

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071421\
 Data File : VX023280.D
 Acq On : 14 Jul 2021 15:35
 Operator : JC/MD
 Sample : PB137668ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 15 04:27:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

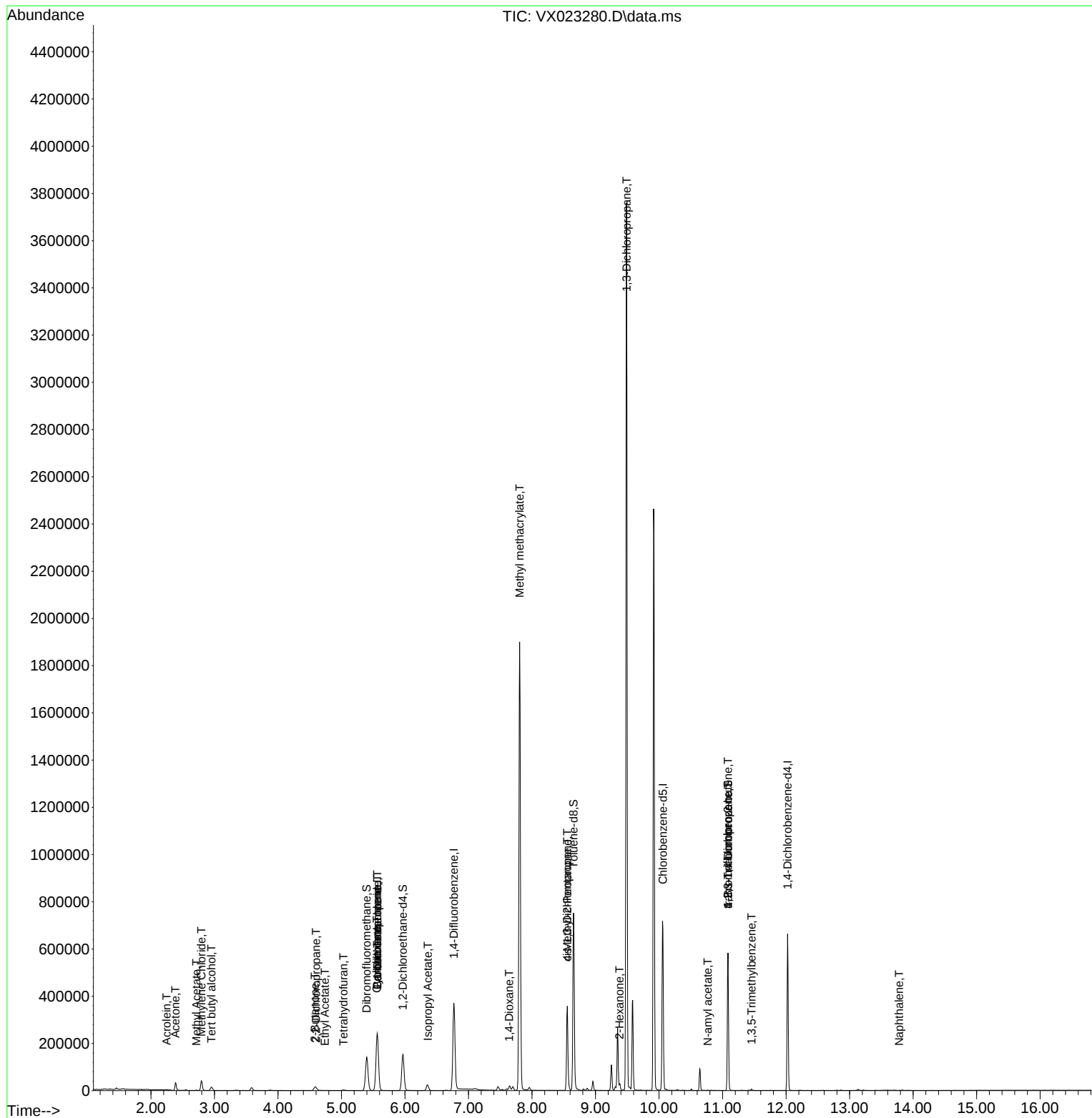
Internal Standards						
1) Pentafluorobenzene	5.562	168	227269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	375788	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	331523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	156367	51.192	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	102.380%	
35) Dibromofluoromethane	5.397	113	119066	49.065	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	98.140%	
50) Toluene-d8	8.653	98	445197	49.182	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	98.360%	
62) 4-Bromofluorobenzene	11.085	95	155731	44.563	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	89.120%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	416	Below Cal		87
11) Tert butyl alcohol	2.952	59	8662	13.480	ug/l #	75
13) Acrolein	2.245	56	109	0.255	ug/l #	81
16) Acetone	2.385	43	34062	28.187	ug/l	91
18) Methyl Acetate	2.715	43	2010	0.685	ug/l	92
20) Methylene Chloride	2.794	84	19316	7.424	ug/l	94
25) 2-Butanone	4.580	43	7028	3.857	ug/l	99
26) 2,2-Dichloropropane	4.598	77	1240	0.352	ug/l #	52
29) Tetrahydrofuran	5.031	42	2471	2.109	ug/l #	76
31) Cyclohexane	5.556	56	4517	1.235	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	17299	5.164	ug/l #	49
37) Ethyl Acetate	4.739	43	831	0.227	ug/l #	64
38) Carbon Tetrachloride	5.562	117	23549	6.734	ug/l #	15
43) Isopropyl Acetate	6.360	43	33206	5.463	ug/l	94
48) Methyl methacrylate	7.805	41	168287	56.420	ug/l #	37
49) 1,4-Dioxane	7.641	88	18	0.268	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	122382	32.490	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	55978	14.461	ug/l #	63
57) 1,3-Dichloropropane	9.488	76	31823	7.284	ug/l #	43
59) 2-Hexanone	9.378	43	13400	4.636	ug/l #	19
74) N-amyl acetate	10.768	43	1010	0.253	ug/l #	46
76) 1,2,3-Trichloropropane	11.085	75	78867	29.355	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.457	105	2406	0.297	ug/l	89
81) trans-1,4-Dichloro-2-b...	11.085	75	78867	78.921	ug/l #	12
95) Naphthalene	13.780	128	194	1.295	ug/l #	85

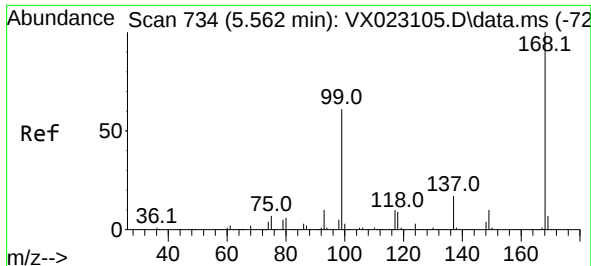
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071421\
Data File : VX023280.D
Acq On : 14 Jul 2021 15:35
Operator : JC/MD
Sample : PB137668ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 15 04:27:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 02 14:29:42 2021
Response via : Initial Calibration

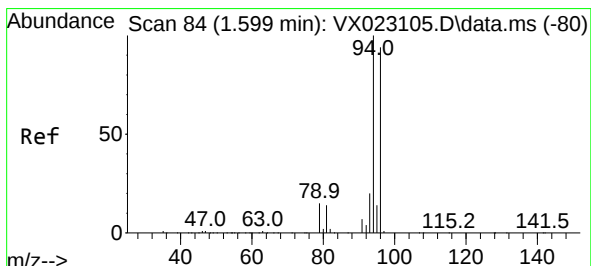
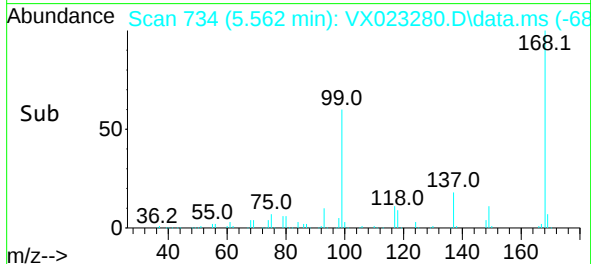
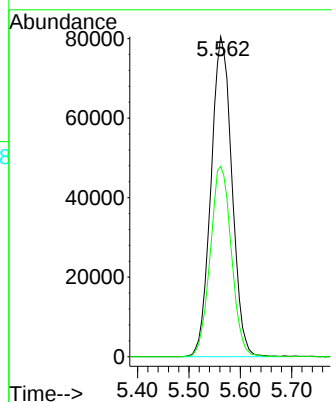
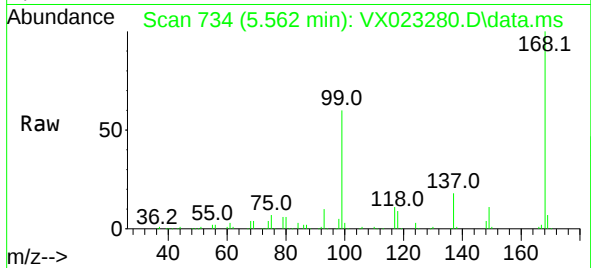




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023280.D
Acq: 14 Jul 2021 15:35

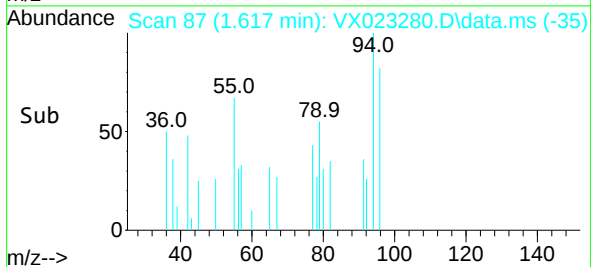
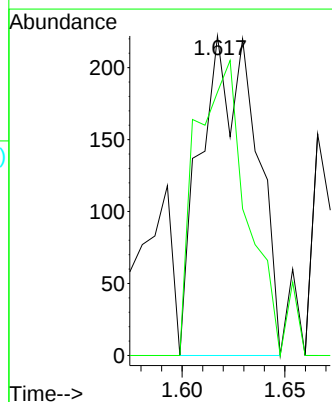
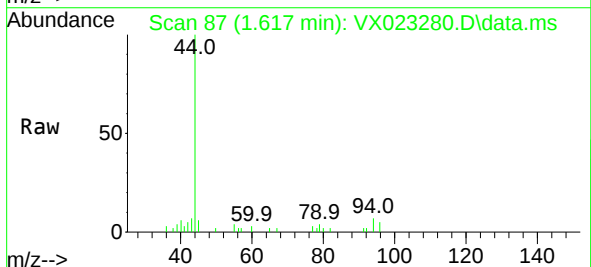
Instrument :
MSVOA_X
ClientSampleId :

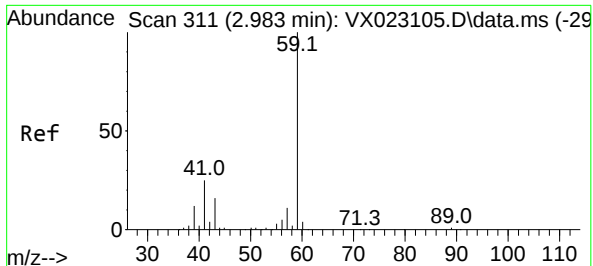
Tgt Ion:168 Resp: 227269
Ion Ratio Lower Upper
168 100
99 59.5 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX023280.D
Acq: 14 Jul 2021 15:35

Tgt Ion: 94 Resp: 416
Ion Ratio Lower Upper
94 100
96 82.4 76.4 114.6



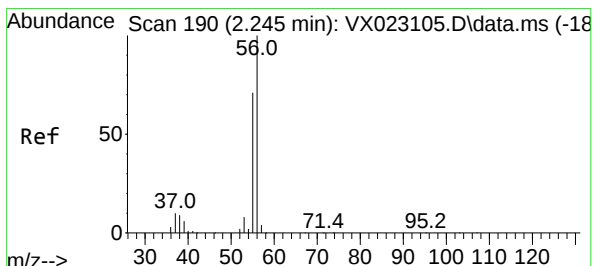
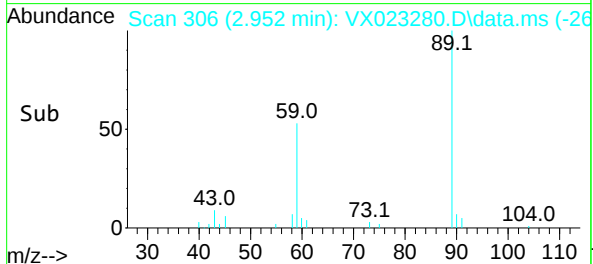
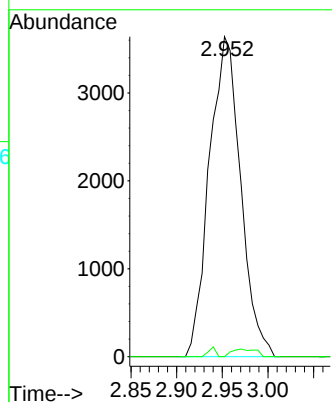
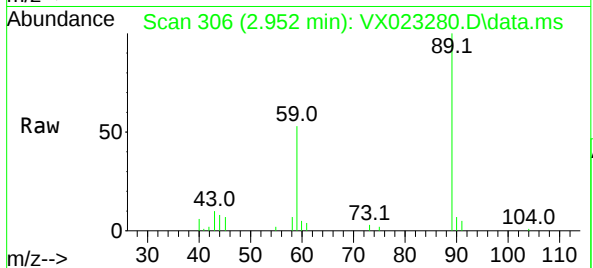


#11

Tert butyl alcohol
Concen: 13.480 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.031 min
Lab File: VX023280.D
Acq: 14 Jul 2021 15:35

Instrument :
MSVOA_X
ClientSampled :

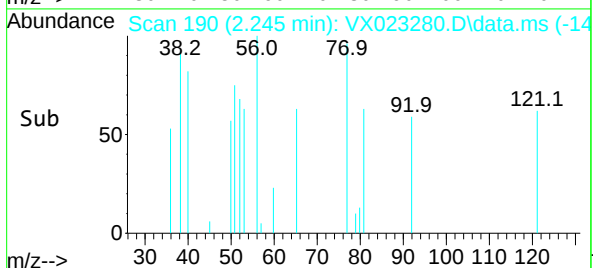
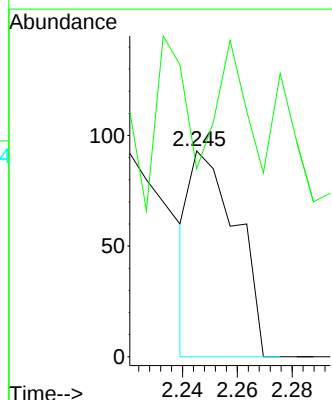
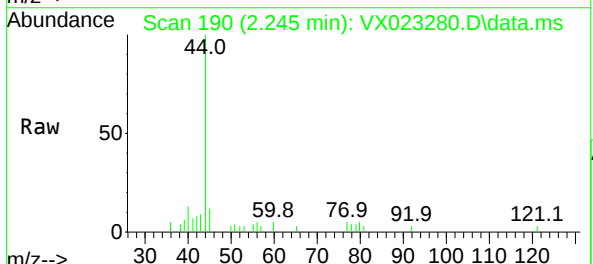
Tgt Ion: 59 Resp: 8662
Ion Ratio Lower Upper
59 100
57 0.7 7.8 11.8#

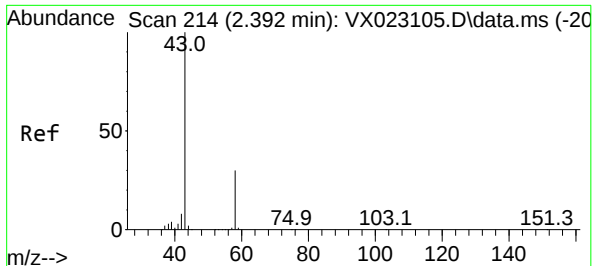


#13

Acrolein
Concen: 0.255 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.000 min
Lab File: VX023280.D
Acq: 14 Jul 2021 15:35

Tgt Ion: 56 Resp: 109
Ion Ratio Lower Upper
56 100
55 55.0 56.4 84.6#

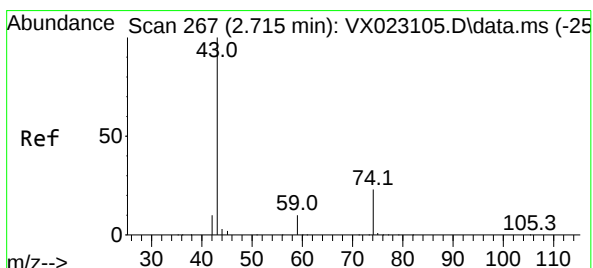
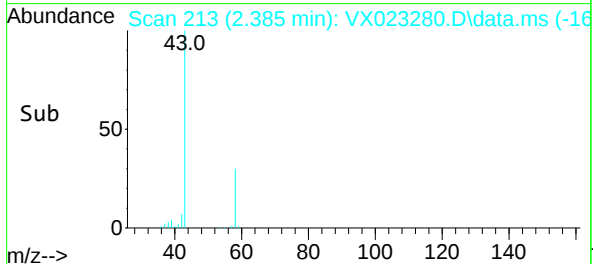
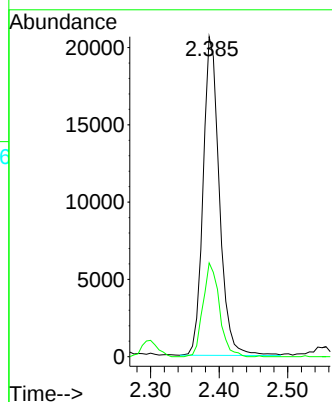
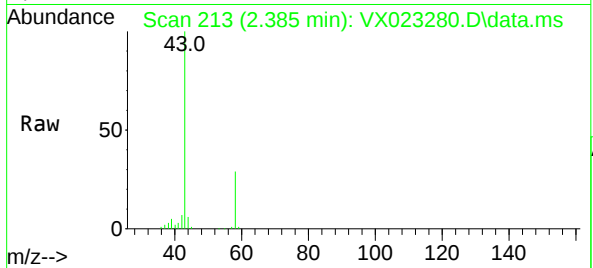




#16
Acetone
Concen: 28.187 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX023280.D
Acq: 14 Jul 2021 15:35

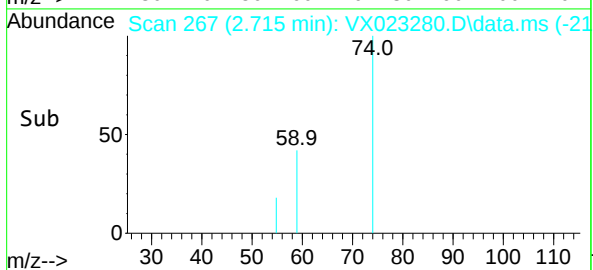
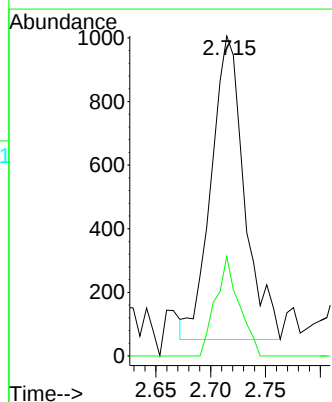
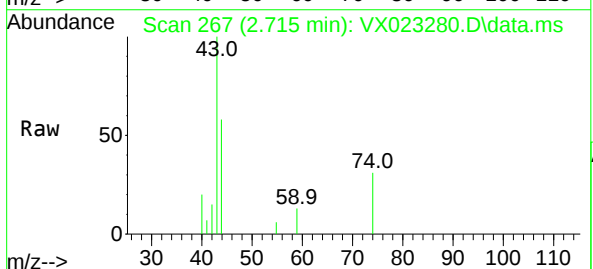
Instrument :
MSVOA_X
ClientSampled :

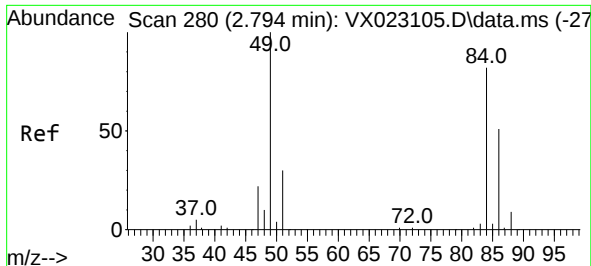
Tgt Ion: 43 Resp: 34062
Ion Ratio Lower Upper
43 100
58 29.4 27.8 41.8



#18
Methyl Acetate
Concen: 0.685 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX023280.D
Acq: 14 Jul 2021 15:35

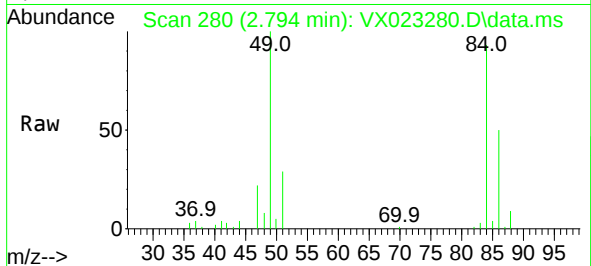
Tgt Ion: 43 Resp: 2010
Ion Ratio Lower Upper
43 100
74 23.3 21.9 32.9



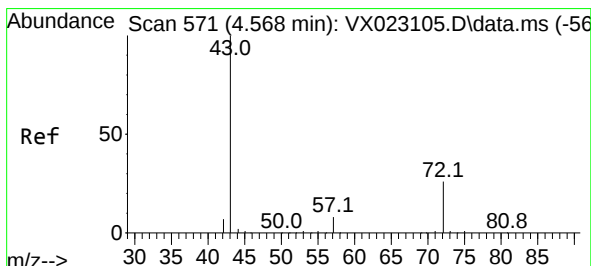
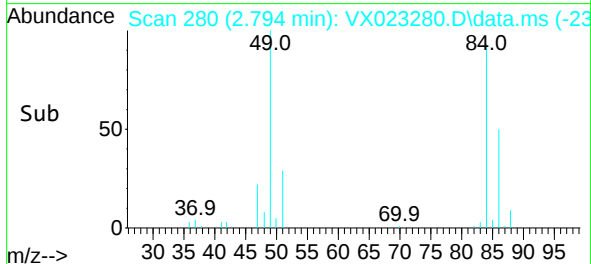
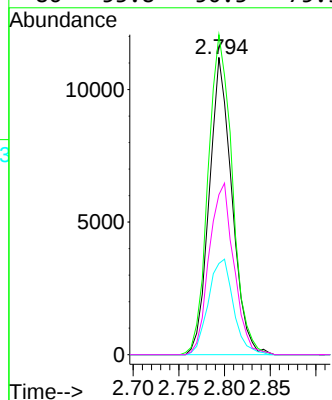


#20
Methylene Chloride
Concen: 7.424 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX023280.D
Acq: 14 Jul 2021 15:35

Instrument :
MSVOA_X
ClientSampled :

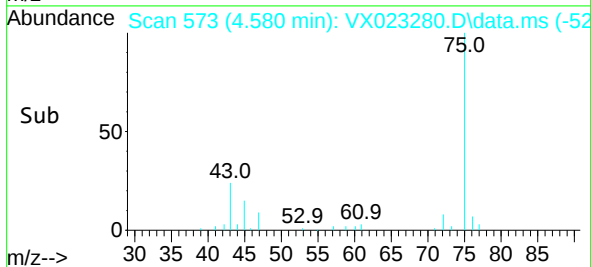
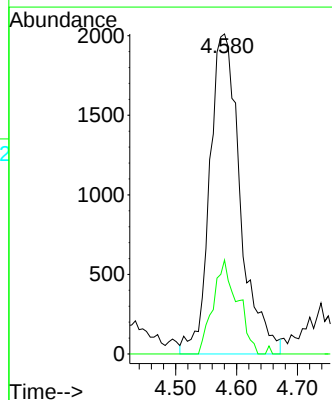
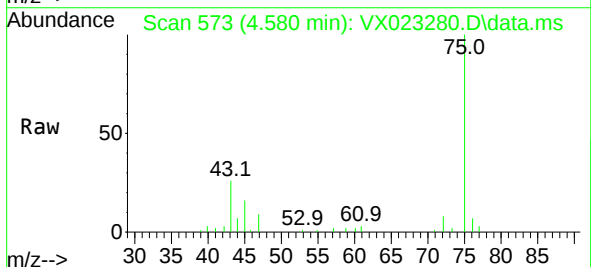


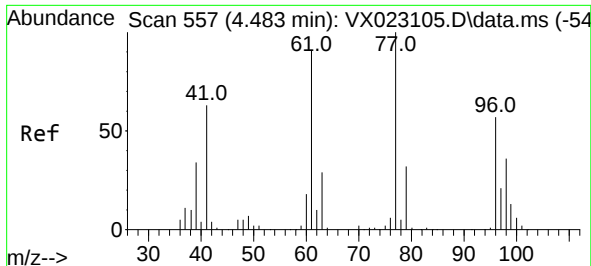
Tgt Ion: 84	Resp: 19316
Ion Ratio	Lower Upper
84 100	
49 107.7	88.6 132.8
51 30.7	27.0 40.6
86 53.8	50.3 75.5



#25
2-Butanone
Concen: 3.857 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX023280.D
Acq: 14 Jul 2021 15:35

Tgt Ion: 43	Resp: 7028
Ion Ratio	Lower Upper
43 100	
72 30.1	23.7 35.5





#26

2,2-Dichloropropane

Concen: 0.352 ug/l

RT: 4.598 min Scan# 576

Delta R.T. 0.115 min

Lab File: VX023280.D

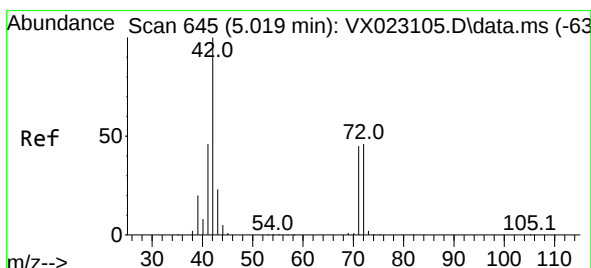
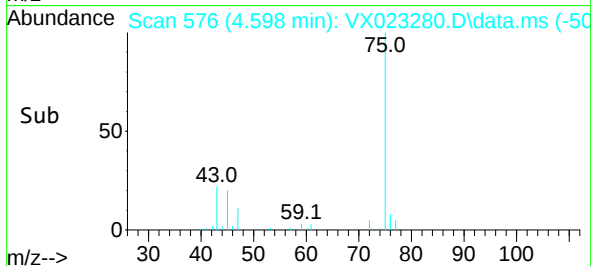
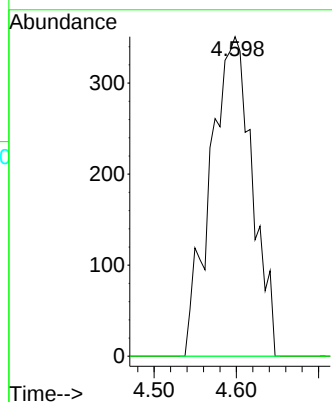
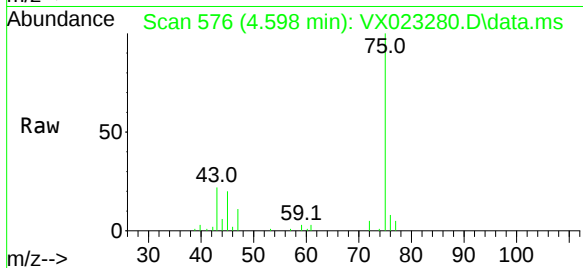
Acq: 14 Jul 2021 15:35

Tgt Ion: 77 Resp: 1240

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.1#



#29

Tetrahydrofuran

Concen: 2.109 ug/l

RT: 5.031 min Scan# 647

Delta R.T. 0.012 min

Lab File: VX023280.D

Acq: 14 Jul 2021 15:35

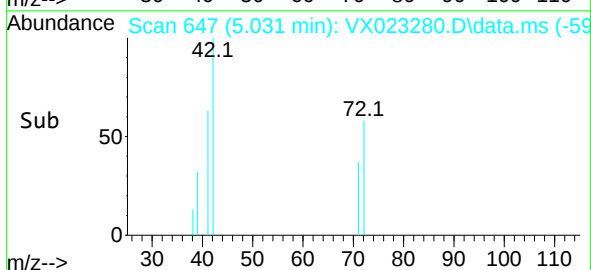
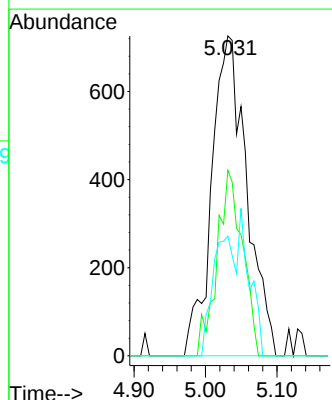
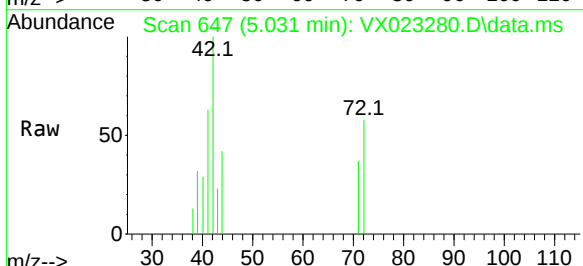
Tgt Ion: 42 Resp: 2471

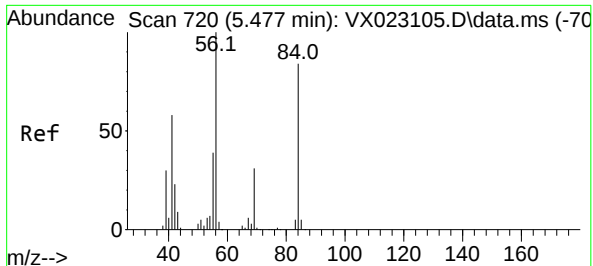
Ion Ratio Lower Upper

42 100

72 42.2 41.7 62.5

71 24.3 38.4 57.6#

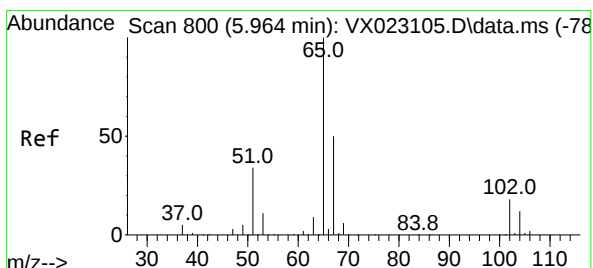
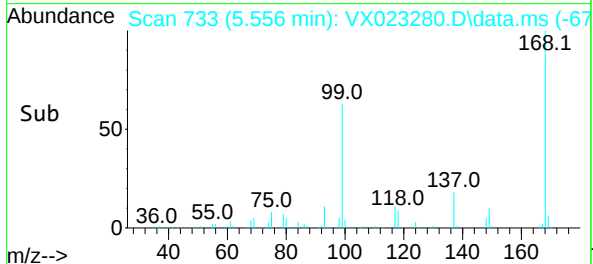
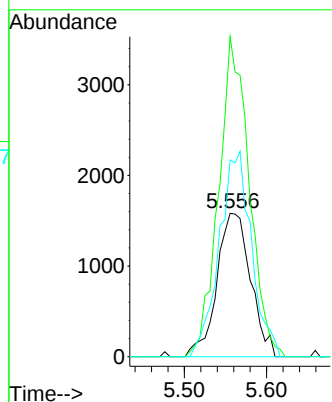
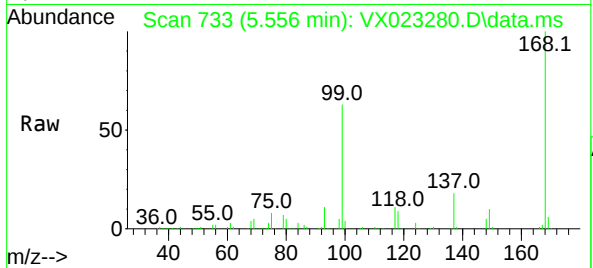




#31
Cyclohexane
Concen: 1.235 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023280.D
Acq: 14 Jul 2021 15:35

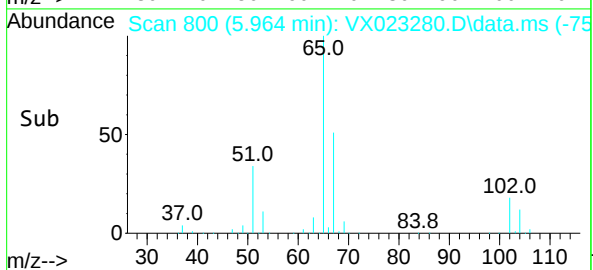
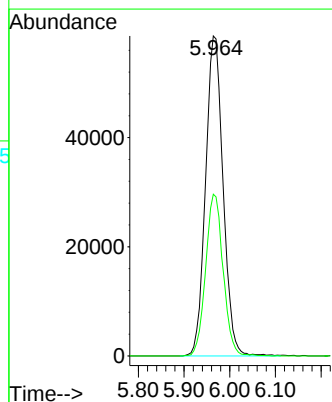
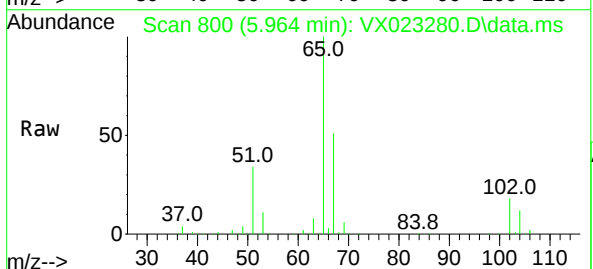
Instrument :
MSVOA_X
ClientSampleId :

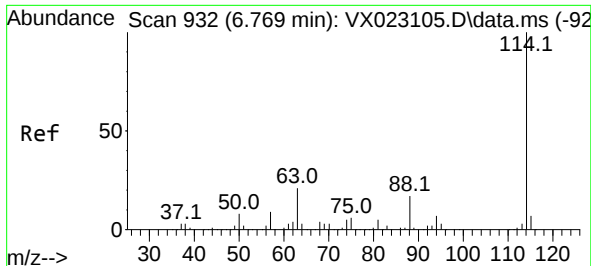
Tgt Ion: 56 Resp: 4517
Ion Ratio Lower Upper
56 100
69 223.2 25.3 37.9#
84 137.2 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.192 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX023280.D
Acq: 14 Jul 2021 15:35

Tgt Ion: 65 Resp: 156367
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4

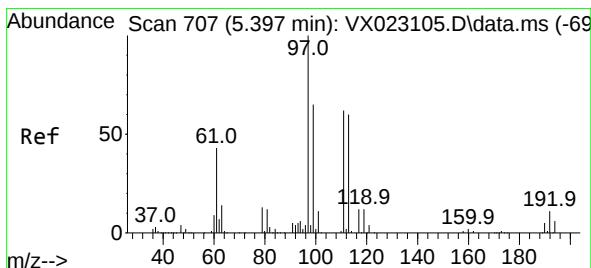
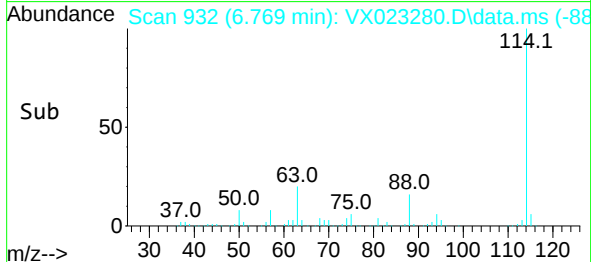
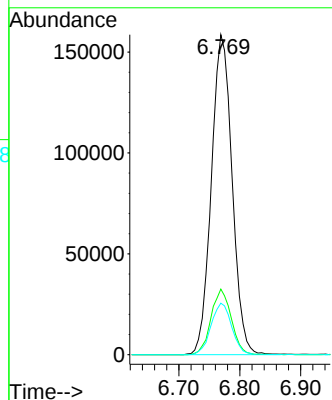
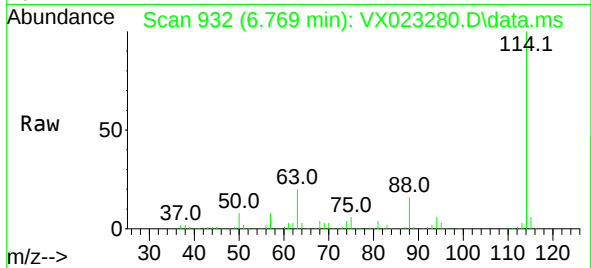




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023280.D
Acq: 14 Jul 2021 15:35

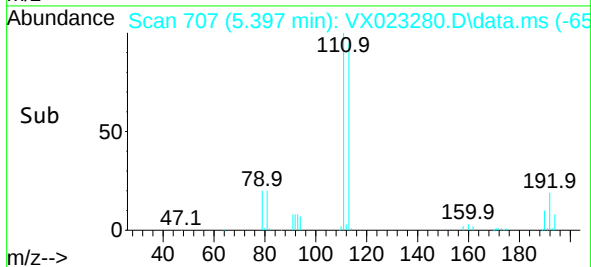
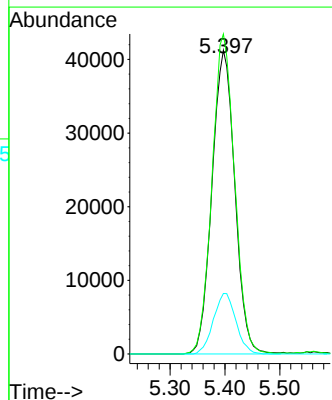
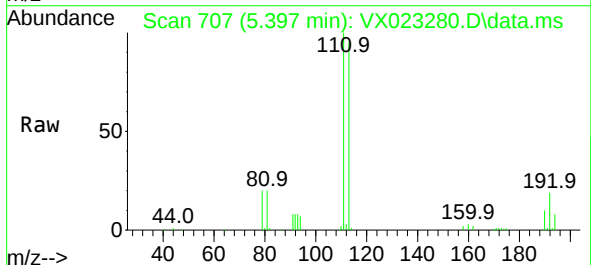
Instrument :
MSVOA_X
ClientSampleId :

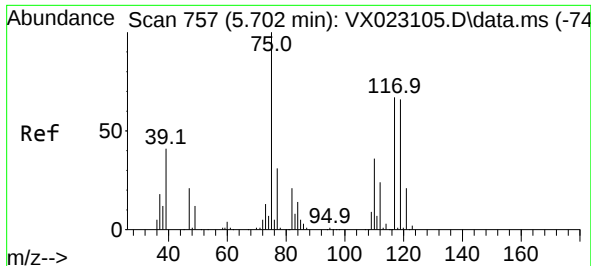
Tgt Ion:114 Resp: 375788
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.065 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023280.D
Acq: 14 Jul 2021 15:35

Tgt Ion:113 Resp: 119066
Ion Ratio Lower Upper
113 100
111 104.3 81.9 122.9
192 19.6 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.164 ug/l

RT: 5.562 min Scan# 734

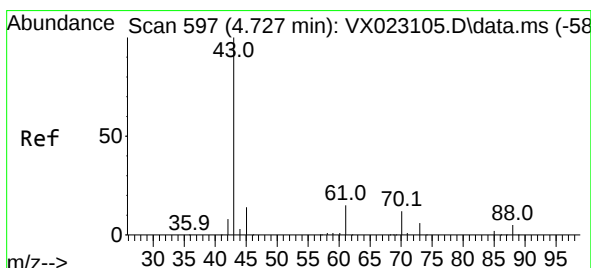
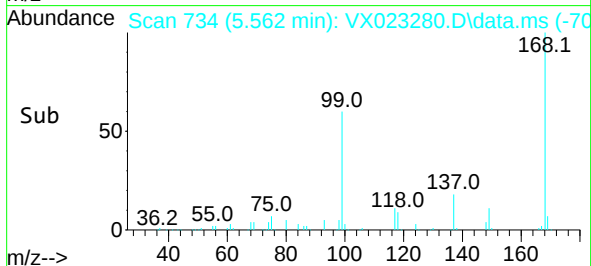
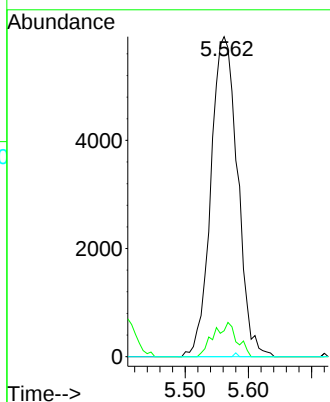
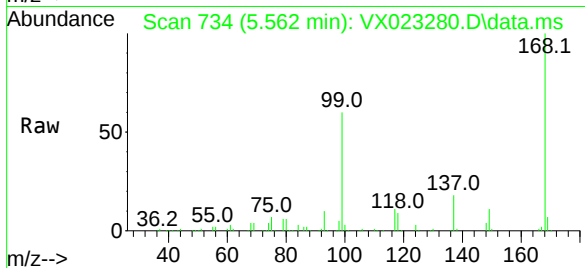
Delta R.T. -0.140 min

Lab File: VX023280.D

Acq: 14 Jul 2021 15:35

Tgt Ion:	75	Resp:	17299
Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.1	54.4#
77	0.2	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :



#37

Ethyl Acetate

Concen: 0.227 ug/l

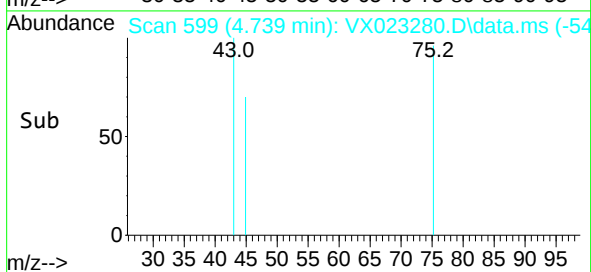
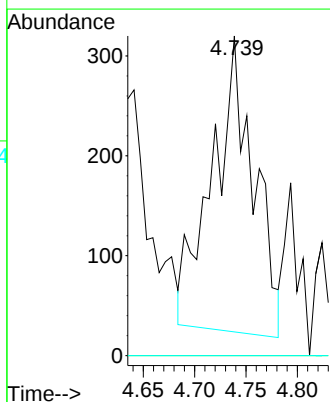
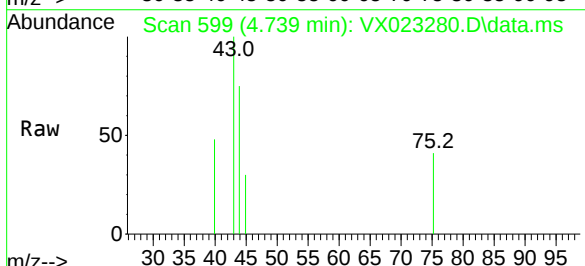
RT: 4.739 min Scan# 599

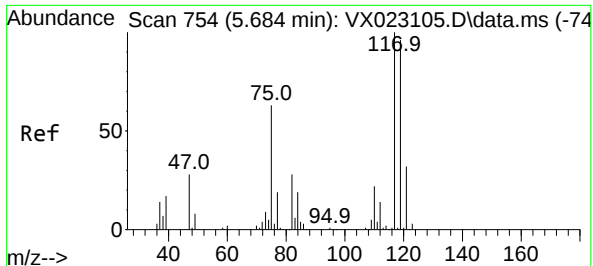
Delta R.T. 0.012 min

Lab File: VX023280.D

Acq: 14 Jul 2021 15:35

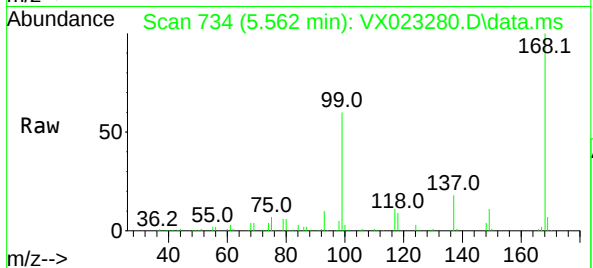
Tgt Ion:	43	Resp:	831
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	10.5	15.7#



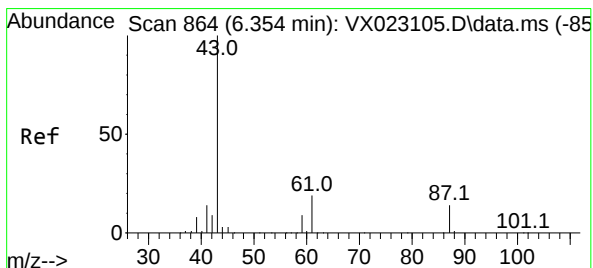
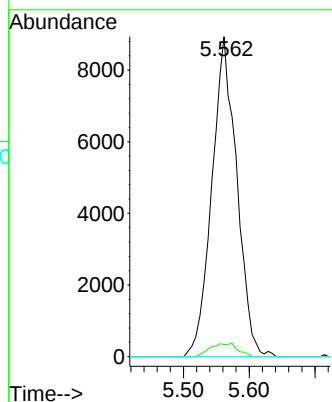
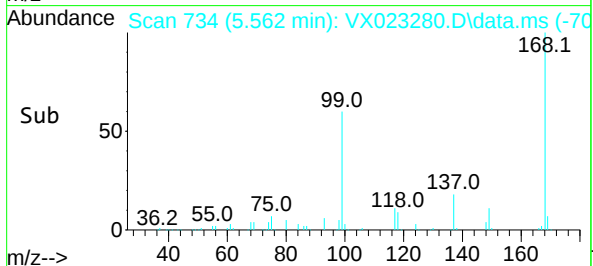


#38
Carbon Tetrachloride
Concen: 6.734 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023280.D
Acq: 14 Jul 2021 15:35

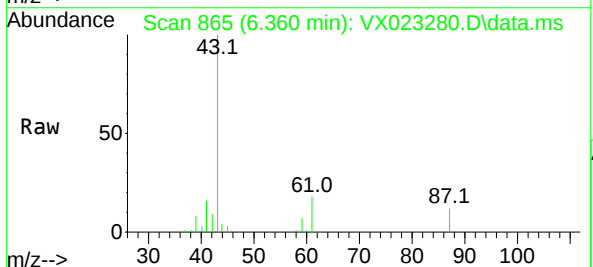
Instrument :
MSVOA_X
ClientSampled :



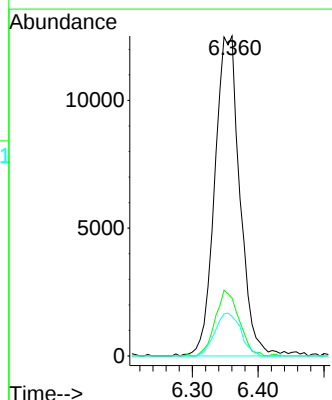
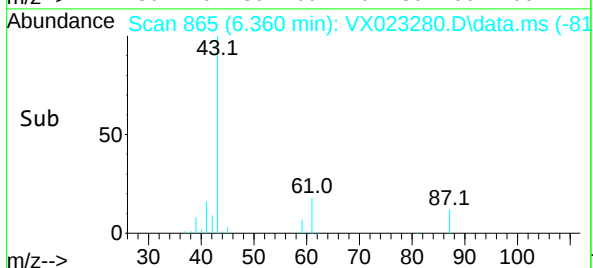
Tgt Ion:117 Resp: 23549
Ion Ratio Lower Upper
117 100
119 3.8 76.2 114.2#
121 0.0 24.8 37.2#

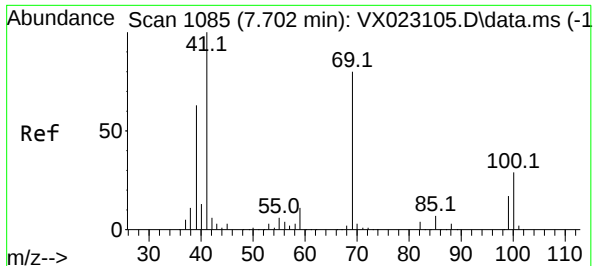


#43
Isopropyl Acetate
Concen: 5.463 ug/l
RT: 6.360 min Scan# 865
Delta R.T. 0.006 min
Lab File: VX023280.D
Acq: 14 Jul 2021 15:35



Tgt Ion: 43 Resp: 33206
Ion Ratio Lower Upper
43 100
61 19.4 18.2 27.4
87 13.8 12.5 18.7

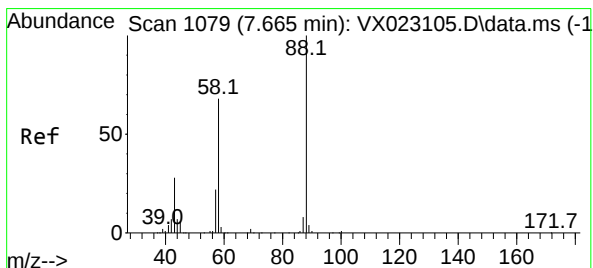
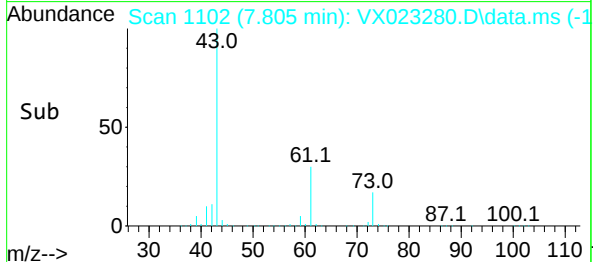
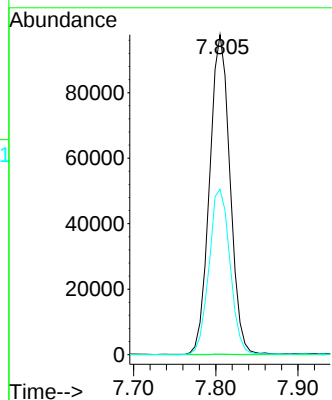
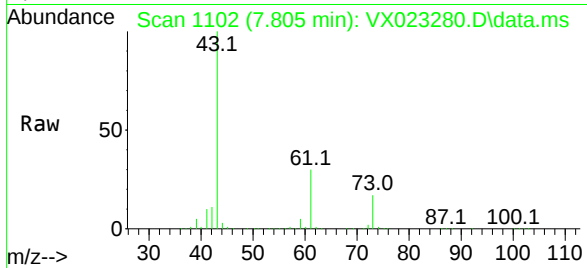




#48
Methyl methacrylate
Concen: 56.420 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.103 min
Lab File: VX023280.D
Acq: 14 Jul 2021 15:35

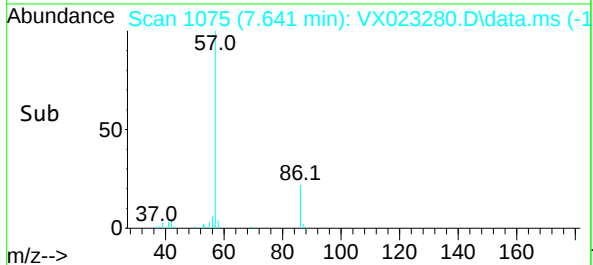
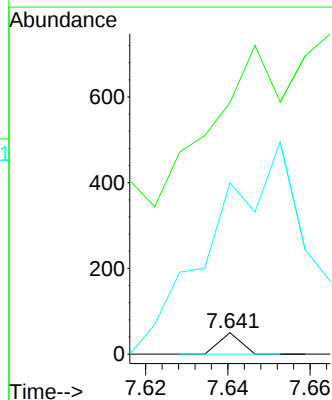
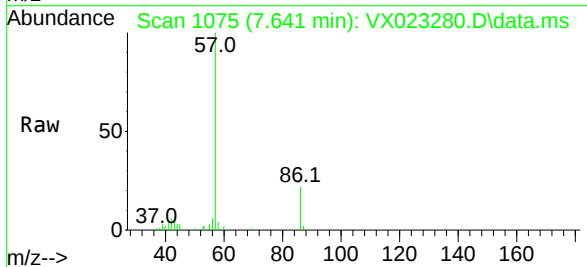
Instrument :
MSVOA_X
ClientSampled :

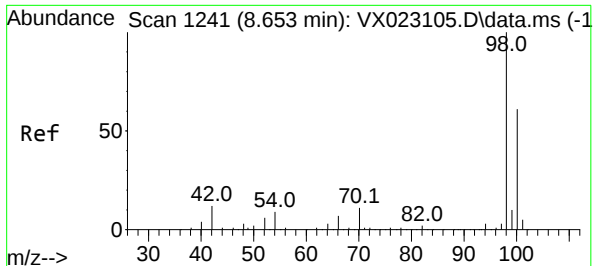
Tgt Ion: 41 Resp: 168287
Ion Ratio Lower Upper
41 100
69 0.1 76.0 114.0#
39 53.4 44.6 67.0



#49
1,4-Dioxane
Concen: 0.268 ug/l
RT: 7.641 min Scan# 1075
Delta R.T. -0.024 min
Lab File: VX023280.D
Acq: 14 Jul 2021 15:35

Tgt Ion: 88 Resp: 18
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 4377.8 55.0 82.4#

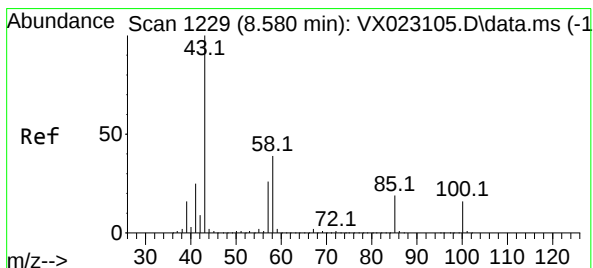
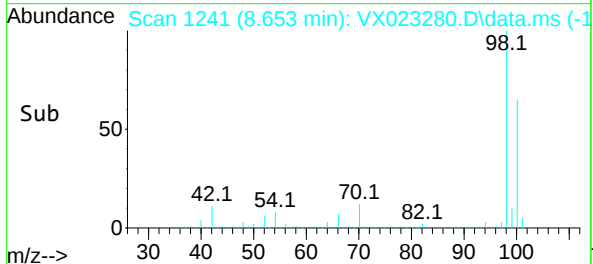
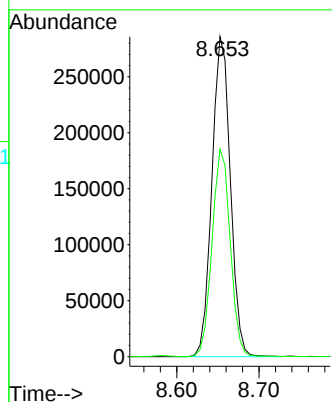
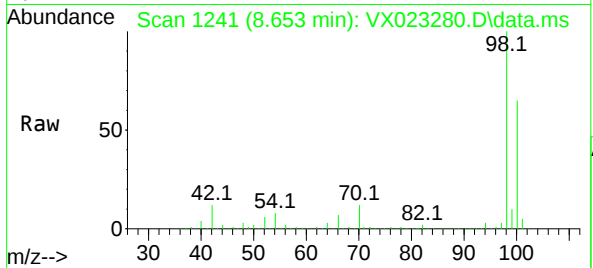




#50
Toluene-d8
Concen: 49.182 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023280.D
Acq: 14 Jul 2021 15:35

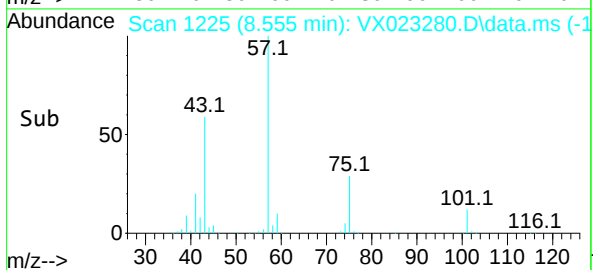
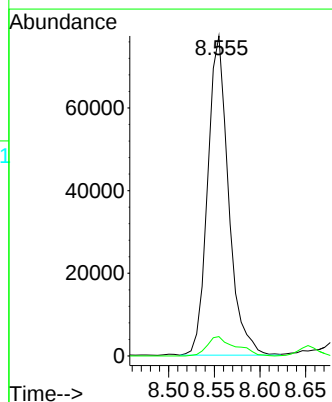
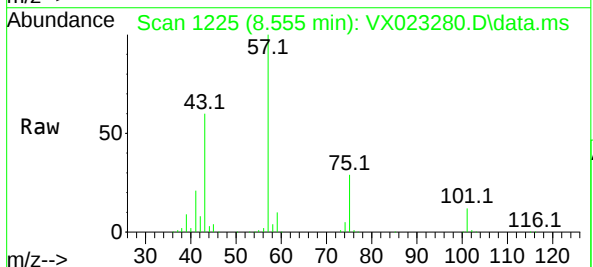
Instrument :
MSVOA_X
ClientSampled :

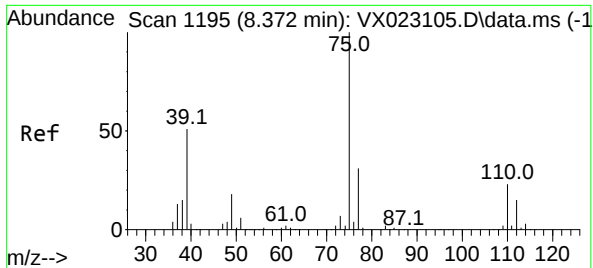
Tgt Ion: 98 Resp: 445197
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 32.490 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023280.D
Acq: 14 Jul 2021 15:35

Tgt Ion: 43 Resp: 122382
Ion Ratio Lower Upper
43 100
58 8.2 35.4 53.0#

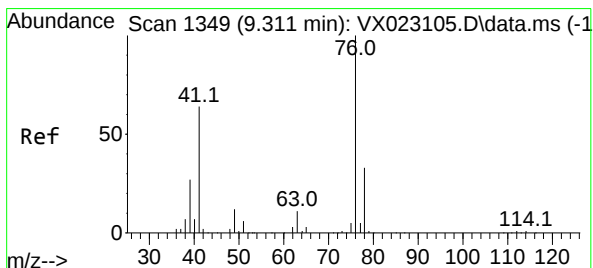
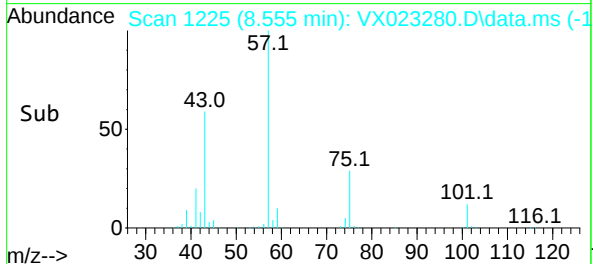
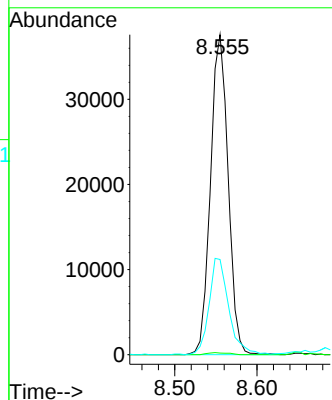
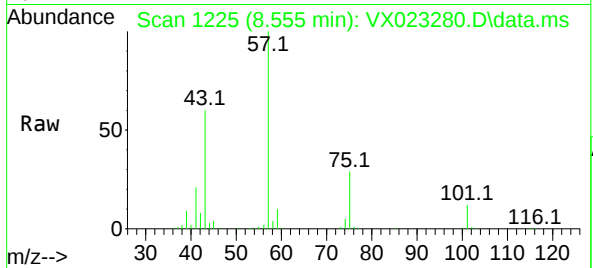




#54
 cis-1,3-Dichloropropene
 Concen: 14.461 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.183 min
 Lab File: VX023280.D
 Acq: 14 Jul 2021 15:35

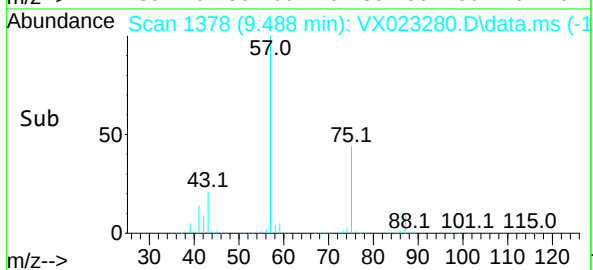
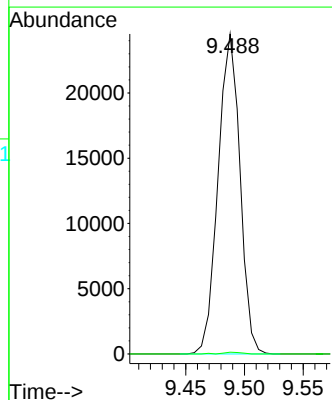
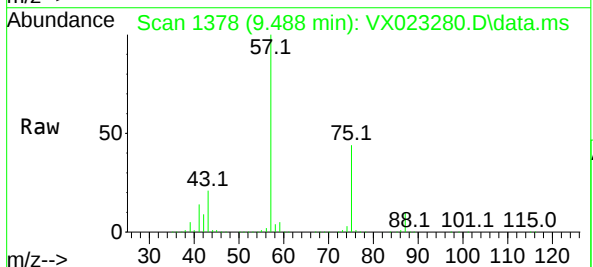
Instrument :
 MSVOA_X
 ClientSampleId :

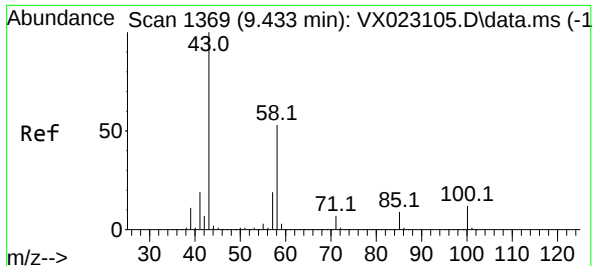
Tgt Ion: 75 Resp: 55978
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.7 38.5#
 39 29.5 35.1 52.7#



#57
 1,3-Dichloropropane
 Concen: 7.284 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.177 min
 Lab File: VX023280.D
 Acq: 14 Jul 2021 15:35

Tgt Ion: 76 Resp: 31823
 Ion Ratio Lower Upper
 76 100
 78 0.5 26.2 39.2#

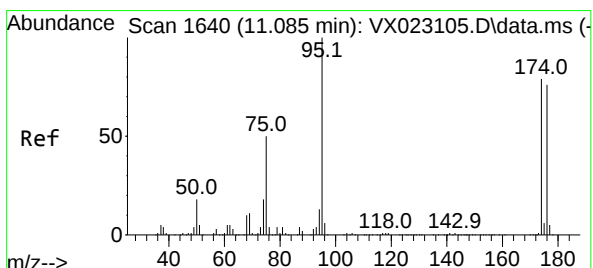
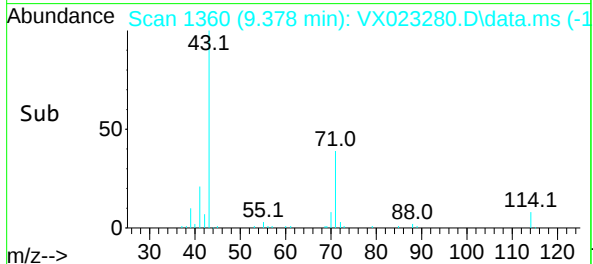
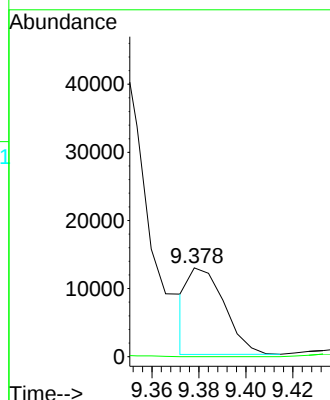
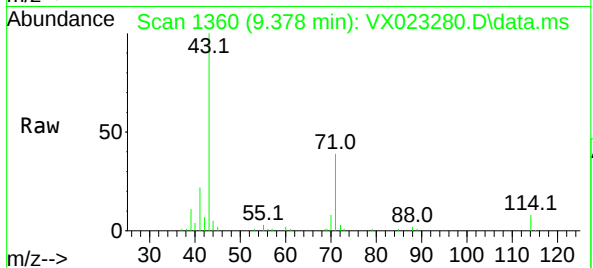




#59
2-Hexanone
Concen: 4.636 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX023280.D
Acq: 14 Jul 2021 15:35

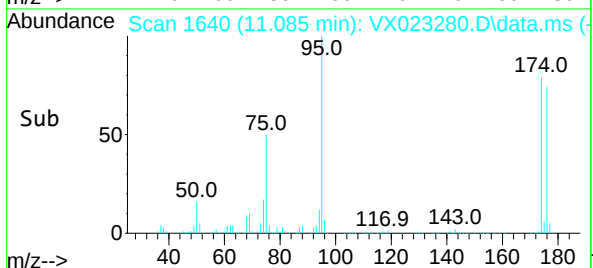
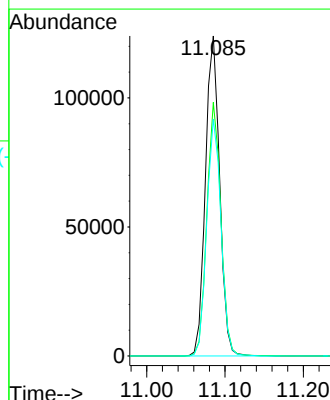
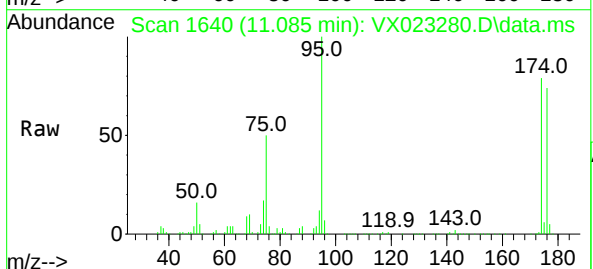
Instrument :
MSVOA_X
ClientSampled :

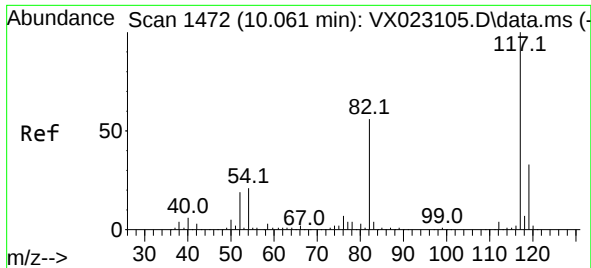
Tgt Ion: 43 Resp: 13400
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 44.563 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023280.D
Acq: 14 Jul 2021 15:35

Tgt Ion: 95 Resp: 155731
Ion Ratio Lower Upper
95 100
174 78.2 0.0 154.6
176 74.3 0.0 155.8

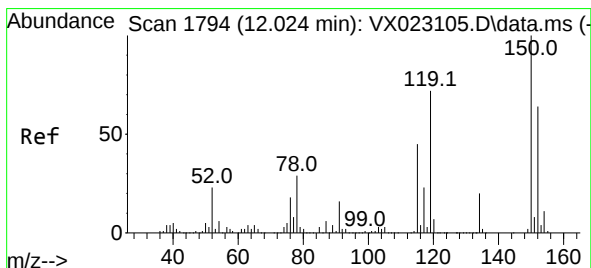
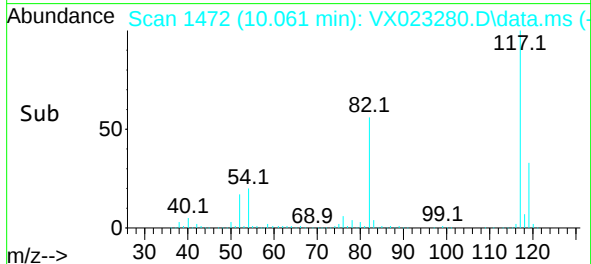
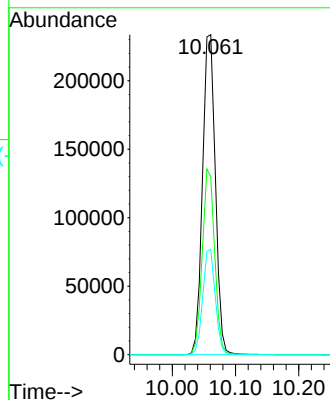
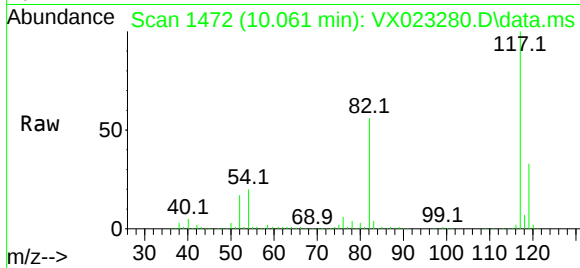




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX023280.D
Acq: 14 Jul 2021 15:35

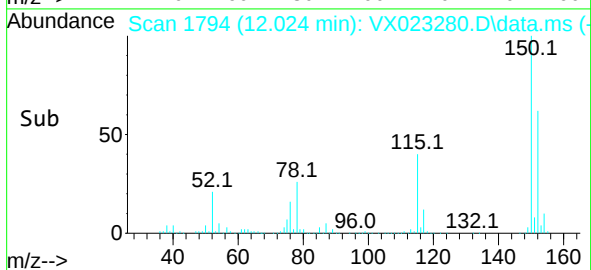
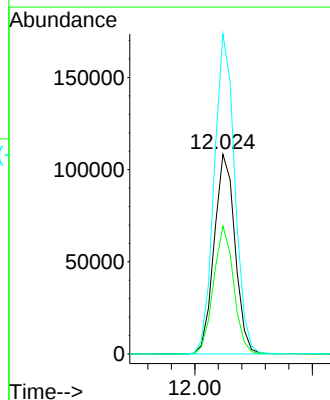
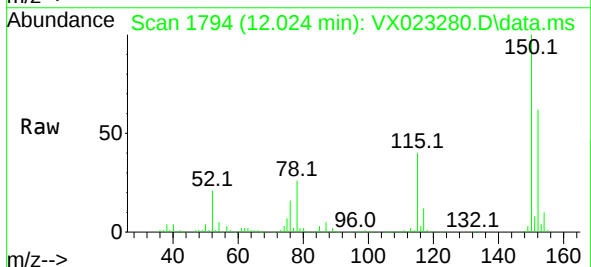
Instrument :
MSVOA_X
ClientSampled :

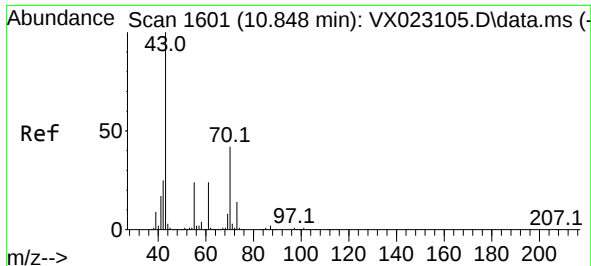
Tgt Ion:117 Resp: 331523
Ion Ratio Lower Upper
117 100
82 55.7 47.4 71.2
119 32.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX023280.D
Acq: 14 Jul 2021 15:35

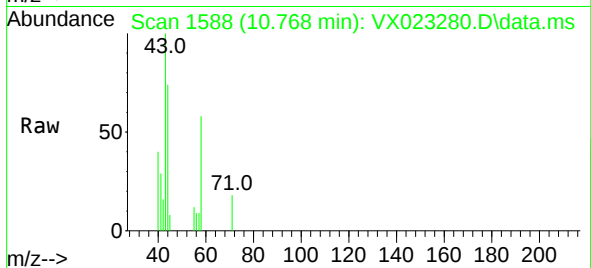
Tgt Ion:152 Resp: 133510
Ion Ratio Lower Upper
152 100
115 61.8 41.1 123.3
150 158.0 0.0 349.0



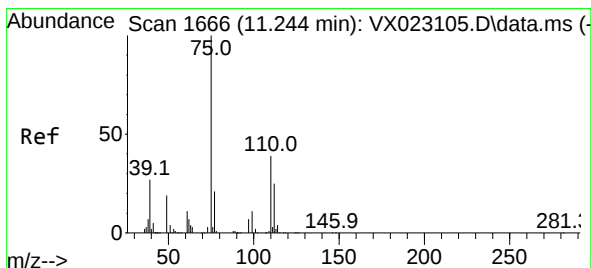
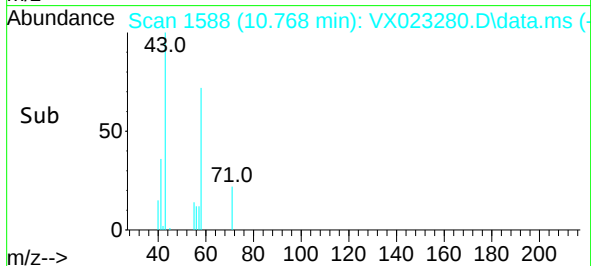
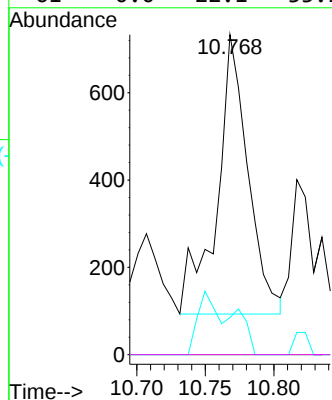


#74
N-amy1 acetate
Concen: 0.253 ug/l
RT: 10.768 min Scan# 1588
Delta R.T. -0.080 min
Lab File: VX023280.D
Acq: 14 Jul 2021 15:35

Instrument :
MSVOA_X
ClientSampleId :

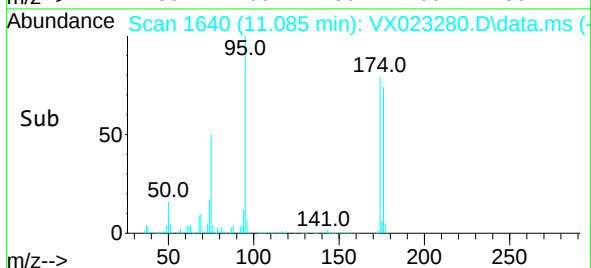
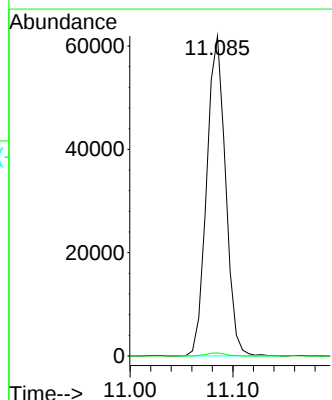
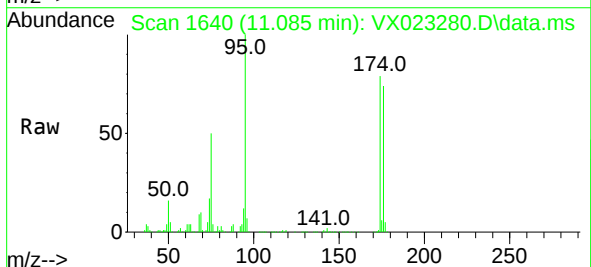


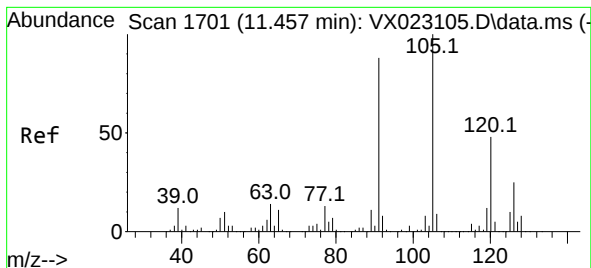
Tgt Ion: 43 Resp: 1010
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 14.8 21.5 32.3#
61 0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 29.355 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023280.D
Acq: 14 Jul 2021 15:35

Tgt Ion: 75 Resp: 78867
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#80

1,3,5-Trimethylbenzene

Concen: 0.297 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VX023280.D

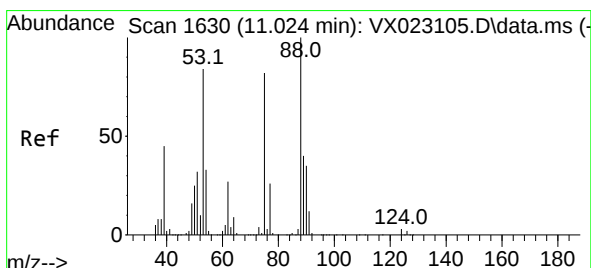
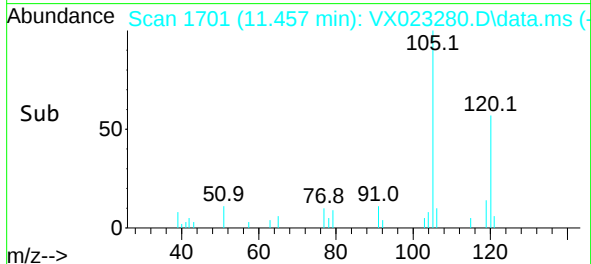
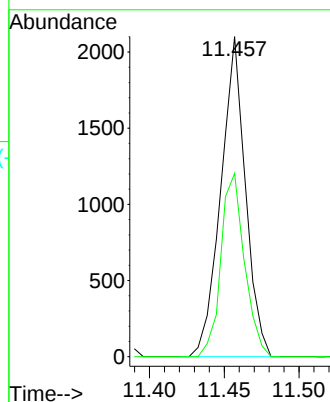
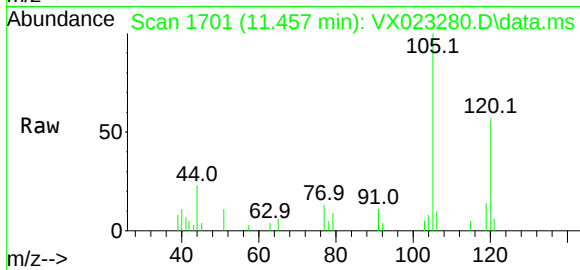
Acq: 14 Jul 2021 15:35

Tgt Ion:105 Resp: 2406

Ion Ratio Lower Upper

105 100

120 54.8 23.8 71.5



#81

trans-1,4-Dichloro-2-butene

Concen: 78.921 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.061 min

Lab File: VX023280.D

Acq: 14 Jul 2021 15:35

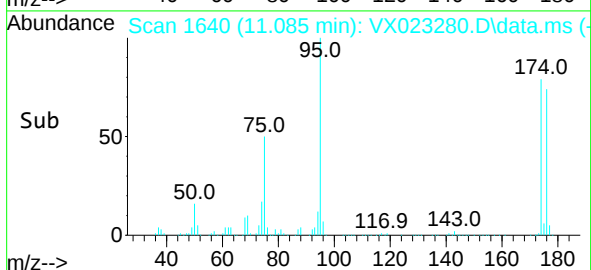
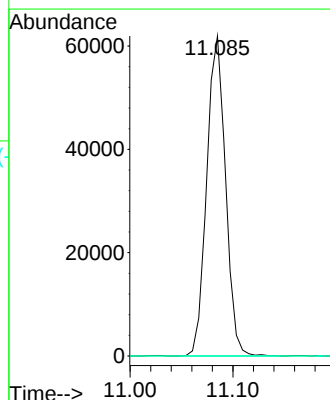
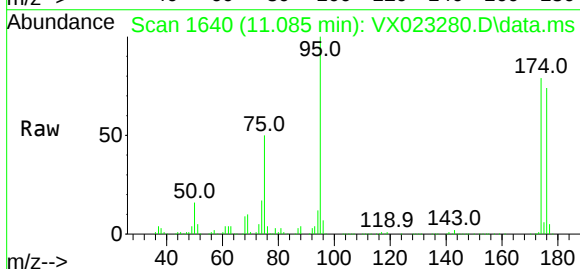
Tgt Ion: 75 Resp: 78867

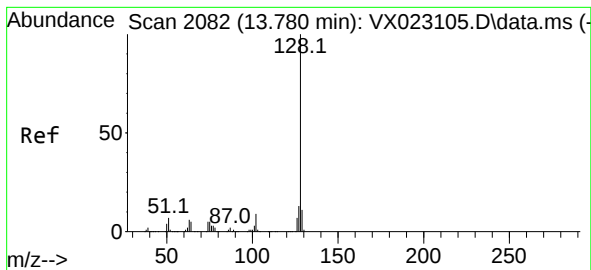
Ion Ratio Lower Upper

75 100

53 0.0 74.5 111.7#

89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.295 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023280.D
Acq: 14 Jul 2021 15:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.3	15.5
129	0.0	8.8	13.2#

