

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071421\
 Data File : VX023282.D
 Acq On : 14 Jul 2021 16:22
 Operator : JC/MD
 Sample : PB137668ZHE#07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

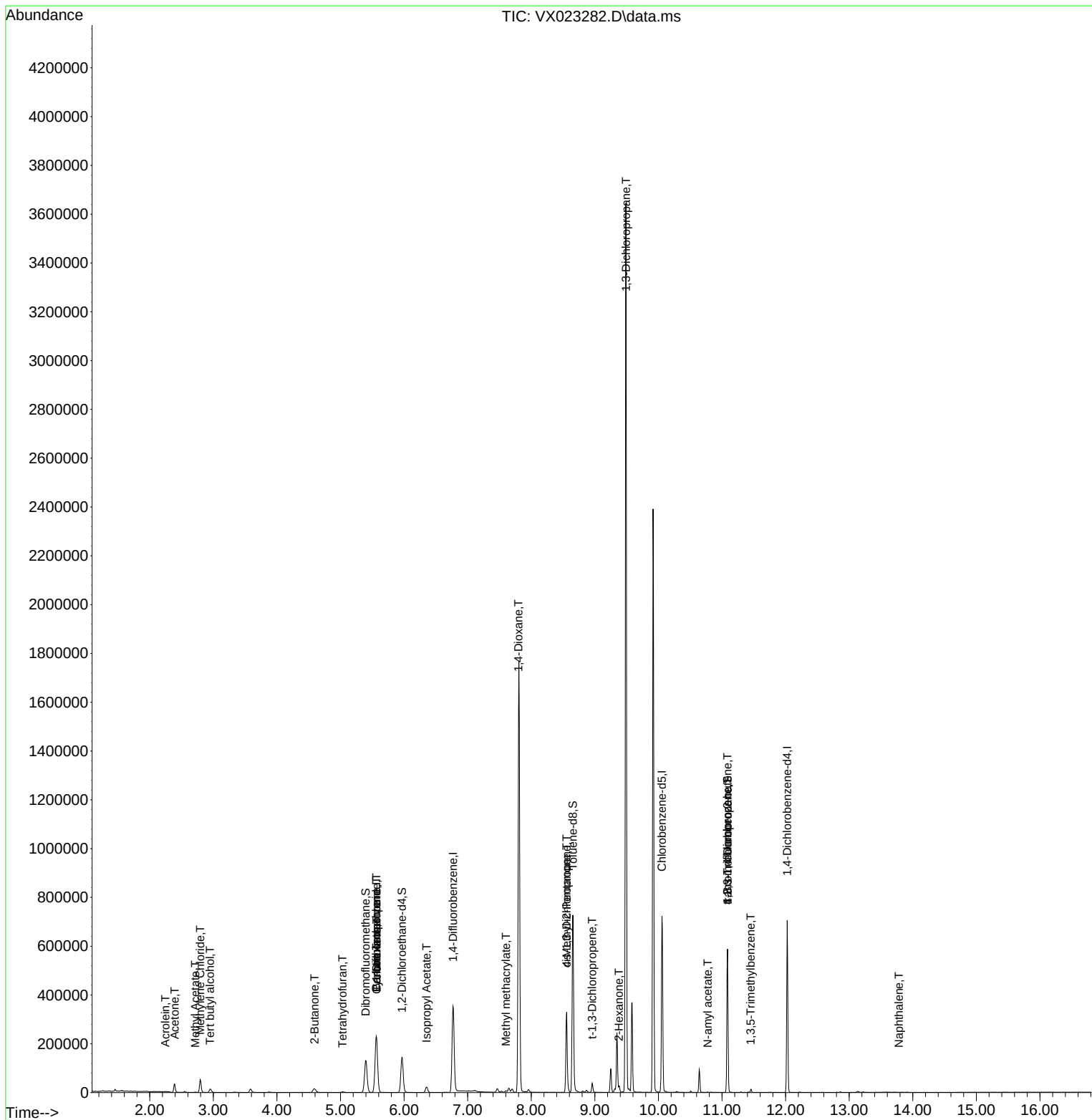
Quant Time: Jul 15 04:28:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

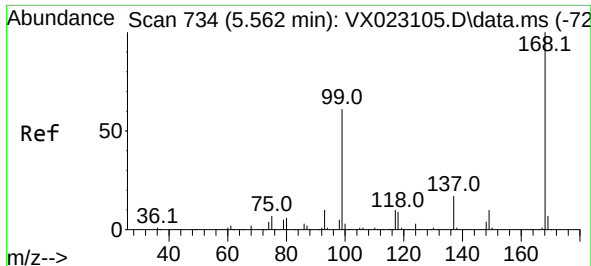
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	217310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	356696	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	328073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143519	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	146538	50.173	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.340%		
35) Dibromofluoromethane	5.397	113	112980	49.049	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.100%		
50) Toluene-d8	8.653	98	429148	49.946	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 99.900%		
62) 4-Bromofluorobenzene	11.085	95	157671	47.533	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 95.060%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	300	Below Cal	#	73
11) Tert butyl alcohol	2.947	59	9134	14.866	ug/l #	75
13) Acrolein	2.246	56	273	0.667	ug/l #	80
16) Acetone	2.392	43	36148	31.284	ug/l	91
18) Methyl Acetate	2.715	43	1851	0.660	ug/l	93
20) Methylene Chloride	2.794	84	23845	9.585	ug/l	96
25) 2-Butanone	4.593	43	6538	3.752	ug/l #	77
29) Tetrahydrofuran	5.032	42	2541	2.269	ug/l #	82
31) Cyclohexane	5.568	56	4757	1.360	ug/l #	7
36) 1,1-Dichloropropene	5.562	75	17263	5.429	ug/l #	49
38) Carbon Tetrachloride	5.562	117	21908	6.600	ug/l #	15
43) Isopropyl Acetate	6.355	43	30246	5.242	ug/l	95
48) Methyl methacrylate	7.604	41	7354	2.597	ug/l #	10
49) 1,4-Dioxane	7.800	88	214	3.358	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	113195	31.660	ug/l #	45
53) t-1,3-Dichloropropene	8.958	75	40	2.746	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	51555	14.096	ug/l #	65
57) 1,3-Dichloropropane	9.488	76	29461	7.104	ug/l #	43
59) 2-Hexanone	9.378	43	12280	4.476	ug/l #	19
74) N-amyl acetate	10.775	43	1040	0.242	ug/l #	42
76) 1,2,3-Trichloropropane	11.085	75	81034	28.058	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	5653	0.649	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.085	75	81034	75.645	ug/l #	12
95) Naphthalene	13.780	128	172	1.291	ug/l #	69

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

Quant Time: Jul 15 04:28:33 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

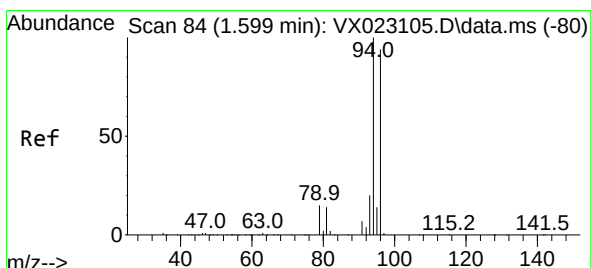
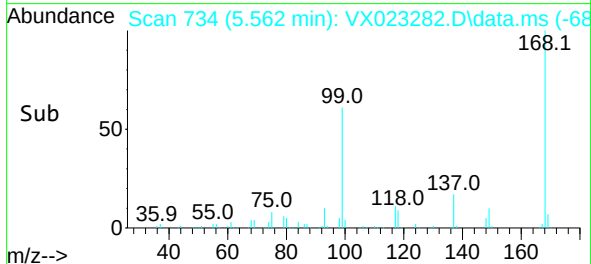
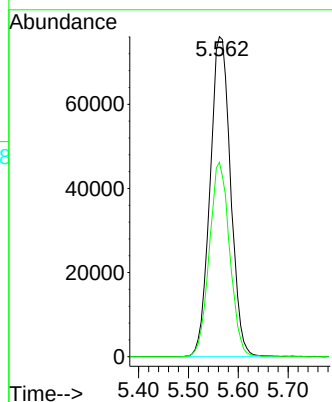
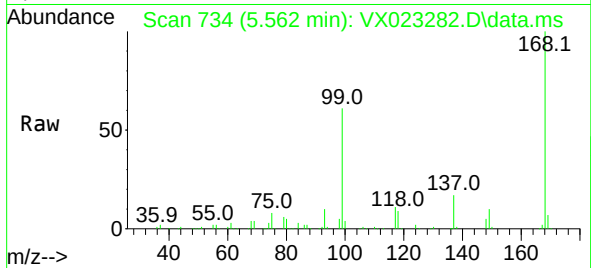




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023282.D
Acq: 14 Jul 2021 16:22

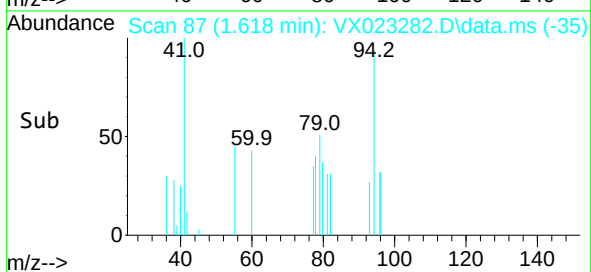
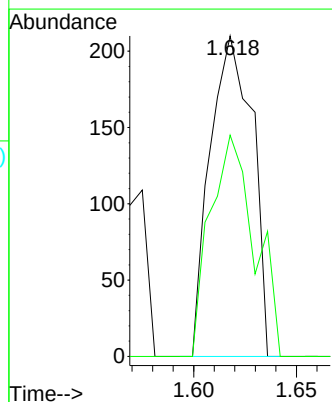
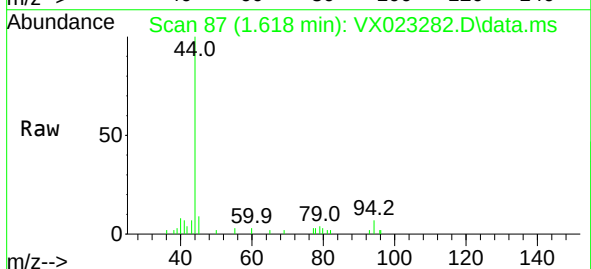
Instrument :
MSVOA_X
ClientSampleId :

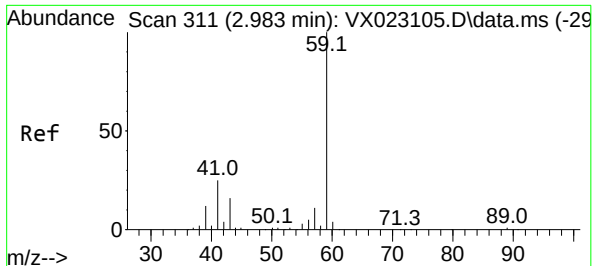
Tgt Ion:168 Resp: 217310
Ion Ratio Lower Upper
168 100
99 60.8 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023282.D
Acq: 14 Jul 2021 16:22

Tgt Ion: 94 Resp: 300
Ion Ratio Lower Upper
94 100
96 69.0 76.4 114.6#

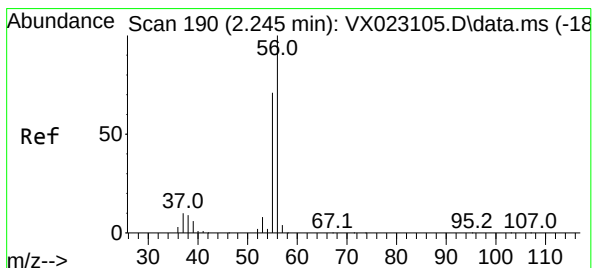
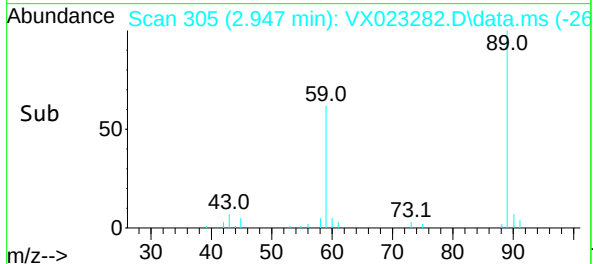
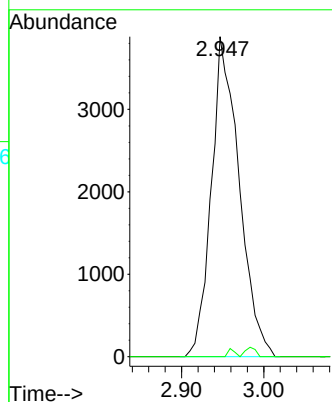
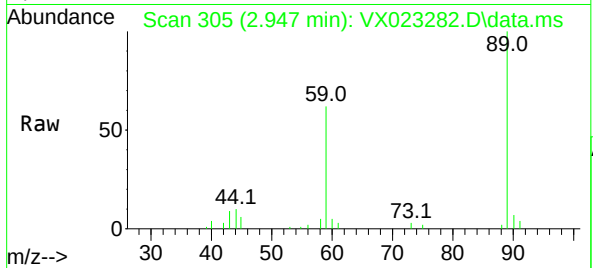




#11
Tert butyl alcohol
Concen: 14.866 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX023282.D
Acq: 14 Jul 2021 16:22

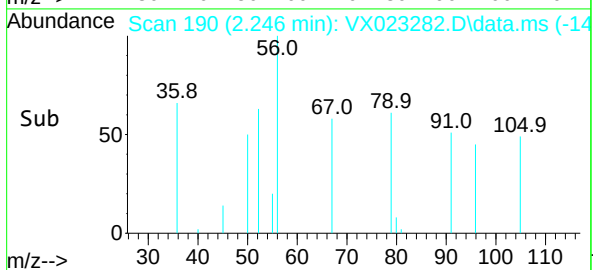
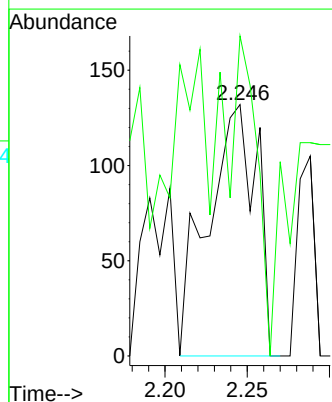
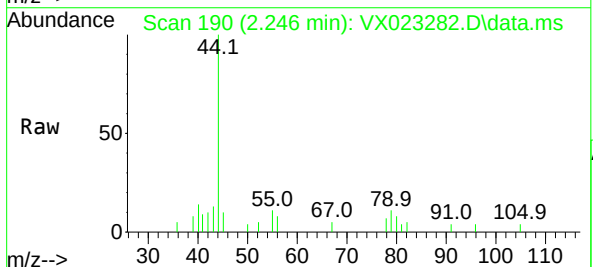
Instrument :
MSVOA_X
ClientSampled :

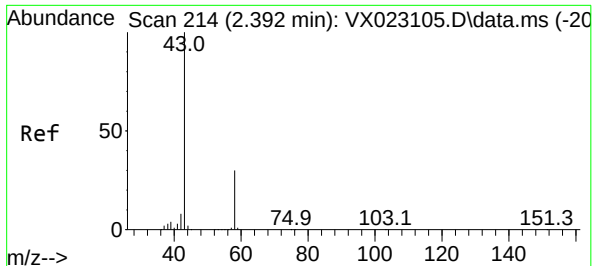
Tgt Ion: 59 Resp: 9134
Ion Ratio Lower Upper
59 100
57 0.6 7.8 11.8#



#13
Acrolein
Concen: 0.667 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.001 min
Lab File: VX023282.D
Acq: 14 Jul 2021 16:22

Tgt Ion: 56 Resp: 273
Ion Ratio Lower Upper
56 100
55 54.2 56.4 84.6#

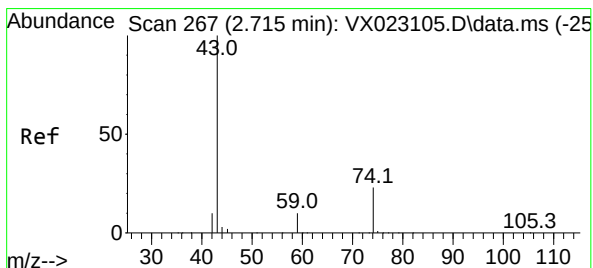
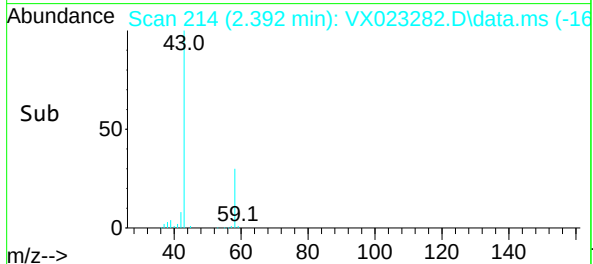
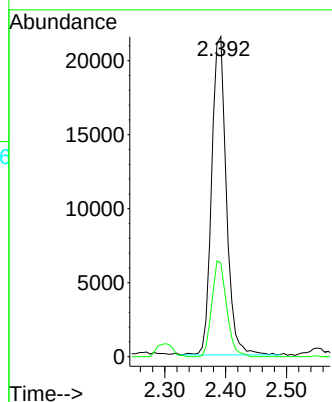
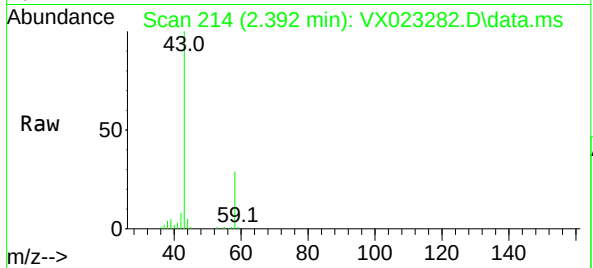




#16
Acetone
Concen: 31.284 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023282.D
Acq: 14 Jul 2021 16:22

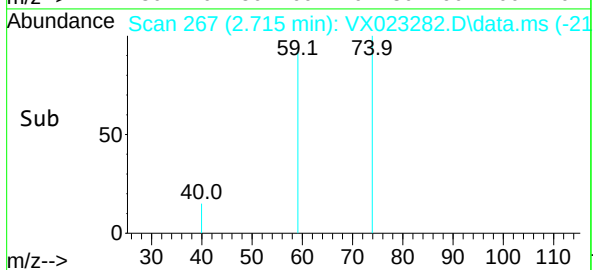
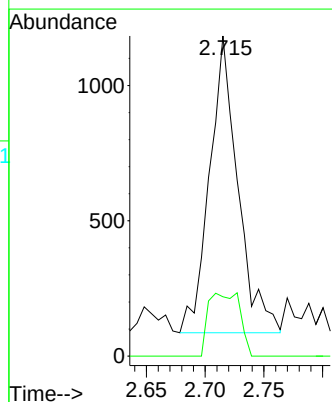
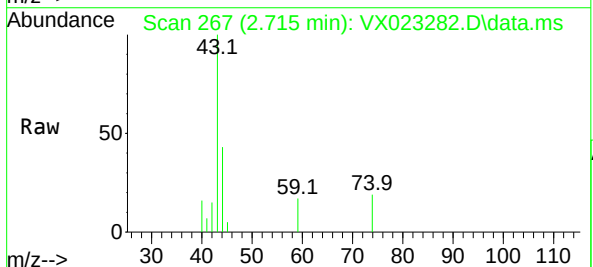
Instrument :
MSVOA_X
ClientSampled :

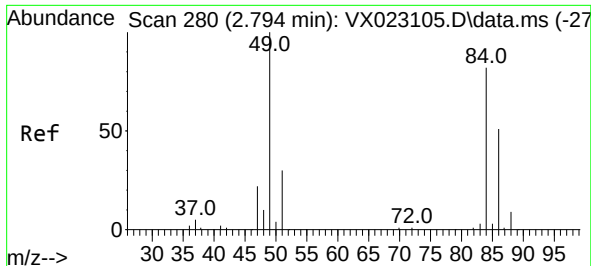
Tgt Ion: 43 Resp: 36148
Ion Ratio Lower Upper
43 100
58 29.5 27.8 41.8



#18
Methyl Acetate
Concen: 0.660 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX023282.D
Acq: 14 Jul 2021 16:22

Tgt Ion: 43 Resp: 1851
Ion Ratio Lower Upper
43 100
74 23.5 21.9 32.9

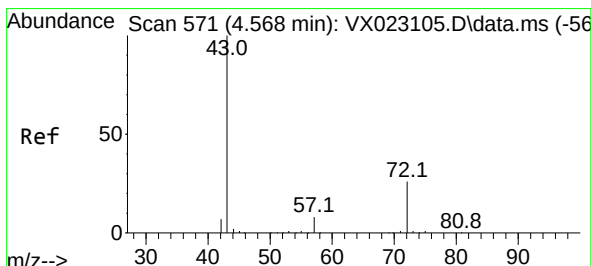
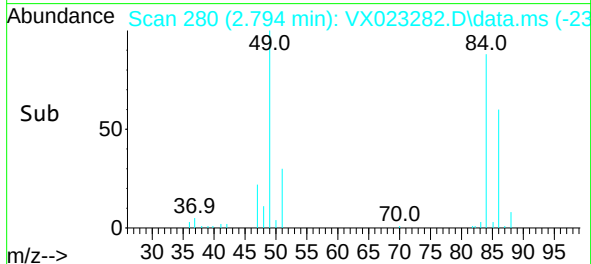
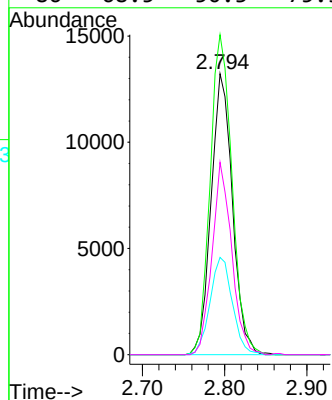
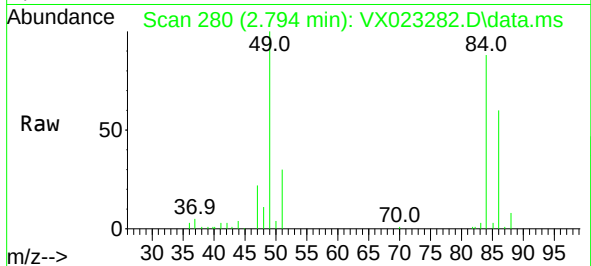




#20
Methylene Chloride
Concen: 9.585 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023282.D
Acq: 14 Jul 2021 16:22

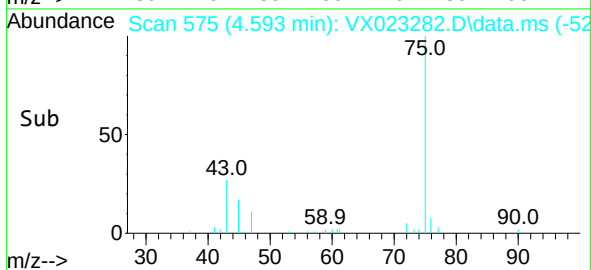
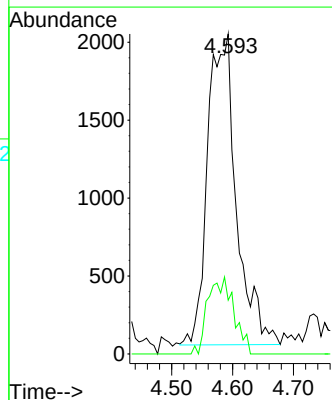
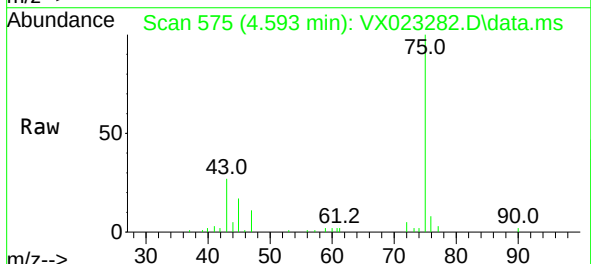
Instrument :
MSVOA_X
ClientSampled :

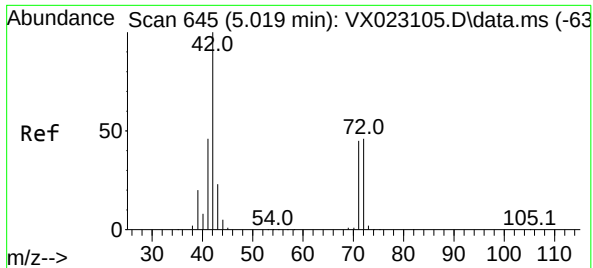
Tgt Ion: 84	Resp: 23845		
Ion	Ratio	Lower	Upper
84	100		
49	113.9	88.6	132.8
51	34.7	27.0	40.6
86	68.5	50.3	75.5



#25
2-Butanone
Concen: 3.752 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.025 min
Lab File: VX023282.D
Acq: 14 Jul 2021 16:22

Tgt Ion: 43	Resp: 6538		
Ion Ratio	Lower	Upper	
43 100			
72 17.3	23.7	35.5#	





#29

Tetrahydrofuran

Concen: 2.269 ug/l

RT: 5.032 min Scan# 647

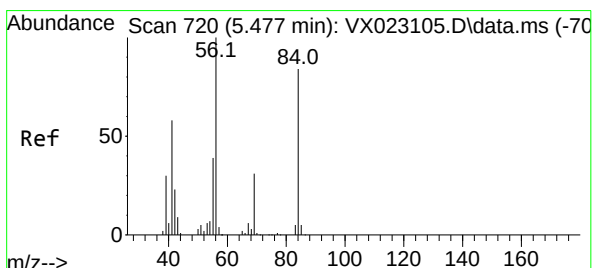
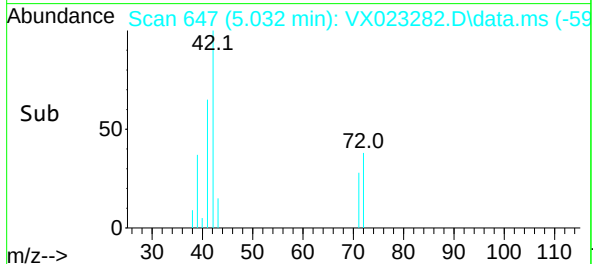
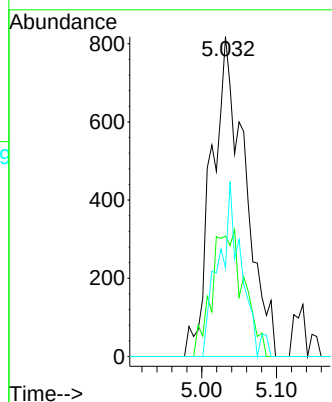
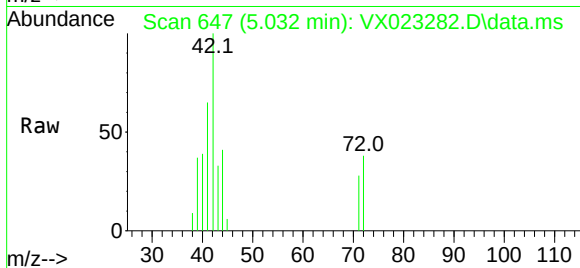
Delta R.T. 0.013 min

Lab File: VX023282.D

Acq: 14 Jul 2021 16:22

Tgt Ion:	42	Resp:	2541
Ion	Ratio	Lower	Upper
42	100		
72	38.4	41.7	62.5#
71	37.2	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.360 ug/l

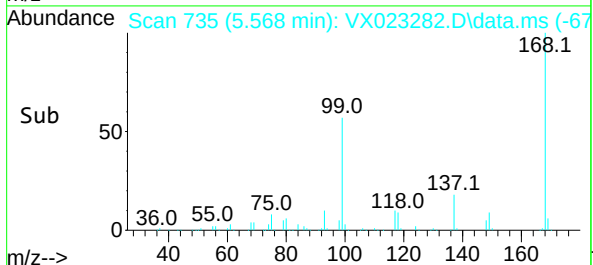
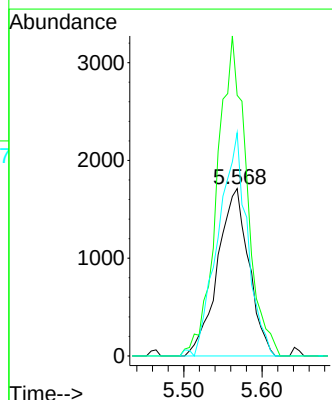
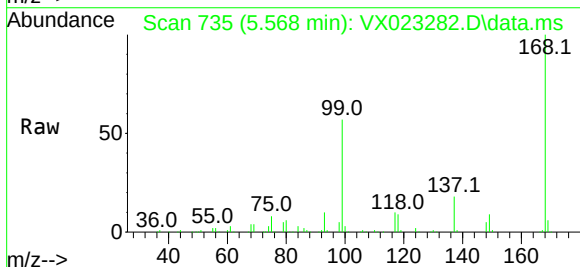
RT: 5.568 min Scan# 735

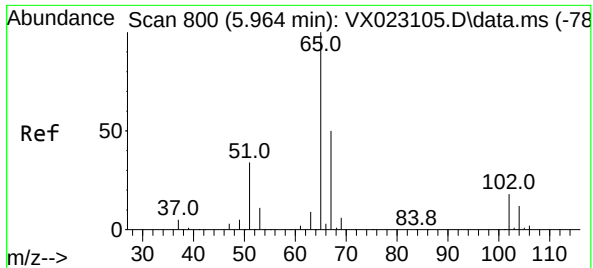
Delta R.T. 0.091 min

Lab File: VX023282.D

Acq: 14 Jul 2021 16:22

Tgt Ion:	56	Resp:	4757
Ion	Ratio	Lower	Upper
56	100		
69	155.7	25.3	37.9#
84	133.4	71.4	107.0#



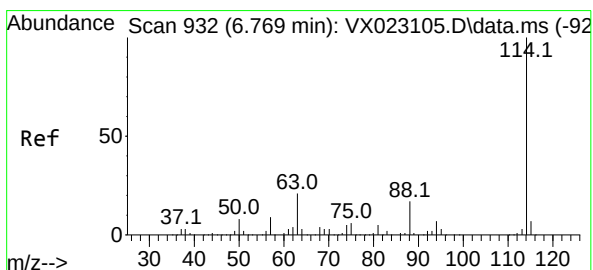
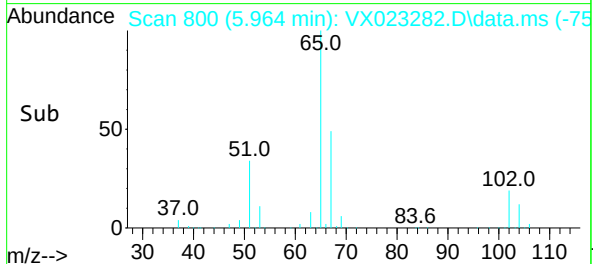
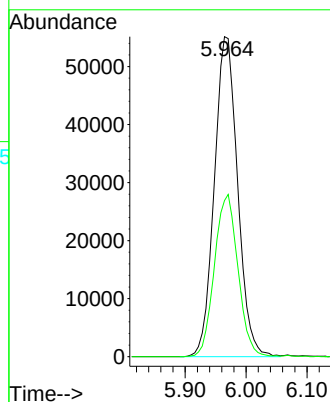
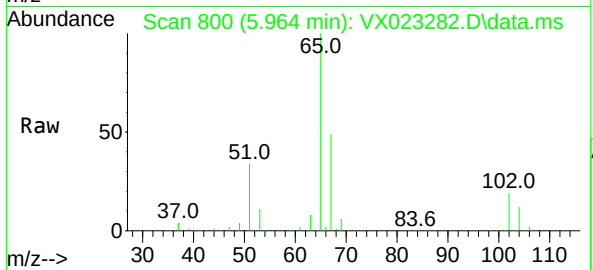


#33

1,2-Dichloroethane-d4
Concen: 50.173 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023282.D
Acq: 14 Jul 2021 16:22

Instrument :
MSVOA_X
ClientSampled :

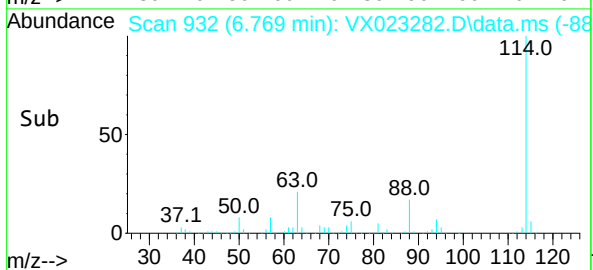
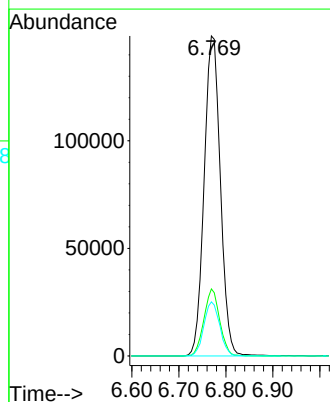
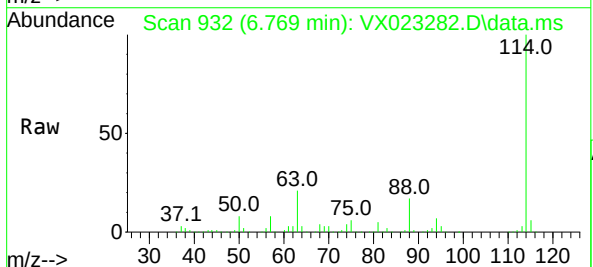
Tgt Ion: 65 Resp: 146538
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.4

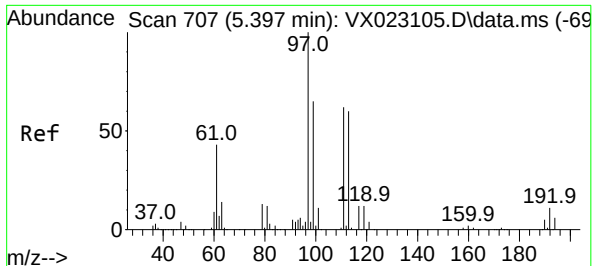


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023282.D
Acq: 14 Jul 2021 16:22

Tgt Ion: 114 Resp: 356696
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 16.9 0.0 32.8

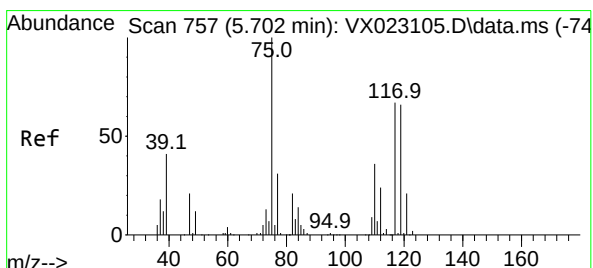
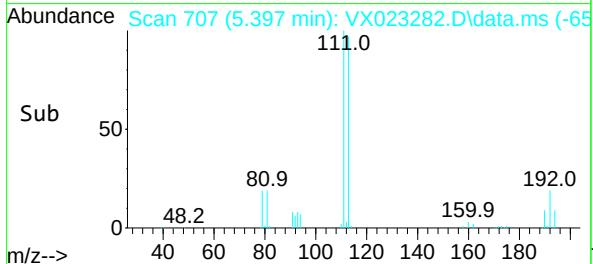
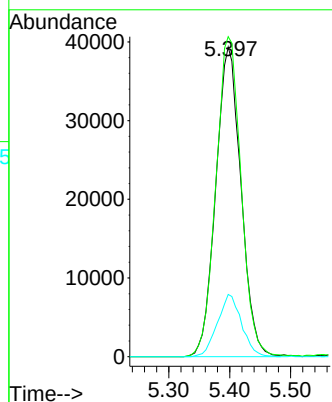
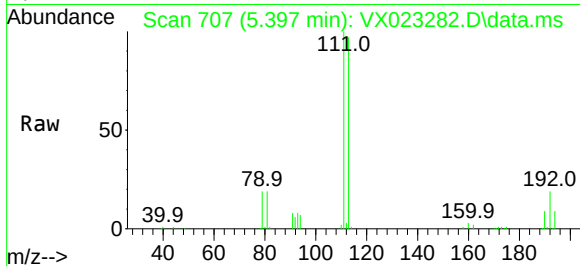




#35
Dibromofluoromethane
Concen: 49.049 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023282.D
Acq: 14 Jul 2021 16:22

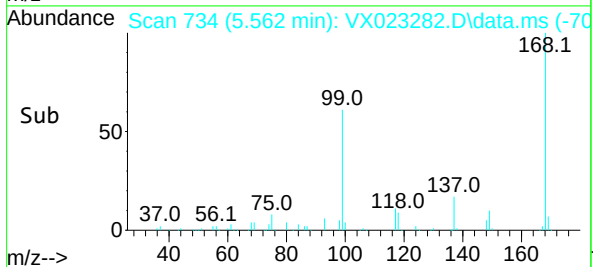
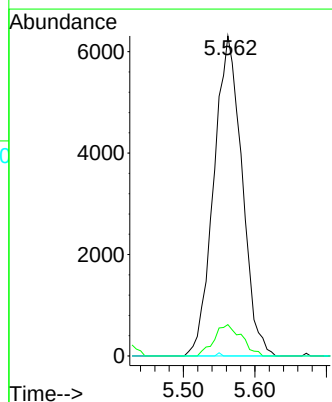
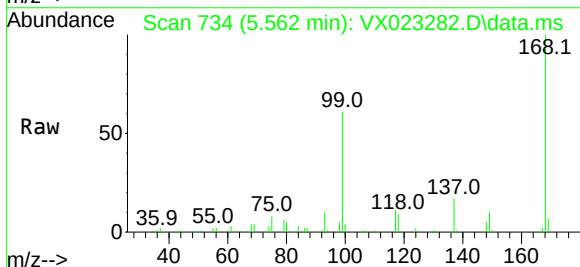
Instrument :
MSVOA_X
ClientSampled :

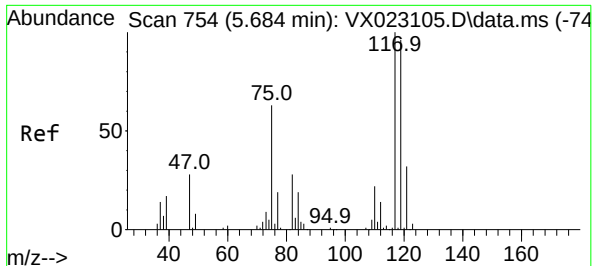
Tgt Ion:113 Resp: 112980
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 19.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.429 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023282.D
Acq: 14 Jul 2021 16:22

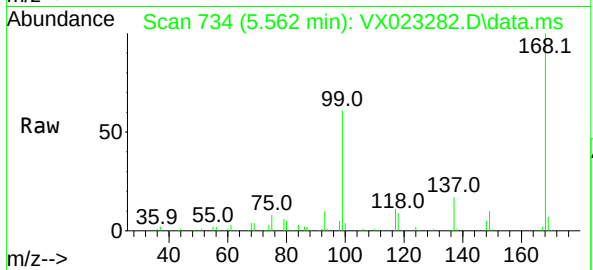
Tgt Ion: 75 Resp: 17263
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.4#
77 0.1 25.3 37.9#



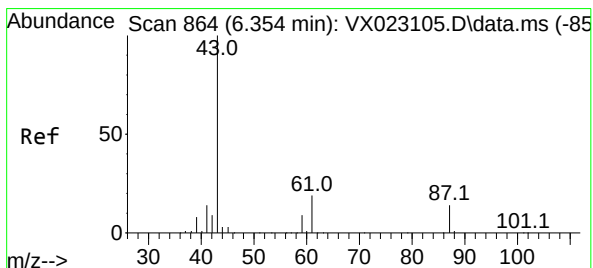
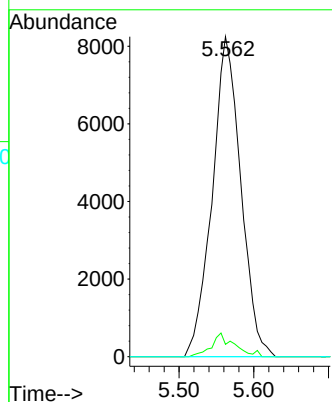
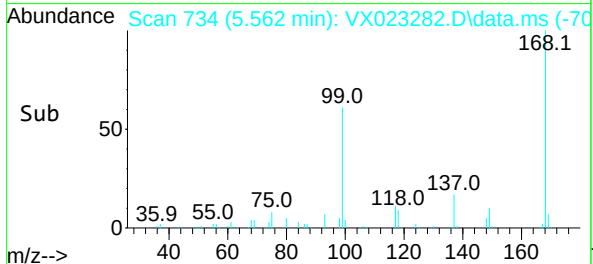


#38
Carbon Tetrachloride
Concen: 6.600 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023282.D
Acq: 14 Jul 2021 16:22

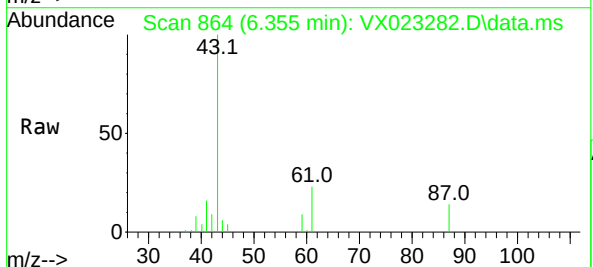
Instrument :
MSVOA_X
ClientSampled :



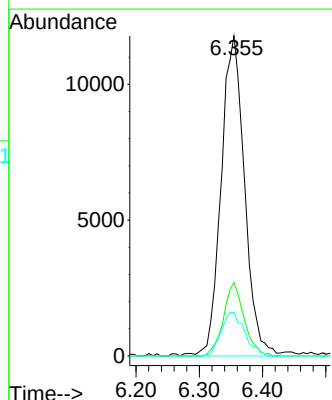
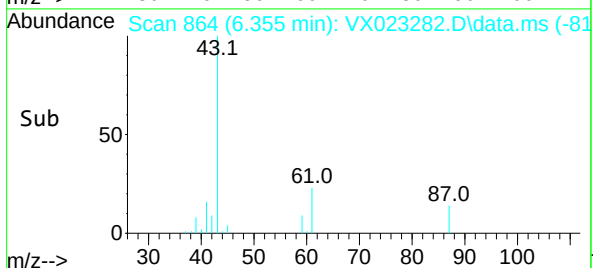
Tgt Ion:117 Resp: 21908
Ion Ratio Lower Upper
117 100
119 3.9 76.2 114.2#
121 0.0 24.8 37.2#

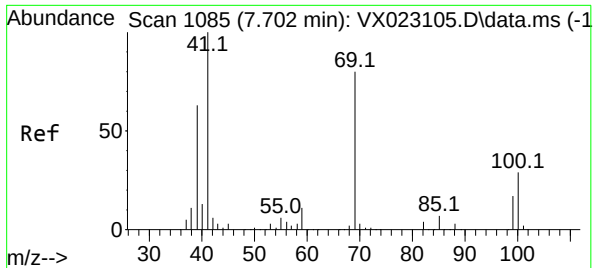


#43
Isopropyl Acetate
Concen: 5.242 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.001 min
Lab File: VX023282.D
Acq: 14 Jul 2021 16:22



Tgt Ion: 43 Resp: 30246
Ion Ratio Lower Upper
43 100
61 20.2 18.2 27.4
87 13.7 12.5 18.7

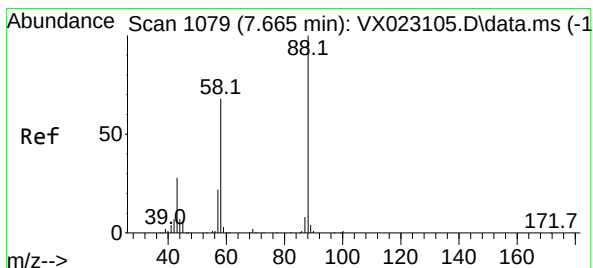
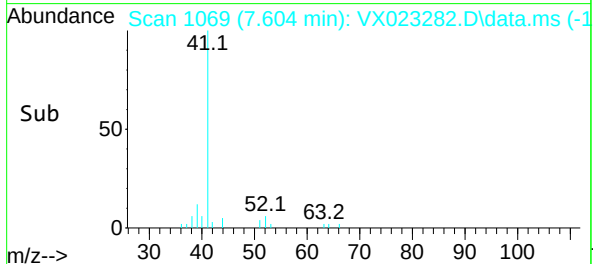
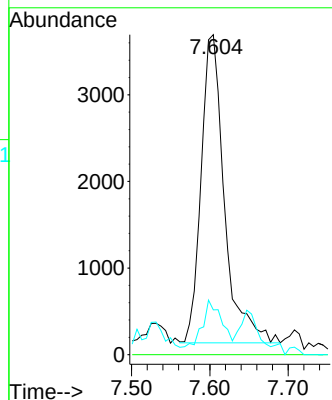
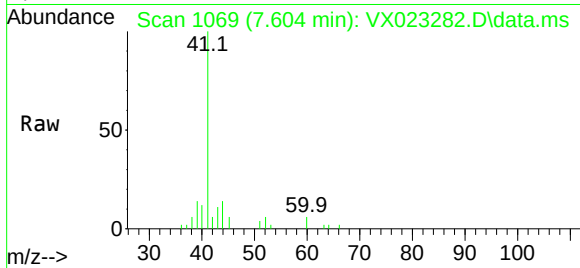




#48
Methyl methacrylate
Concen: 2.597 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.098 min
Lab File: VX023282.D
Acq: 14 Jul 2021 16:22

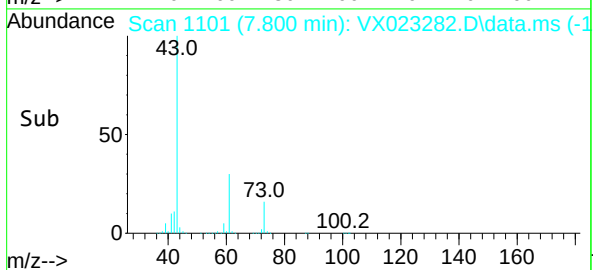
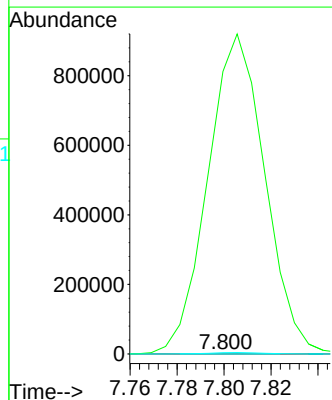
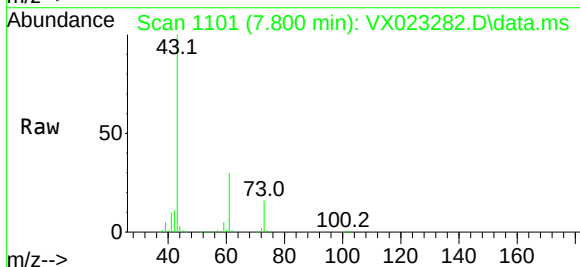
Instrument :
MSVOA_X
ClientSampled :

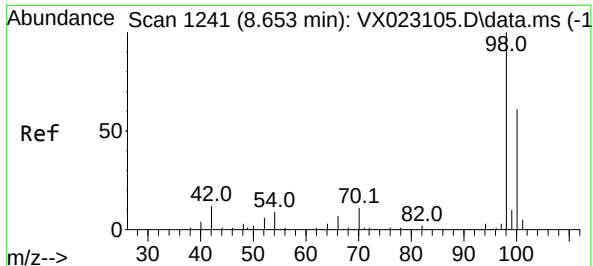
Tgt Ion: 41 Resp: 7354
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 3.358 ug/l
RT: 7.800 min Scan# 1101
Delta R.T. 0.135 min
Lab File: VX023282.D
Acq: 14 Jul 2021 16:22

Tgt Ion: 88 Resp: 214
Ion Ratio Lower Upper
88 100
43 731540.7 23.2 34.8#
58 3096.7 55.0 82.4#





#50

Toluene-d8

Concen: 49.946 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX023282.D

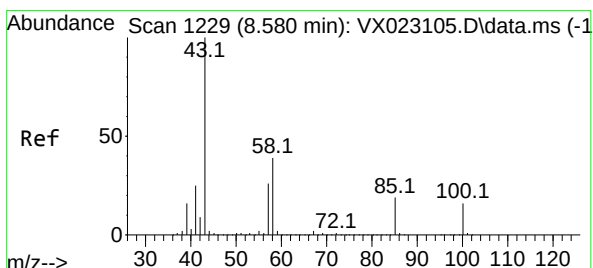
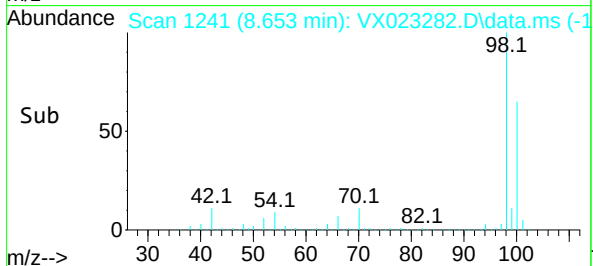
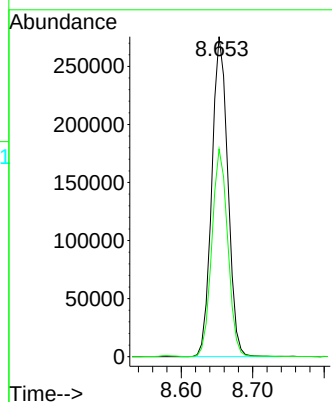
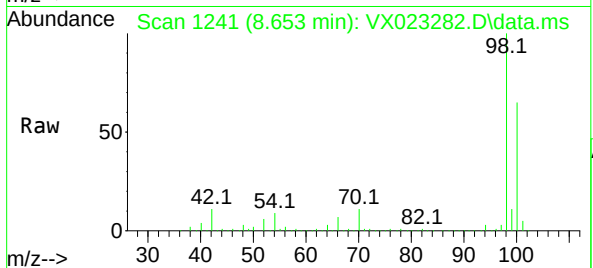
Acq: 14 Jul 2021 16:22

Tgt Ion: 98 Resp: 429148

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 31.660 ug/l

RT: 8.555 min Scan# 1225

Delta R.T. -0.025 min

Lab File: VX023282.D

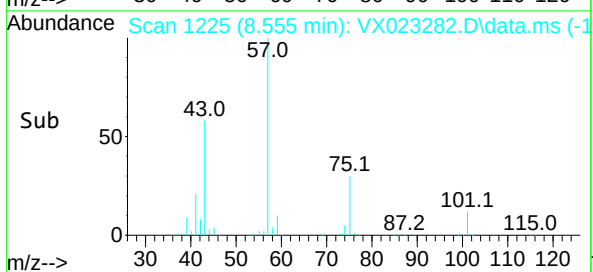
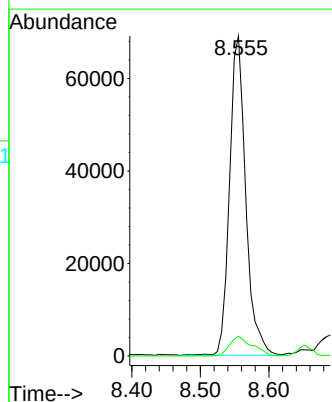
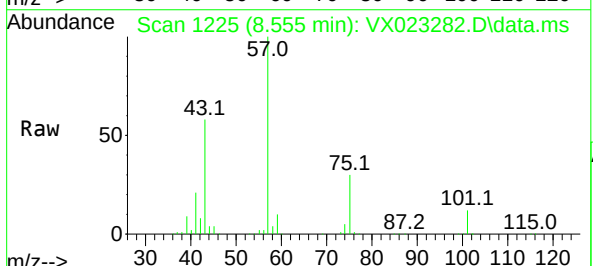
Acq: 14 Jul 2021 16:22

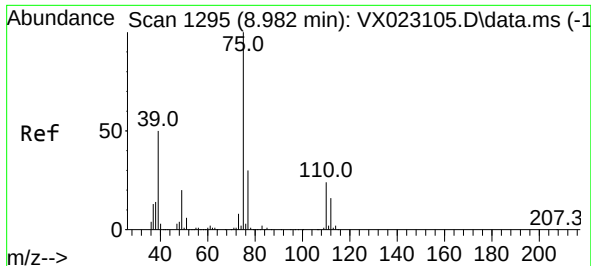
Tgt Ion: 43 Resp: 113195

Ion Ratio Lower Upper

43 100

58 8.6 35.4 53.0#

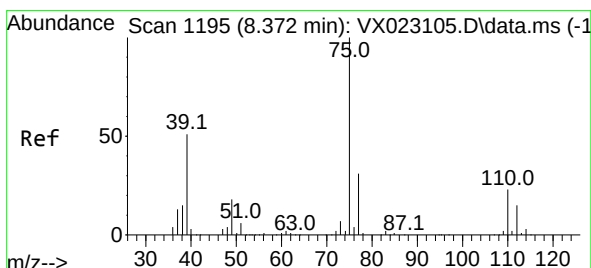
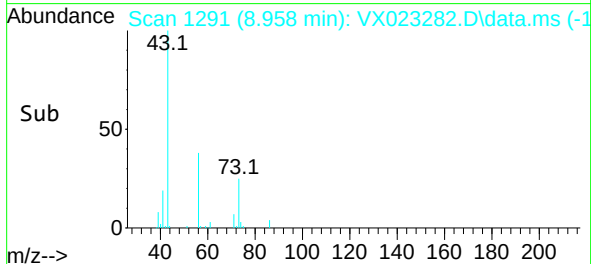
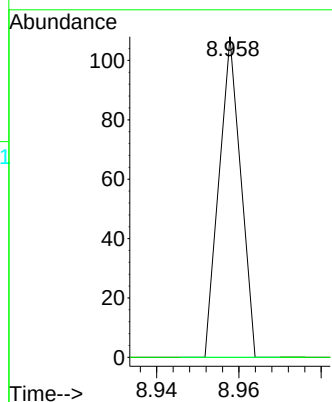
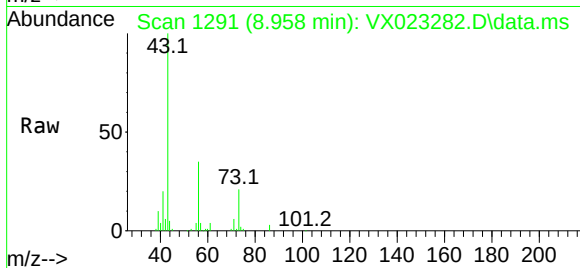




#53
t-1,3-Dichloropropene
Concen: 2.746 ug/l
RT: 8.958 min Scan# 1291
Delta R.T. -0.024 min
Lab File: VX023282.D
Acq: 14 Jul 2021 16:22

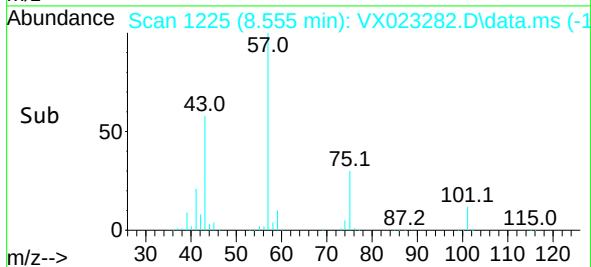
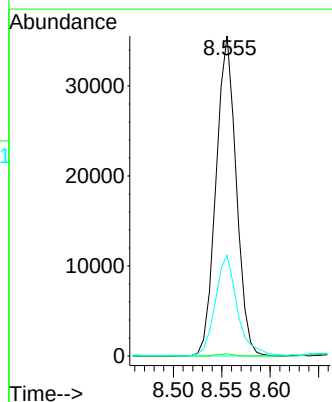
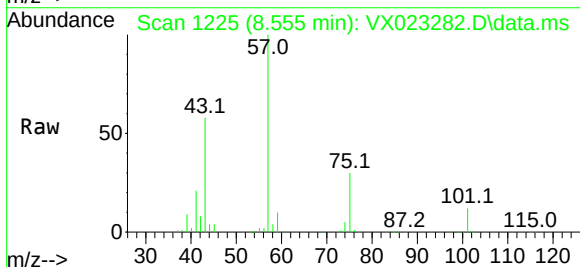
Instrument :
MSVOA_X
ClientSampled :

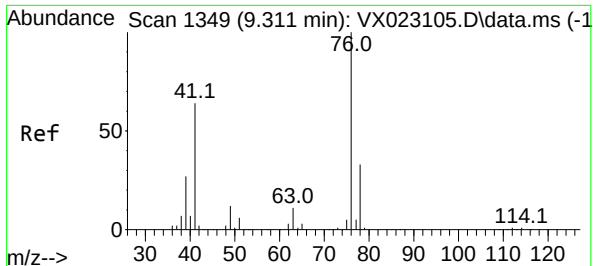
Tgt Ion: 75 Resp: 40
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#54
cis-1,3-Dichloropropene
Concen: 14.096 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX023282.D
Acq: 14 Jul 2021 16:22

Tgt Ion: 75 Resp: 51555
Ion Ratio Lower Upper
75 100
77 0.7 25.7 38.5#
39 31.5 35.1 52.7#



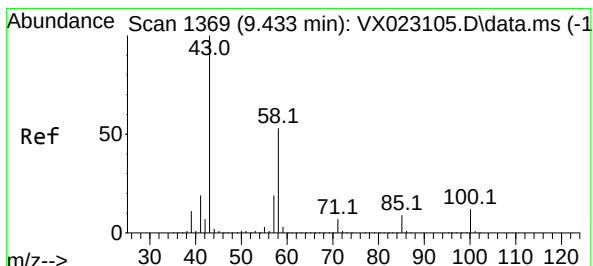
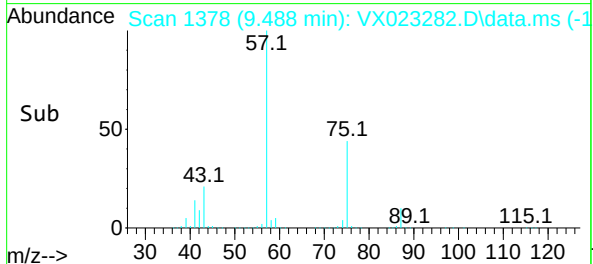
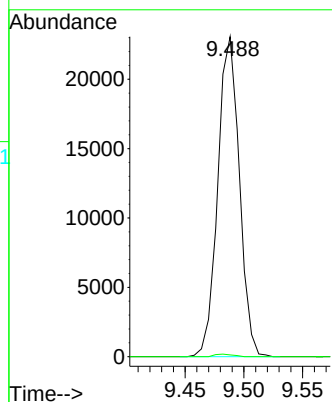
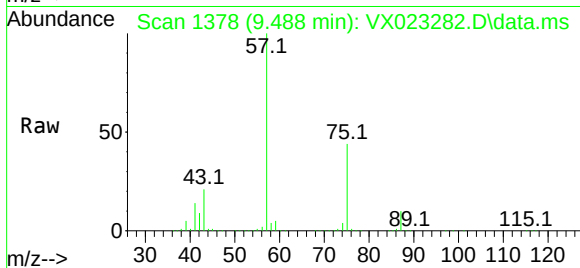


#57

1,3-Dichloropropane
Concen: 7.104 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX023282.D
Acq: 14 Jul 2021 16:22

Instrument :
MSVOA_X
ClientSampled :

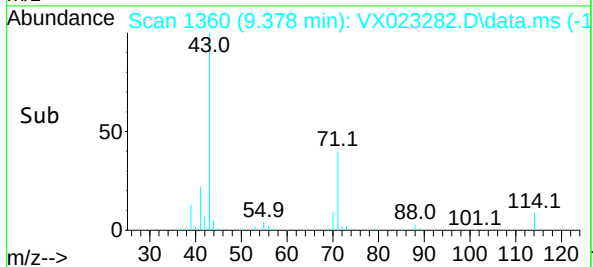
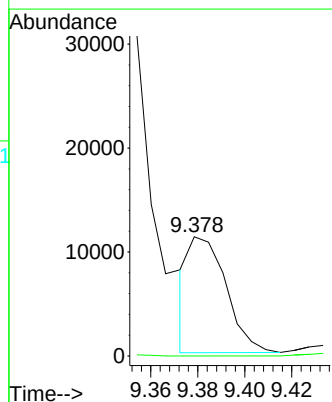
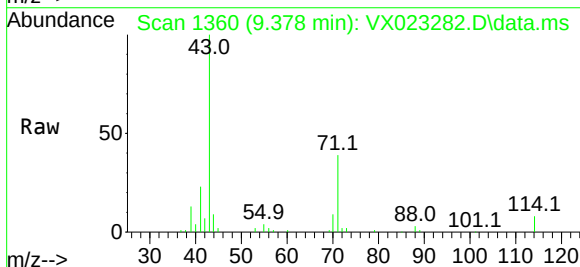
Tgt Ion: 76 Resp: 29461
Ion Ratio Lower Upper
76 100
78 0.7 26.2 39.2#

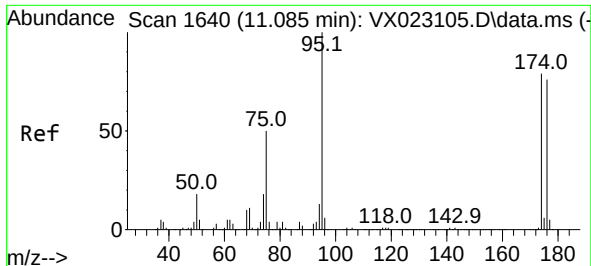


#59

2-Hexanone
Concen: 4.476 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX023282.D
Acq: 14 Jul 2021 16:22

Tgt Ion: 43 Resp: 12280
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

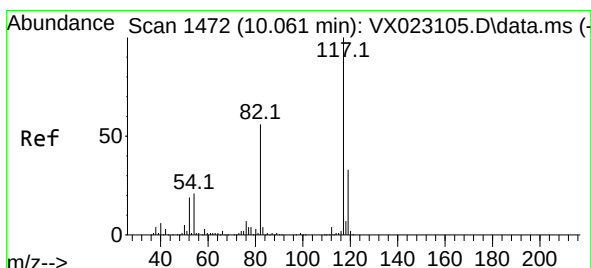
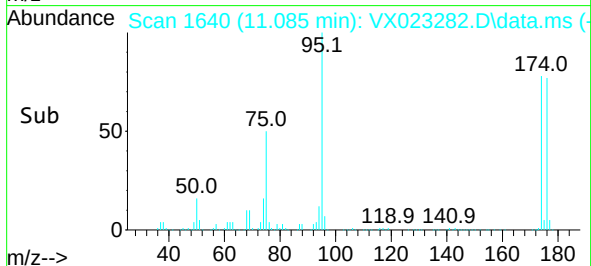
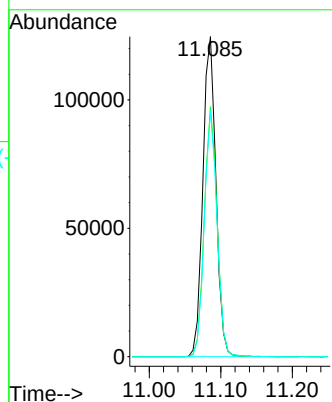
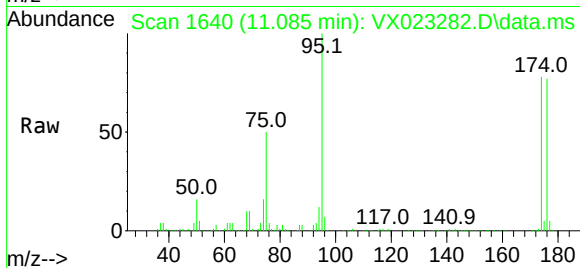




#62
4-Bromofluorobenzene
Concen: 47.533 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023282.D
Acq: 14 Jul 2021 16:22

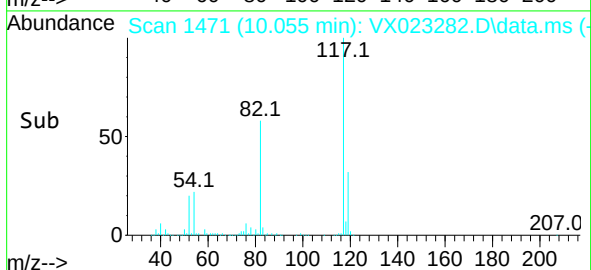
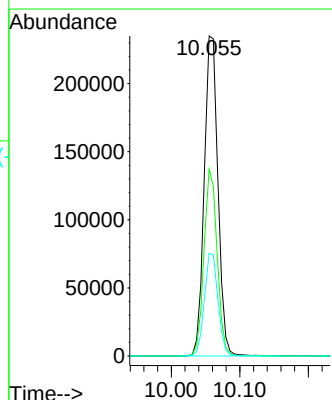
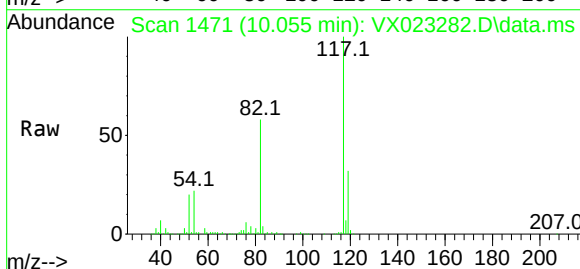
Instrument :
MSVOA_X
ClientSampleId :

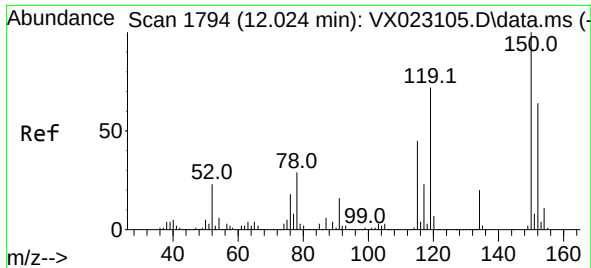
Tgt Ion: 95 Resp: 157671
Ion Ratio Lower Upper
95 100
174 77.1 0.0 154.6
176 74.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023282.D
Acq: 14 Jul 2021 16:22

Tgt Ion: 117 Resp: 328073
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.2
119 32.0 26.6 39.8

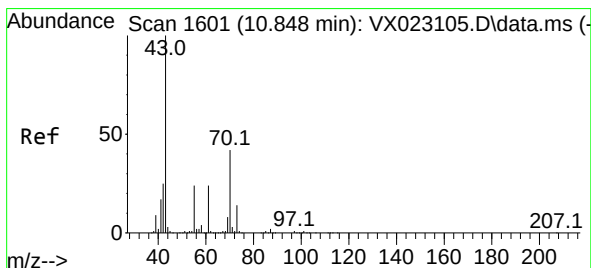
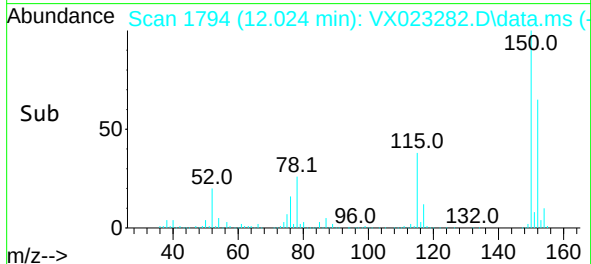
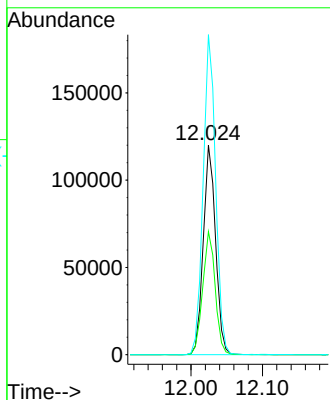
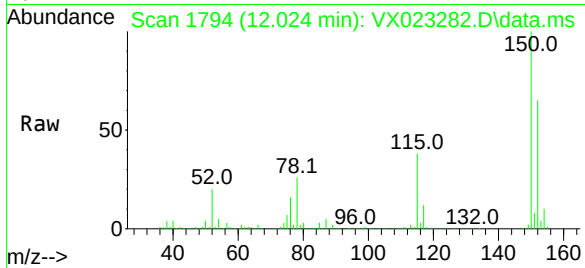




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023282.D
Acq: 14 Jul 2021 16:22

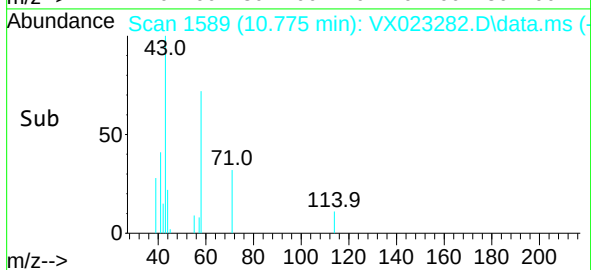
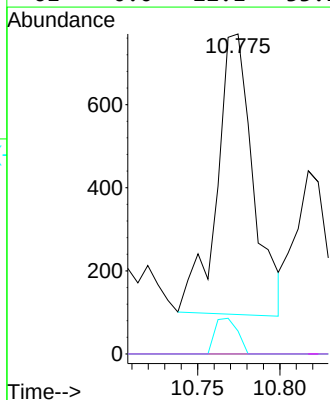
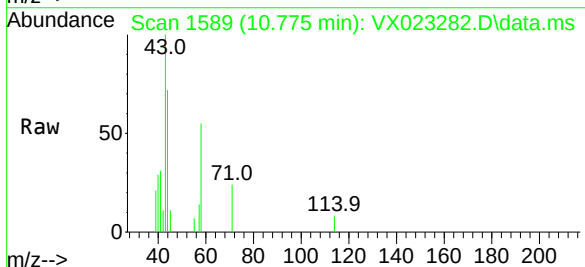
Instrument :
MSVOA_X
ClientSampled :

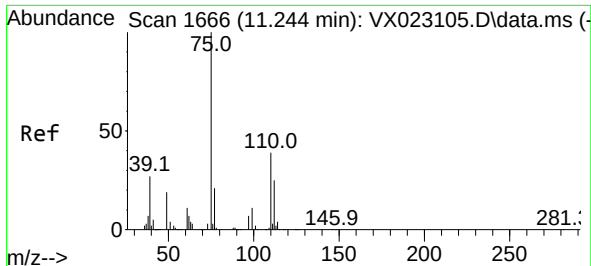
Tgt Ion:152 Resp: 143519
Ion Ratio Lower Upper
152 100
115 59.7 41.1 123.3
150 154.9 0.0 349.0



#74
N-ethyl acetate
Concen: 0.242 ug/l
RT: 10.775 min Scan# 1589
Delta R.T. -0.073 min
Lab File: VX023282.D
Acq: 14 Jul 2021 16:22

Tgt Ion: 43 Resp: 1040
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 7.9 21.5 32.3#
61 0.0 22.1 33.1#

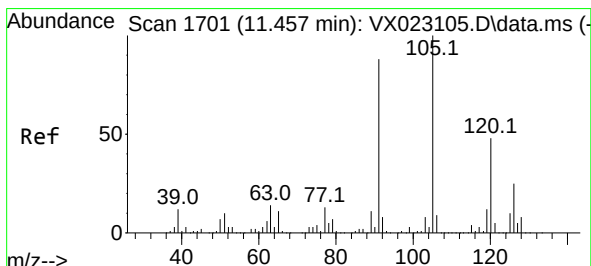
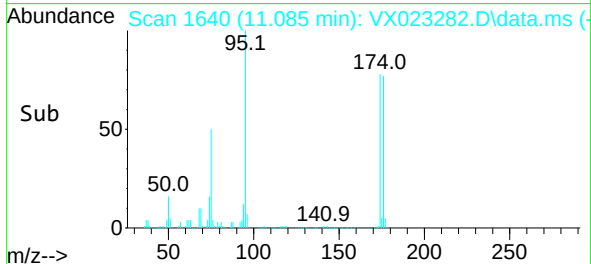
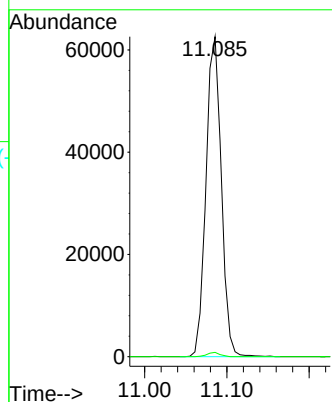
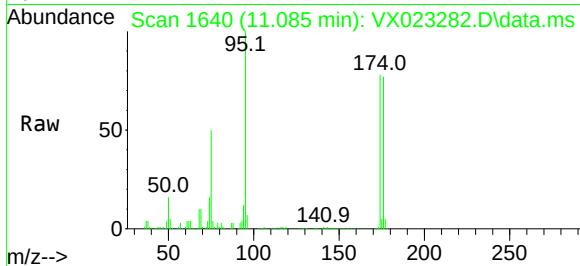




#76
1,2,3-Trichloropropane
Concen: 28.058 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023282.D
Acq: 14 Jul 2021 16:22

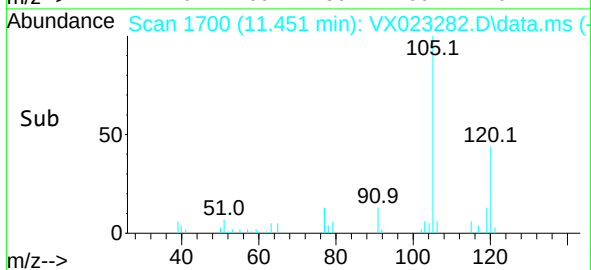
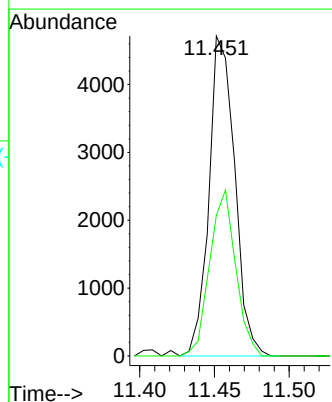
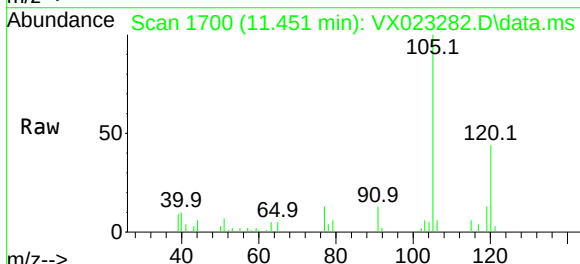
Instrument :
MSVOA_X
ClientSampled :

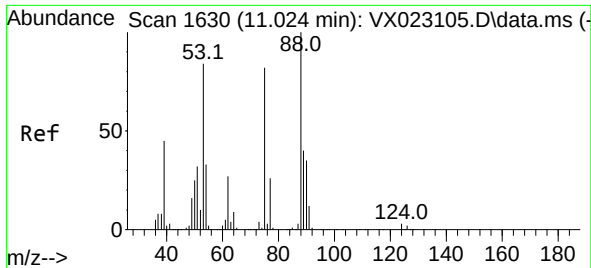
Tgt Ion: 75 Resp: 81034
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.649 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX023282.D
Acq: 14 Jul 2021 16:22

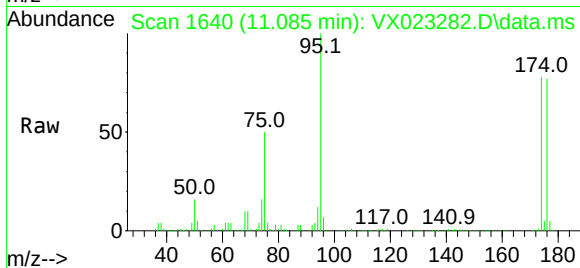
Tgt Ion: 105 Resp: 5653
Ion Ratio Lower Upper
105 100
120 52.2 23.8 71.5



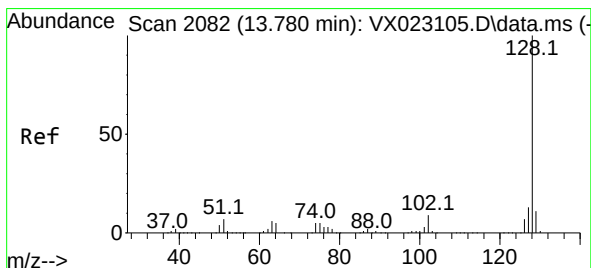
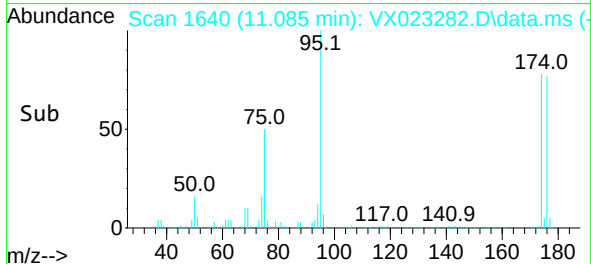
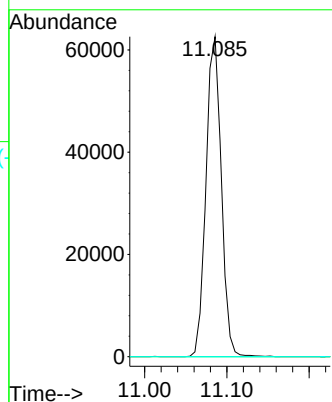


#81
trans-1,4-Dichloro-2-butene
Concen: 75.645 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023282.D
Acq: 14 Jul 2021 16:22

Instrument :
MSVOA_X
ClientSampled :



Tgt Ion: 75 Resp: 81034
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.291 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023282.D
Acq: 14 Jul 2021 16:22

Tgt Ion: 128 Resp: 172
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

