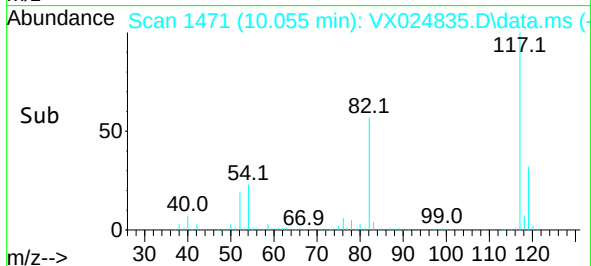
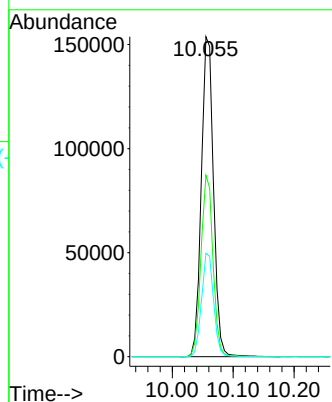
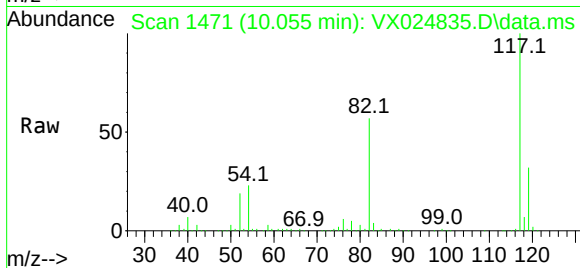




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024835.D
Acq: 15 Oct 2021 18:08

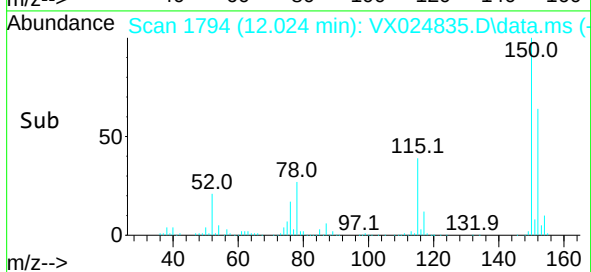
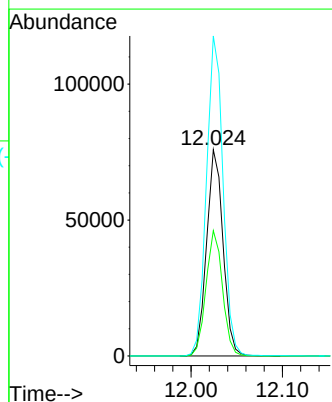
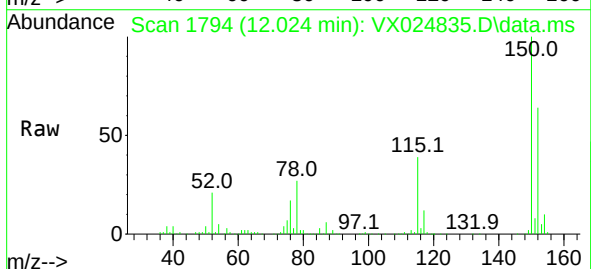
Instrument :
MSVOA_X
ClientSampled :

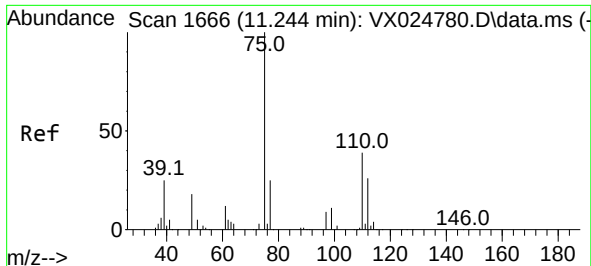
Tgt Ion:117 Resp: 213276
Ion Ratio Lower Upper
117 100
82 56.7 44.6 67.0
119 32.3 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024835.D
Acq: 15 Oct 2021 18:08

Tgt Ion:152 Resp: 94551
Ion Ratio Lower Upper
152 100
115 60.9 43.3 129.8
150 156.5 0.0 351.2

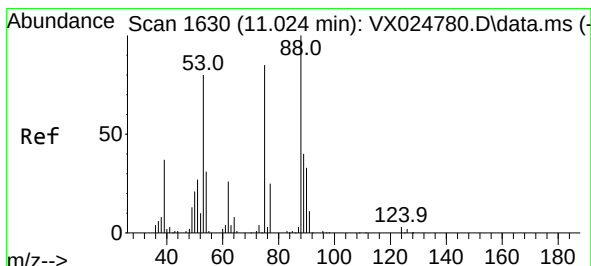
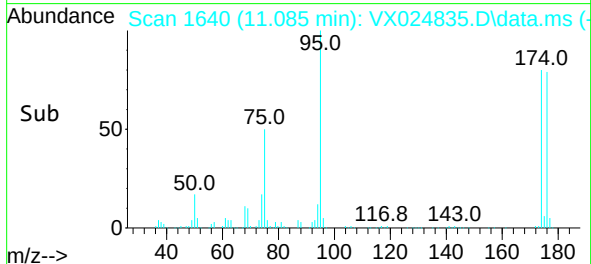
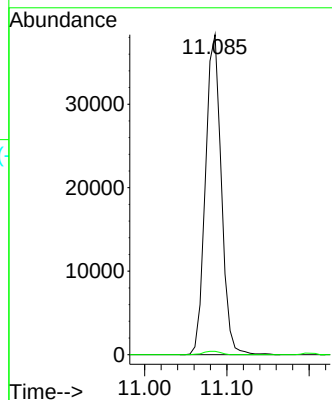
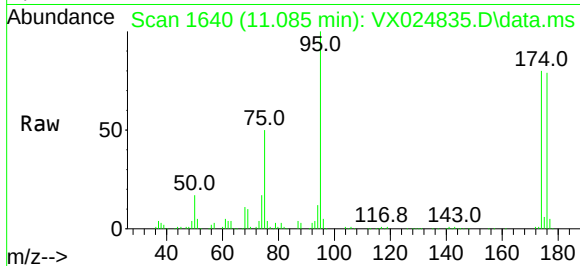




#76
1,2,3-Trichloropropane
Concen: 26.000 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX024835.D
Acq: 15 Oct 2021 18:08

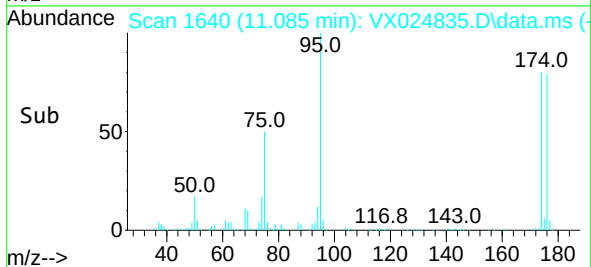
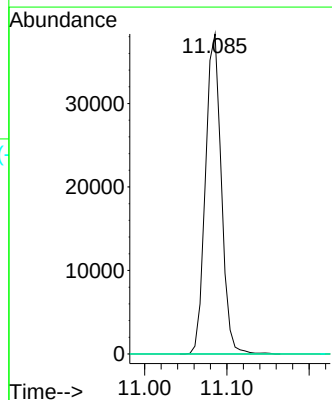
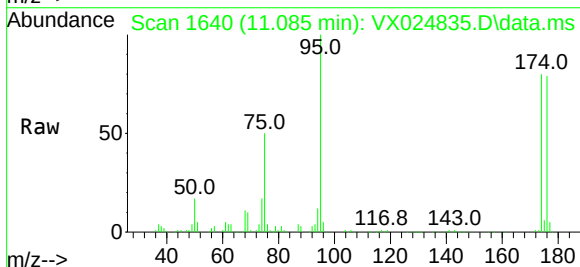
Instrument :
MSVOA_X
ClientSampled :

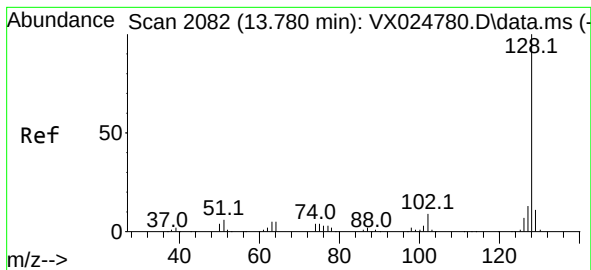
Tgt Ion: 75 Resp: 51288
Ion Ratio Lower Upper
75 100
77 1.2 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.018 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024835.D
Acq: 15 Oct 2021 18:08

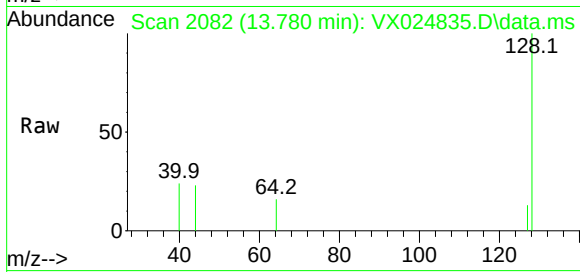
Tgt Ion: 75 Resp: 51288
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#





#95
Naphthalene
Concen: 0.363 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024835.D
Acq: 15 Oct 2021 18:08

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 727
Ion Ratio Lower Upper
128 100
127 7.0 10.3 15.5#
129 0.0 8.8 13.2#

