

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071421\
 Data File : VX023287.D
 Acq On : 14 Jul 2021 18:20
 Operator : JC/MD
 Sample : M3026-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

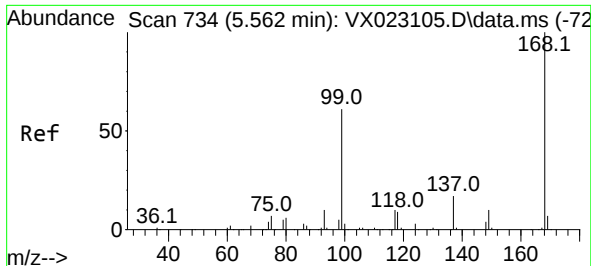
Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 15 04:29:53 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)

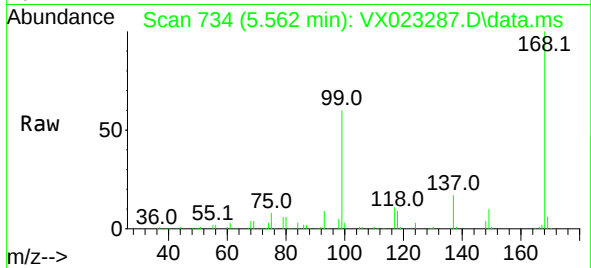
Internal Standards						
1) Pentafluorobenzene	5.562	168	223542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	364391	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	328534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	151877	50.551	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	101.100%	
35) Dibromofluoromethane	5.397	113	57987	24.643	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	49.280%#	
50) Toluene-d8	8.653	98	433621	49.401	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	98.800%	
62) 4-Bromofluorobenzene	11.085	95	157574	46.501	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	93.000%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	73	Below Cal	#	79
11) Tert butyl alcohol	2.953	59	3848	6.088	ug/l #	79
13) Acrolein	2.239	56	219	0.520	ug/l #	14
16) Acetone	2.386	43	110994	93.380	ug/l	92
20) Methylene Chloride	2.794	84	18727	7.318	ug/l	95
22) Diisopropyl ether	3.867	45	1620	0.222	ug/l #	1
25) 2-Butanone	4.586	43	7717	4.305	ug/l	92
29) Tetrahydrofuran	5.038	42	2416	2.097	ug/l #	71
31) Cyclohexane	5.556	56	4480	1.245	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	17630	5.427	ug/l #	50
37) Ethyl Acetate	4.586	43	7717	2.178	ug/l #	75
38) Carbon Tetrachloride	5.562	117	23969	7.069	ug/l #	16
44) Trichloroethene	7.141	130	655	0.245	ug/l	76
48) Methyl methacrylate	7.604	41	7906	2.733	ug/l #	17
51) 4-Methyl-2-Pentanone	8.580	43	7477	2.047	ug/l	88
59) 2-Hexanone	9.439	43	1473	0.526	ug/l	67
76) 1,2,3-Trichloropropane	11.085	75	81825	29.096	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	81825	78.266	ug/l #	12
90) Hexachloroethane	12.701	117	87	3.051	ug/l #	9
95) Naphthalene	13.780	128	397	1.313	ug/l #	69

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

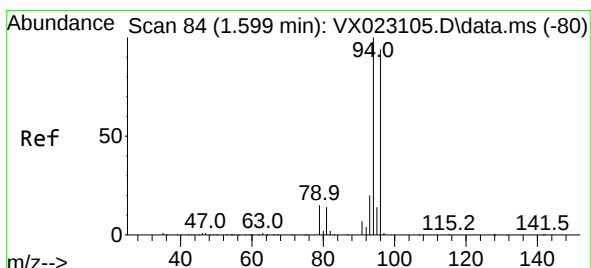
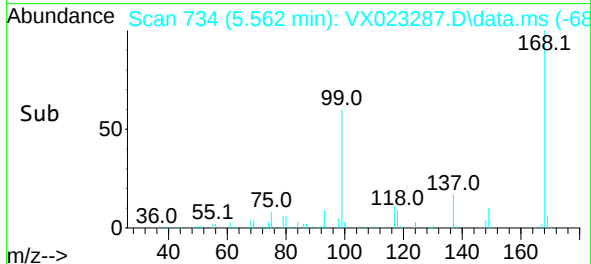
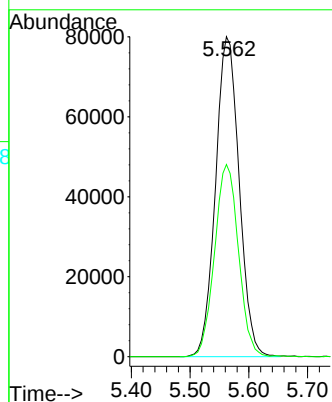


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023287.D
Acq: 14 Jul 2021 18:20

Instrument :
MSVOA_X
ClientSampled :

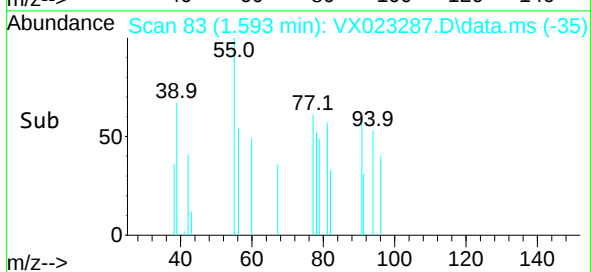
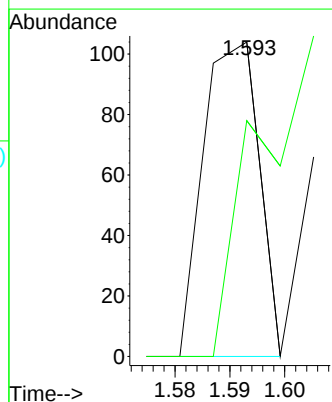
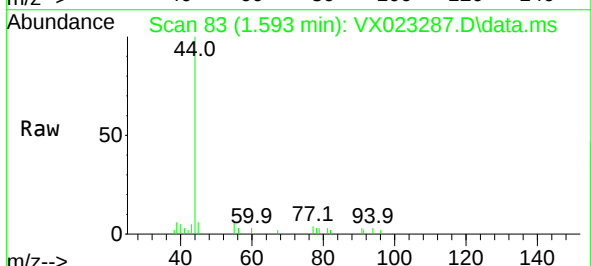


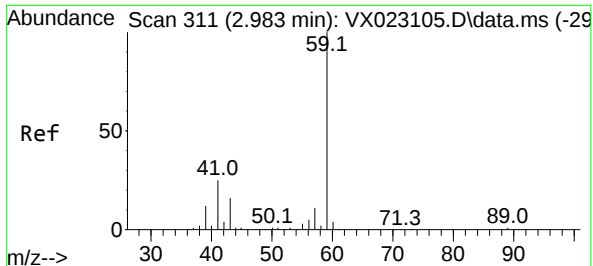
Tgt Ion:168 Resp: 223542
Ion Ratio Lower Upper
168 100
99 60.1 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX023287.D
Acq: 14 Jul 2021 18:20

Tgt Ion: 94 Resp: 73
Ion Ratio Lower Upper
94 100
96 75.0 76.4 114.6#



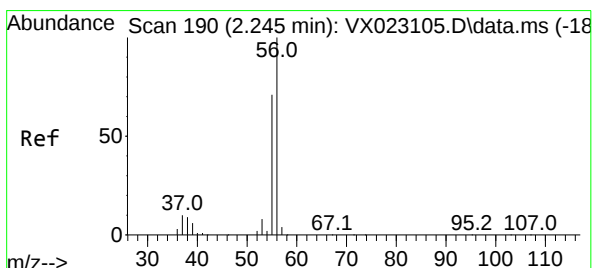
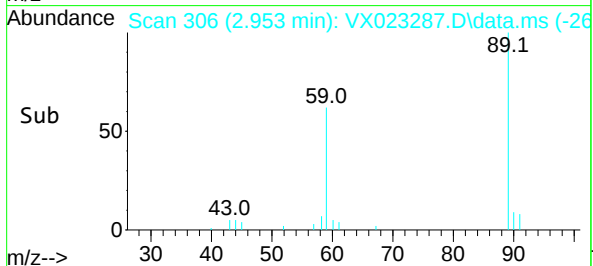
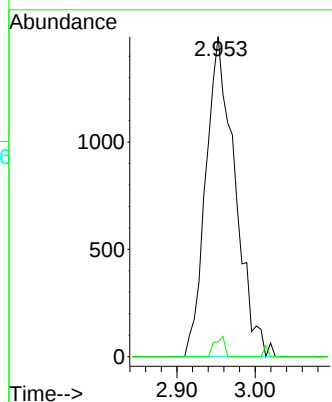
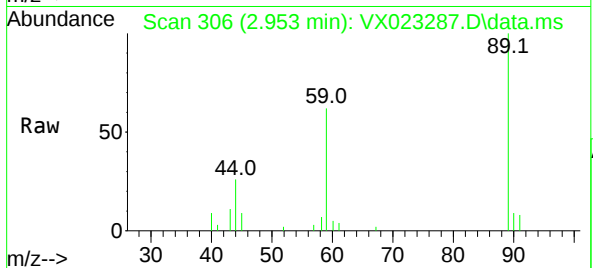


#11

Tert butyl alcohol
Concen: 6.088 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023287.D
Acq: 14 Jul 2021 18:20

Instrument :
MSVOA_X
ClientSampled :

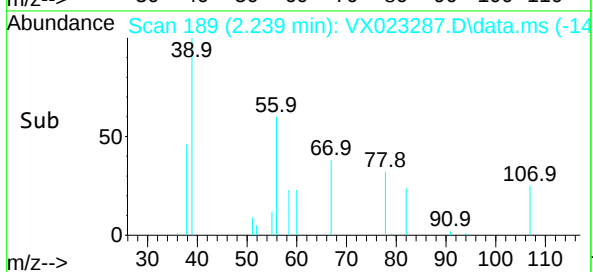
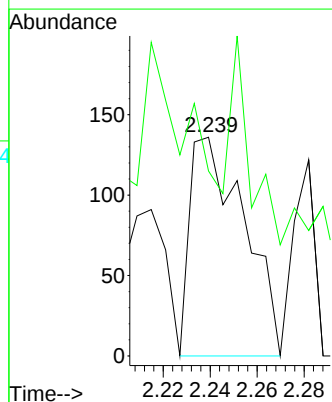
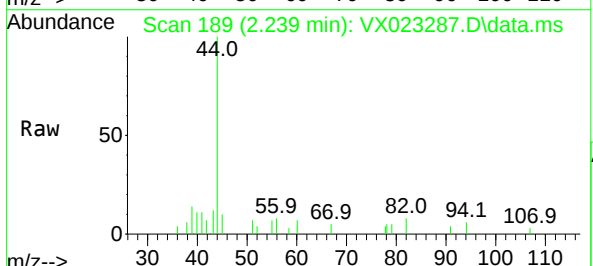
Tgt Ion: 59 Resp: 3848
Ion Ratio Lower Upper
59 100
57 2.2 7.8 11.8#

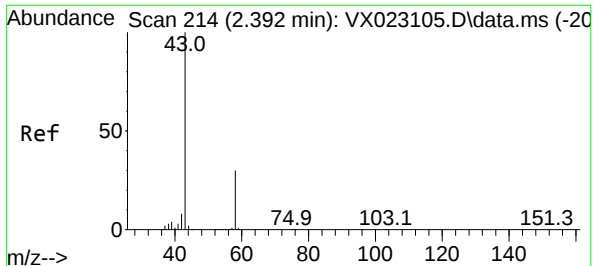


#13

Acrolein
Concen: 0.520 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX023287.D
Acq: 14 Jul 2021 18:20

Tgt Ion: 56 Resp: 219
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

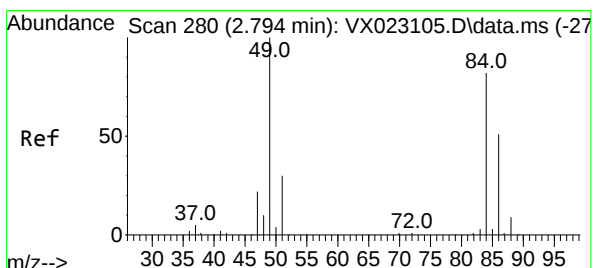
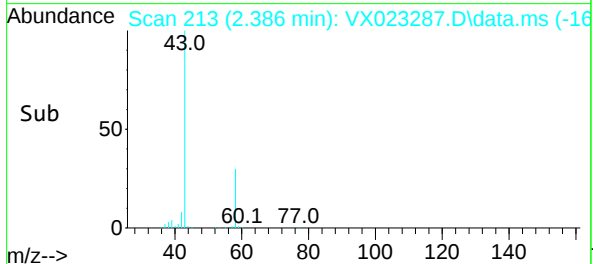
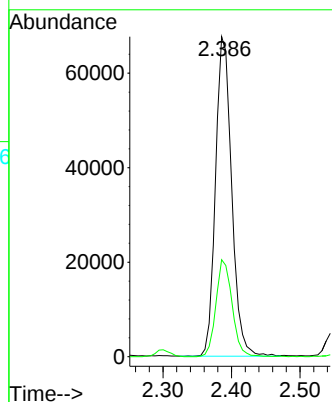
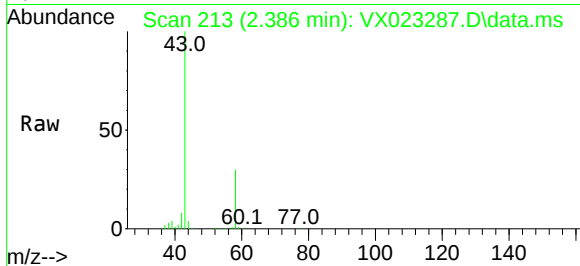




#16
Acetone
Concen: 93.380 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023287.D
Acq: 14 Jul 2021 18:20

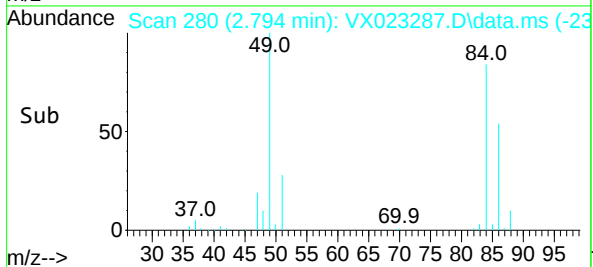
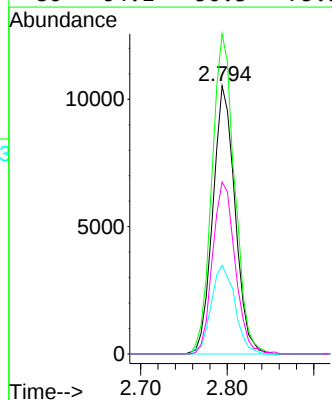
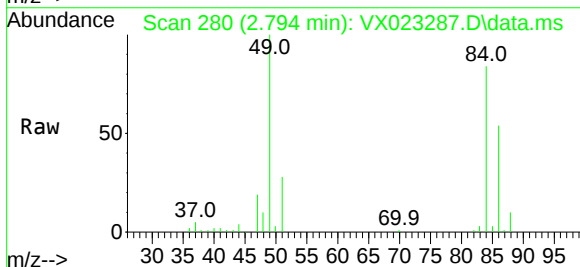
Instrument :
MSVOA_X
ClientSampled :

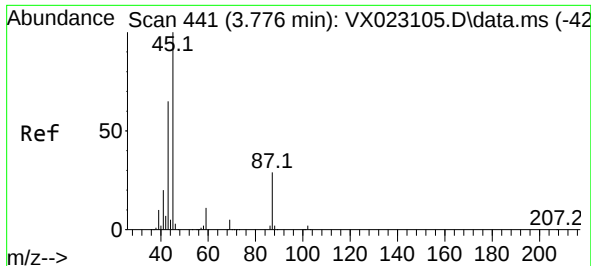
Tgt Ion: 43 Resp: 110994
Ion Ratio Lower Upper
43 100
58 30.2 27.8 41.8



#20
Methylene Chloride
Concen: 7.318 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023287.D
Acq: 14 Jul 2021 18:20

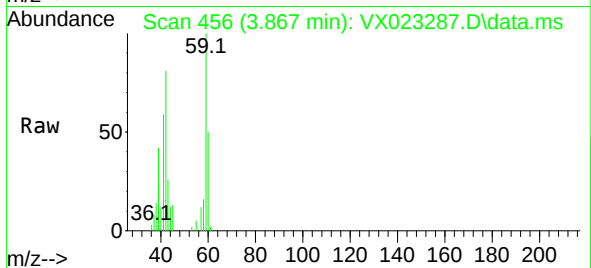
Tgt Ion: 84 Resp: 18727
Ion Ratio Lower Upper
84 100
49 119.3 88.6 132.8
51 33.0 27.0 40.6
86 64.1 50.3 75.5



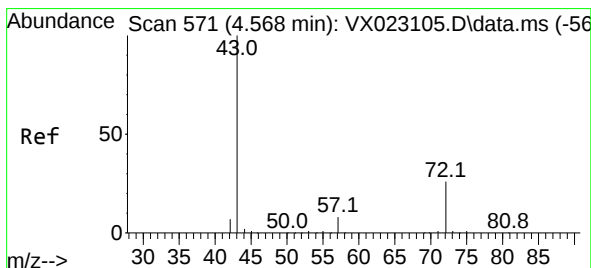
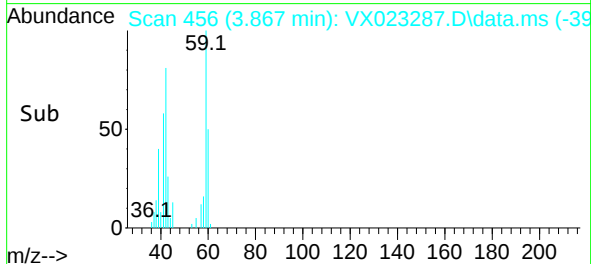
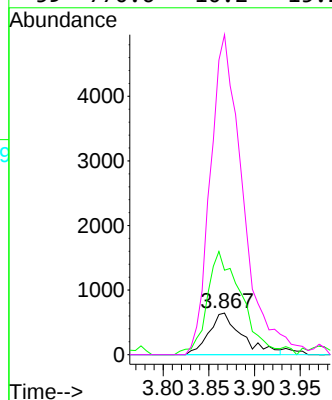


#22
Diisopropyl ether
Concen: 0.222 ug/l
RT: 3.867 min Scan# 456
Delta R.T. 0.091 min
Lab File: VX023287.D
Acq: 14 Jul 2021 18:20

Instrument :
MSVOA_X
ClientSampleId :

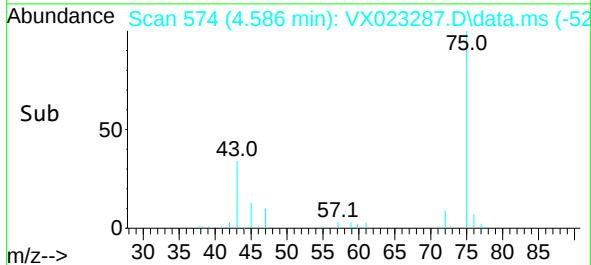
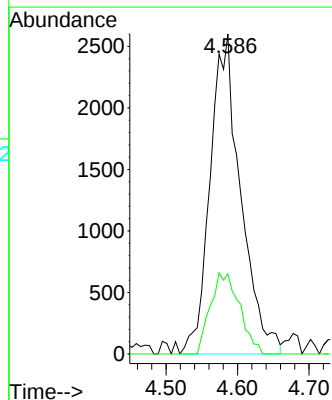
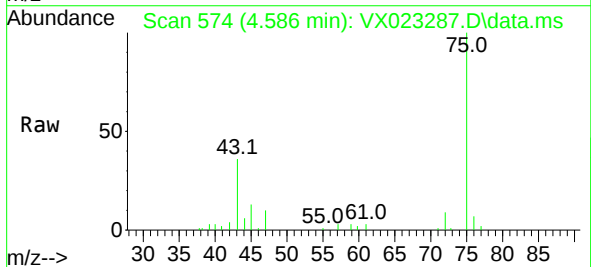


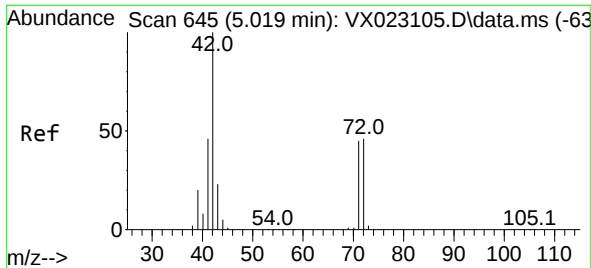
Tgt Ion:	45	Resp:	1620
Ion	Ratio	Lower	Upper
45	100		
43	194.9	58.0	87.0#
87	0.0	25.4	38.0#
59	770.6	10.2	15.2#



#25
2-Butanone
Concen: 4.305 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX023287.D
Acq: 14 Jul 2021 18:20

Tgt Ion:	43	Resp:	7717
Ion	Ratio	Lower	Upper
43	100		
72	25.1	23.7	35.5





#29

Tetrahydrofuran

Concen: 2.097 ug/l

RT: 5.038 min Scan# 648

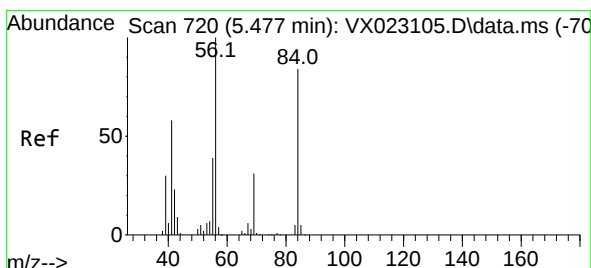
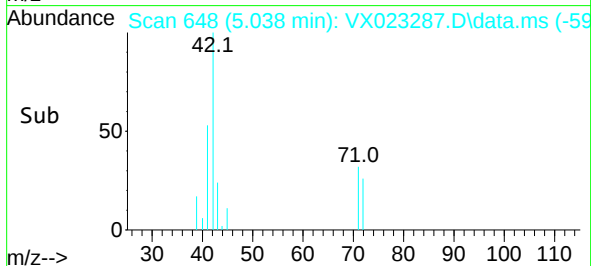
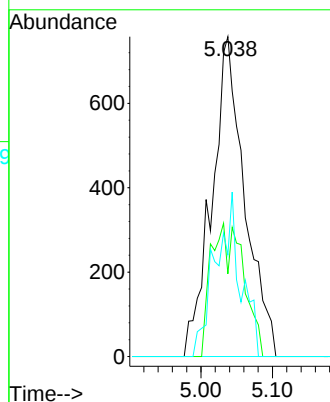
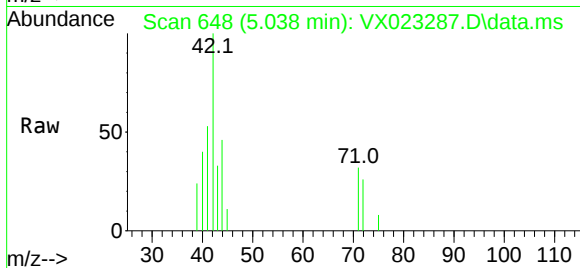
Delta R.T. 0.019 min

Lab File: VX023287.D

Acq: 14 Jul 2021 18:20

Tgt Ion:	42	Resp:	2416
Ion	Ratio	Lower	Upper
42	100		
72	21.9	41.7	62.5#
71	39.0	38.4	57.6

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.245 ug/l

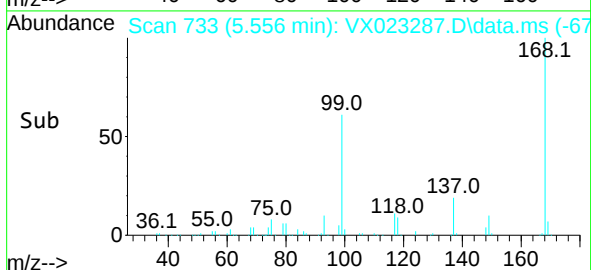
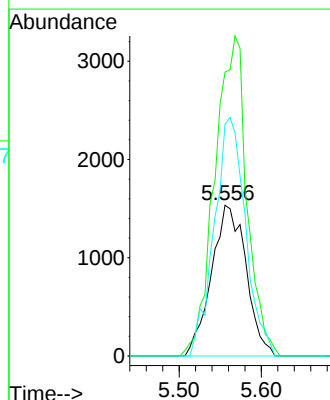
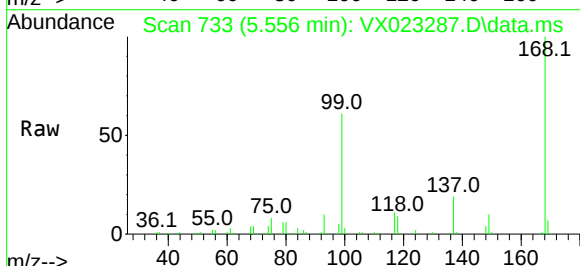
RT: 5.556 min Scan# 733

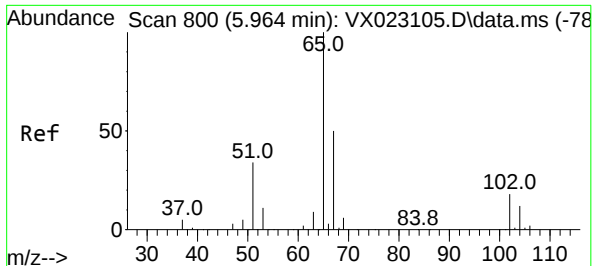
Delta R.T. 0.079 min

Lab File: VX023287.D

Acq: 14 Jul 2021 18:20

Tgt Ion:	56	Resp:	4480
Ion	Ratio	Lower	Upper
56	100		
69	188.3	25.3	37.9#
84	153.7	71.4	107.0#



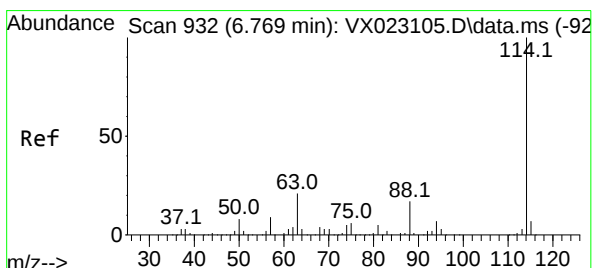
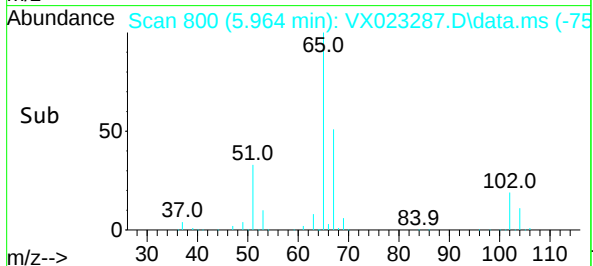
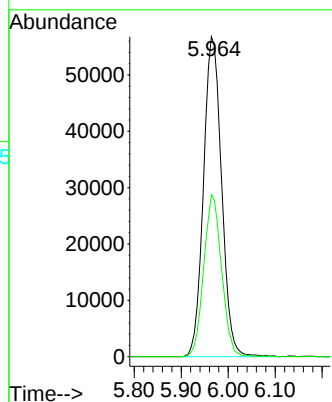
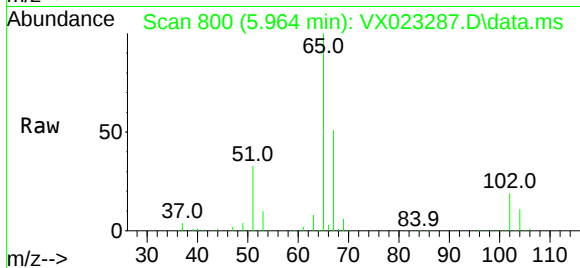


#33

1,2-Dichloroethane-d4
Concen: 50.551 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023287.D
Acq: 14 Jul 2021 18:20

Instrument :
MSVOA_X
ClientSampled :

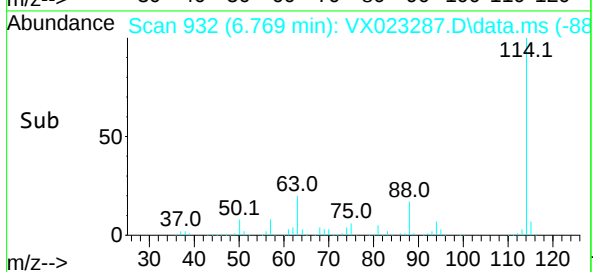
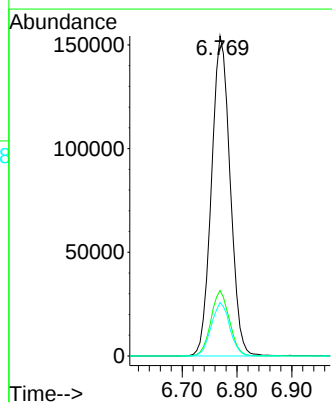
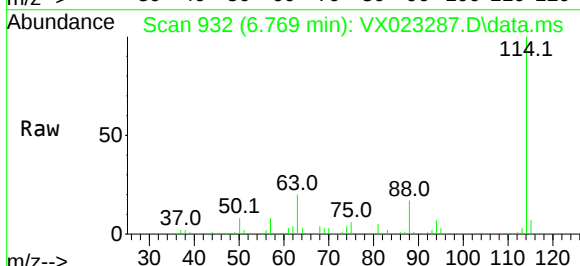
Tgt Ion: 65 Resp: 151877
Ion Ratio Lower Upper
65 100
67 49.9 0.0 105.4

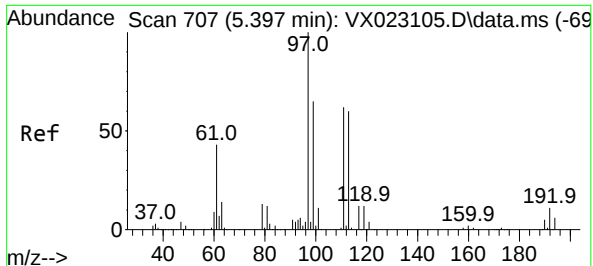


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023287.D
Acq: 14 Jul 2021 18:20

Tgt Ion: 114 Resp: 364391
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 24.643 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023287.D

Acq: 14 Jul 2021 18:20

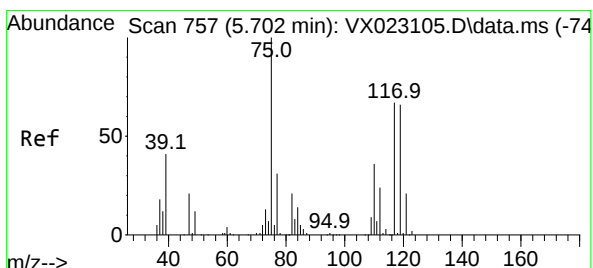
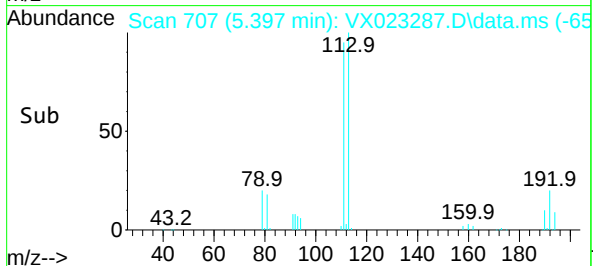
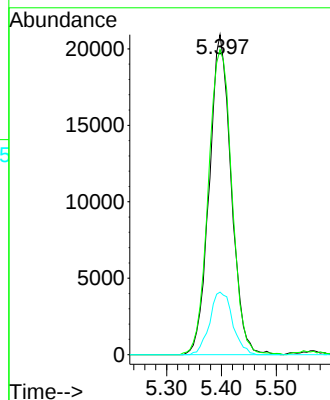
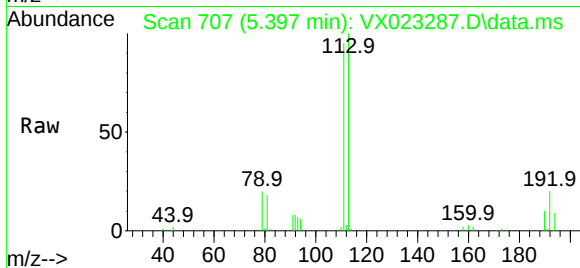
Tgt Ion:113 Resp: 57987

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

192 20.4 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.427 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX023287.D

Acq: 14 Jul 2021 18:20

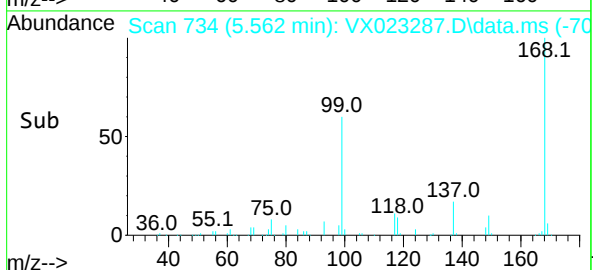
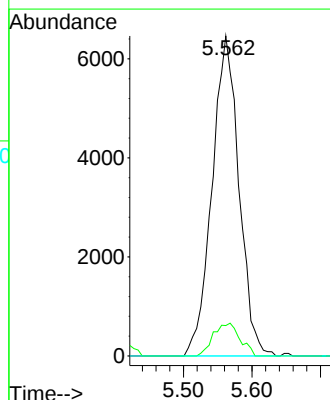
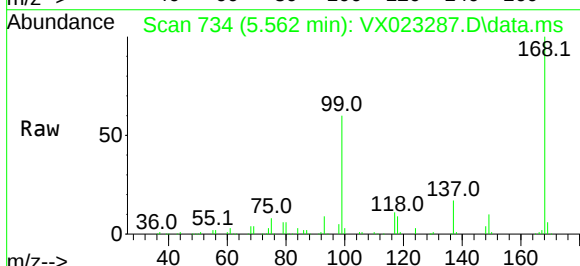
Tgt Ion: 75 Resp: 17630

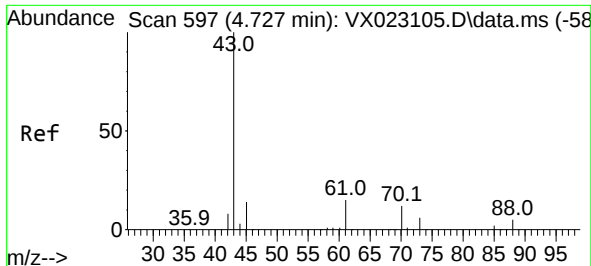
Ion Ratio Lower Upper

75 100

110 10.1 18.1 54.4#

77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 2.178 ug/l

RT: 4.586 min Scan# 574

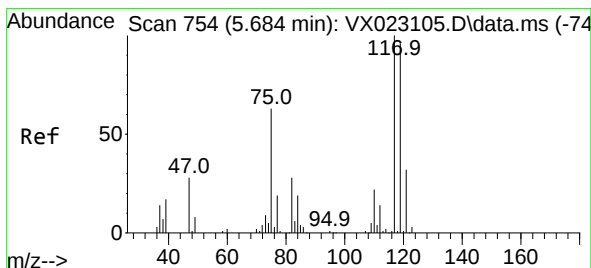
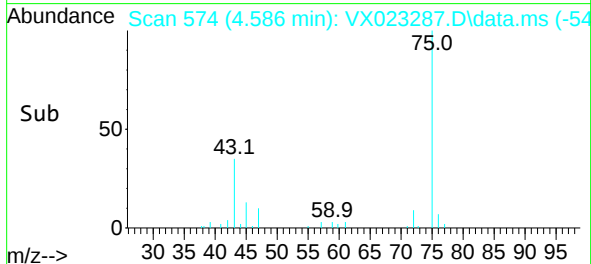
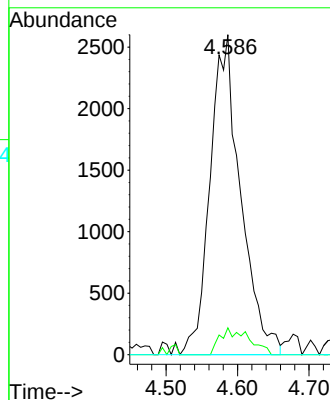
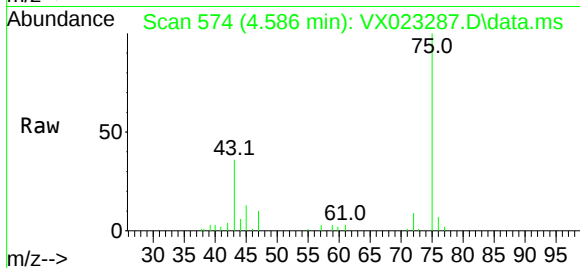
Delta R.T. -0.141 min

Lab File: VX023287.D

Acq: 14 Jul 2021 18:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:	43	Resp:	7717
Ion	Ratio	Lower	Upper
43	100		
61	7.9	12.8	19.2#
70	0.0	10.5	15.7#



#38

Carbon Tetrachloride

Concen: 7.069 ug/l

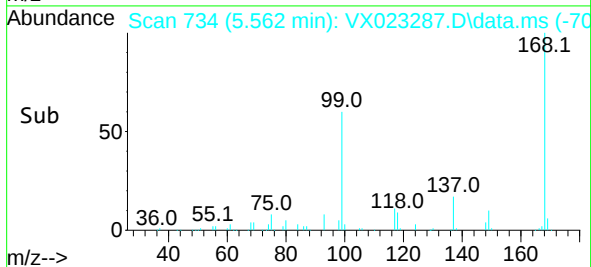
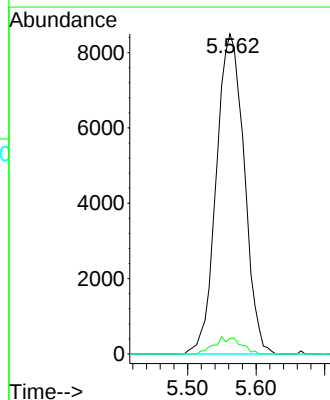
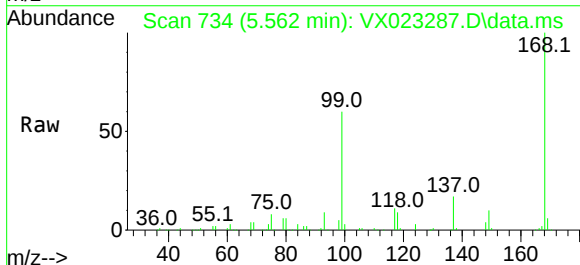
RT: 5.562 min Scan# 734

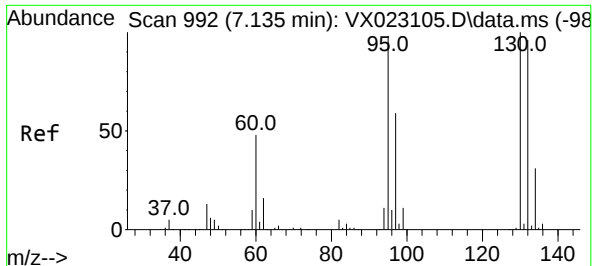
Delta R.T. -0.122 min

Lab File: VX023287.D

Acq: 14 Jul 2021 18:20

Tgt Ion:	117	Resp:	23969
Ion	Ratio	Lower	Upper
117	100		
119	4.8	76.2	114.2#
121	0.0	24.8	37.2#

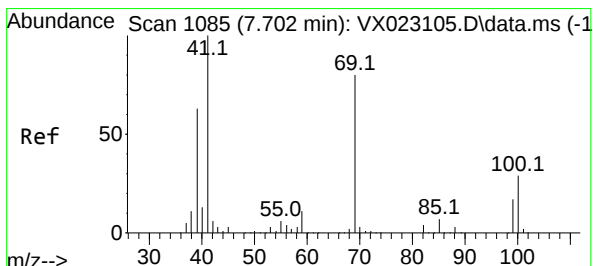
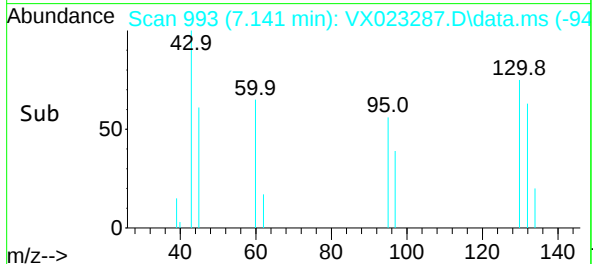
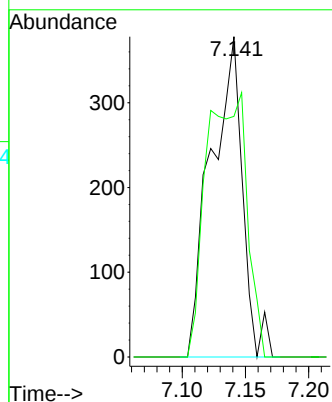
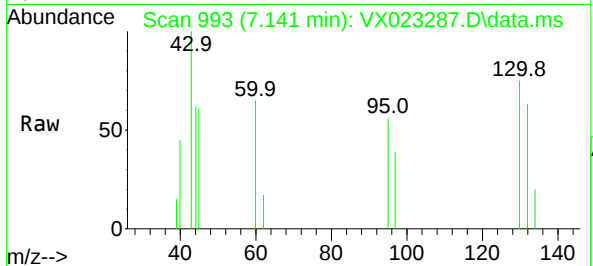




#44
Trichloroethene
Concen: 0.245 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.006 min
Lab File: VX023287.D
Acq: 14 Jul 2021 18:20

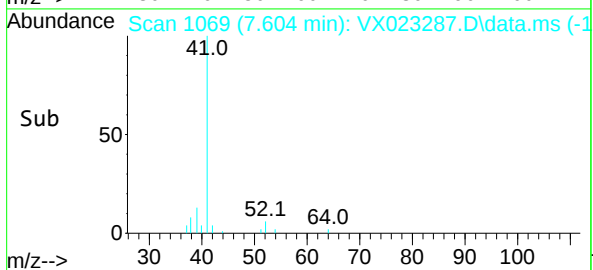
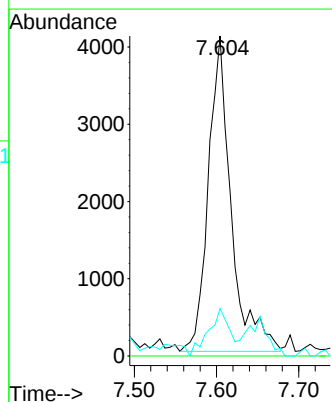
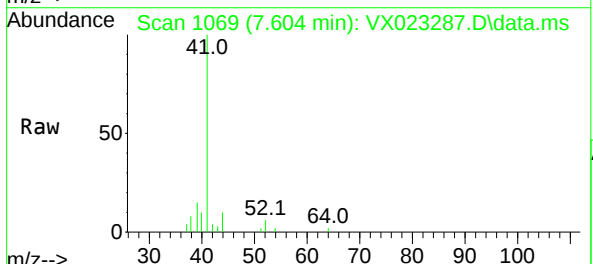
Instrument :
MSVOA_X
ClientSampleId :

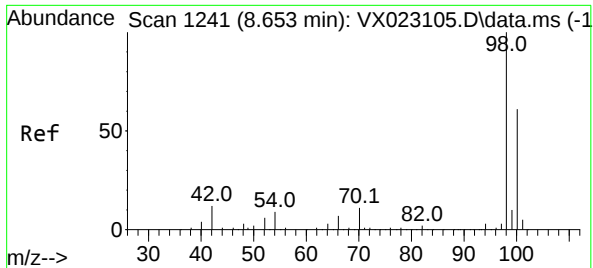
Tgt Ion:130 Resp: 655
Ion Ratio Lower Upper
130 100
95 75.1 0.0 198.0



#48
Methyl methacrylate
Concen: 2.733 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.098 min
Lab File: VX023287.D
Acq: 14 Jul 2021 18:20

Tgt Ion: 41 Resp: 7906
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 13.5 44.6 67.0#

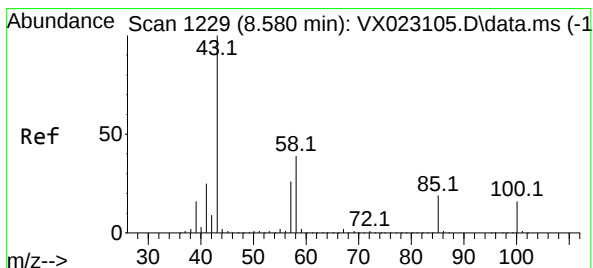
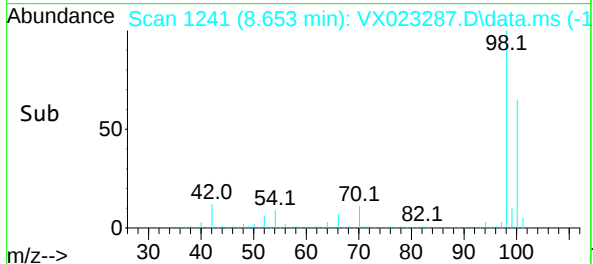
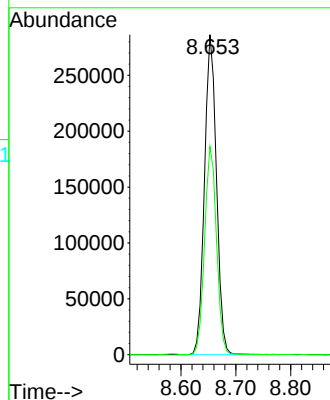
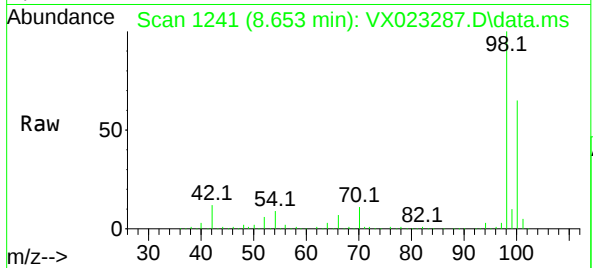




#50
Toluene-d8
Concen: 49.401 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023287.D
Acq: 14 Jul 2021 18:20

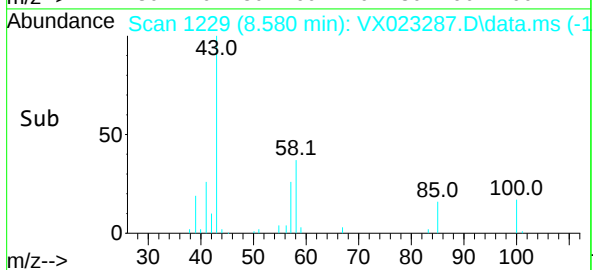
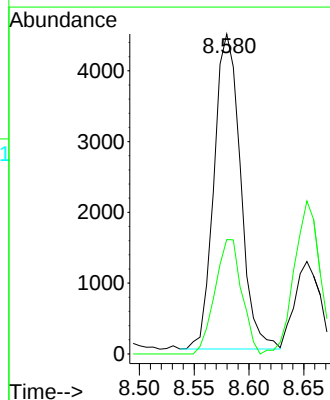
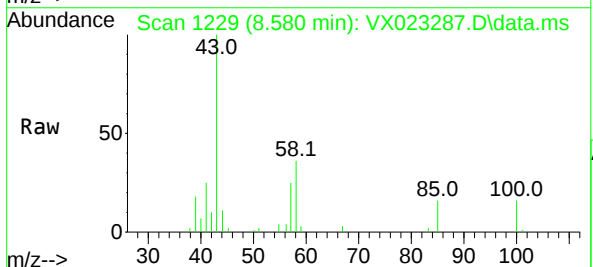
Instrument :
MSVOA_X
ClientSampled :

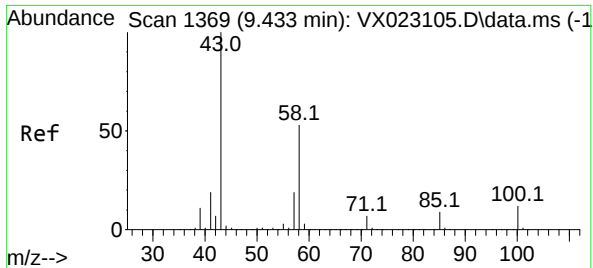
Tgt Ion: 98 Resp: 433621
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 2.047 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX023287.D
Acq: 14 Jul 2021 18:20

Tgt Ion: 43 Resp: 7477
Ion Ratio Lower Upper
43 100
58 36.5 35.4 53.0

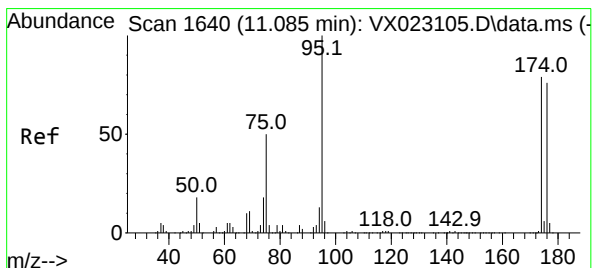
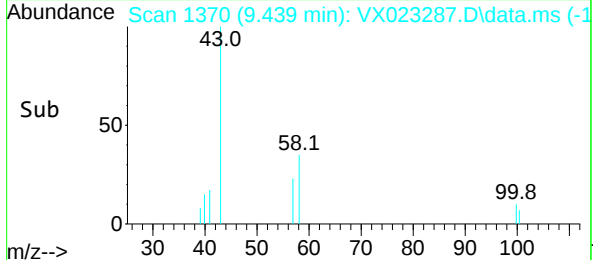
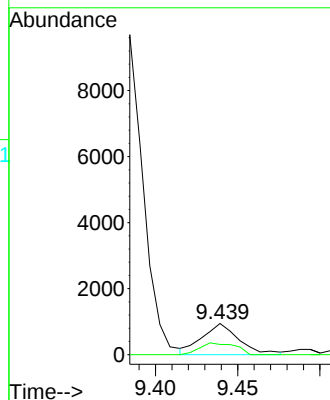
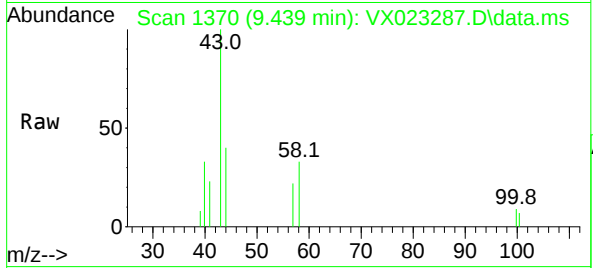




#59
2-Hexanone
Concen: 0.526 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX023287.D
Acq: 14 Jul 2021 18:20

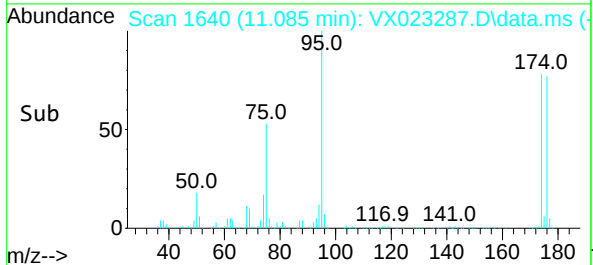
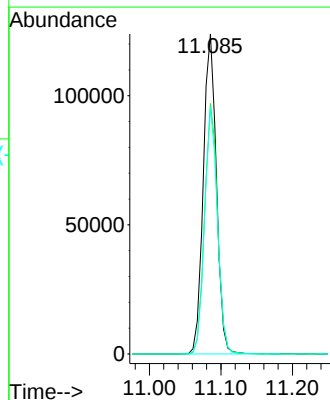
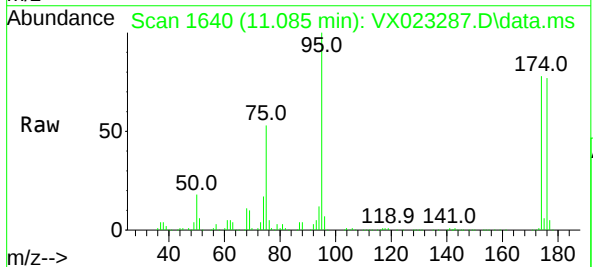
Instrument :
MSVOA_X
ClientSampled :

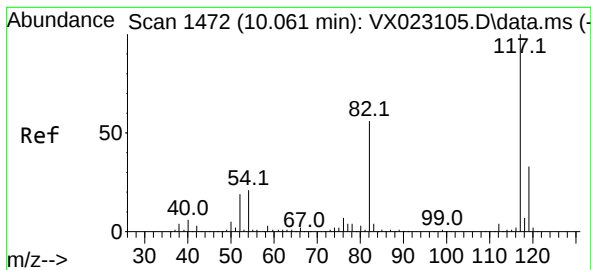
Tgt Ion: 43 Resp: 1473
Ion Ratio Lower Upper
43 100
58 36.7 30.9 92.8



#62
4-Bromofluorobenzene
Concen: 46.501 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023287.D
Acq: 14 Jul 2021 18:20

Tgt Ion: 95 Resp: 157574
Ion Ratio Lower Upper
95 100
174 77.6 0.0 154.6
176 75.7 0.0 155.8

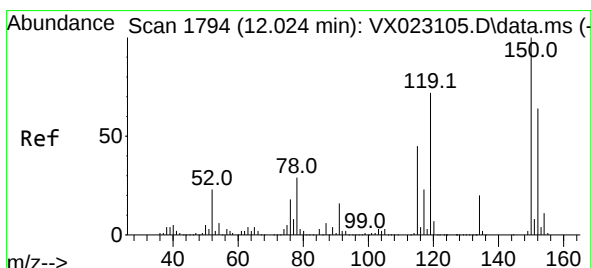
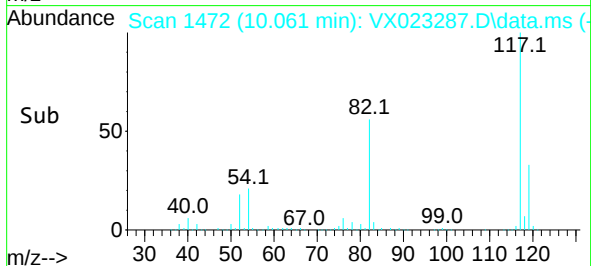
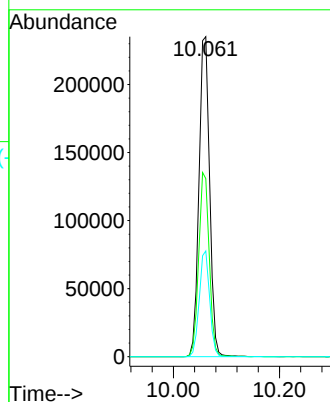
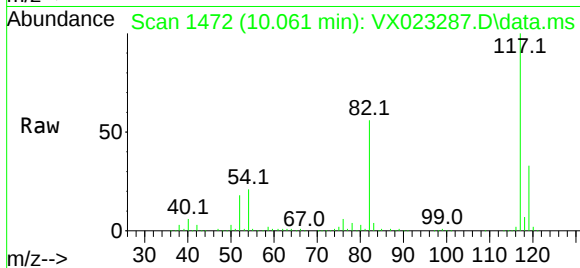




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023287.D
Acq: 14 Jul 2021 18:20

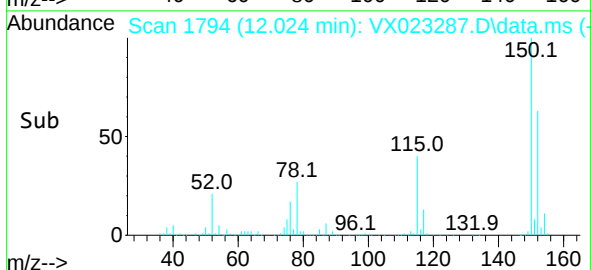
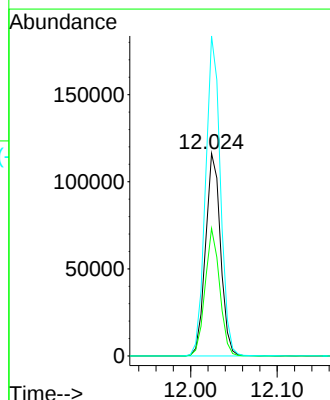
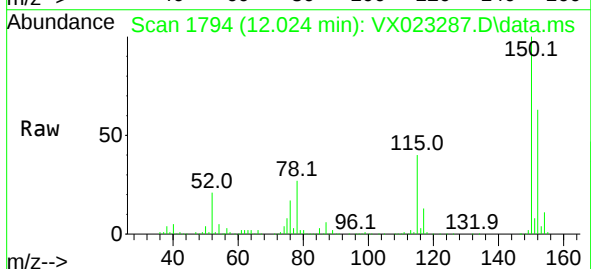
Instrument :
MSVOA_X
ClientSampled :

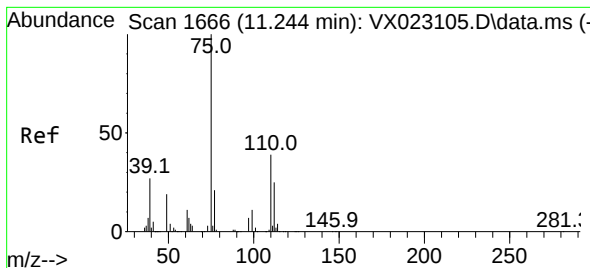
Tgt Ion:117 Resp: 328534
Ion Ratio Lower Upper
117 100
82 55.6 47.4 71.2
119 33.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023287.D
Acq: 14 Jul 2021 18:20

Tgt Ion:152 Resp: 139751
Ion Ratio Lower Upper
152 100
115 61.1 41.1 123.3
150 156.6 0.0 349.0

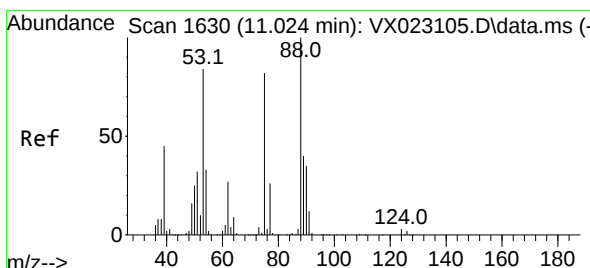
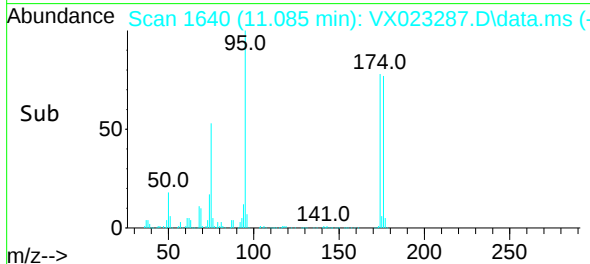
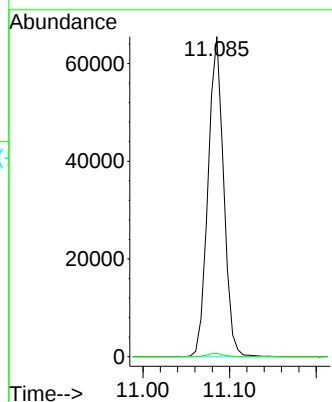
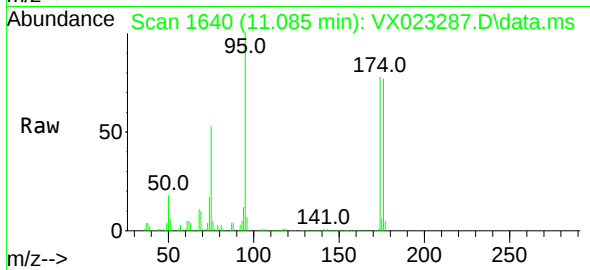




#76
1,2,3-Trichloropropane
Concen: 29.096 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023287.D
Acq: 14 Jul 2021 18:20

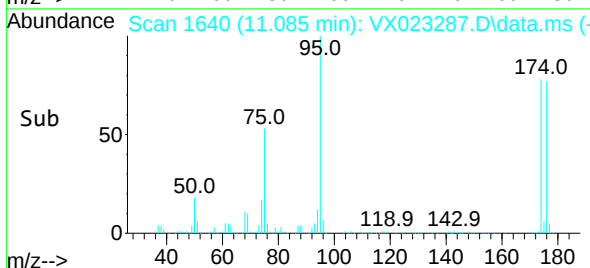
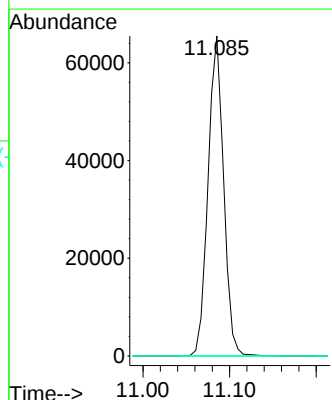
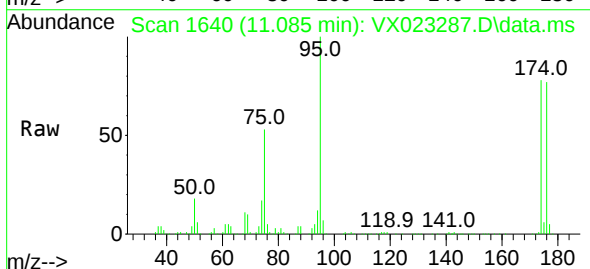
Instrument :
MSVOA_X
ClientSampled :

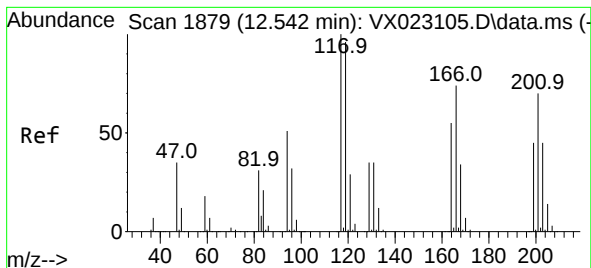
Tgt Ion: 75 Resp: 81825
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.266 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023287.D
Acq: 14 Jul 2021 18:20

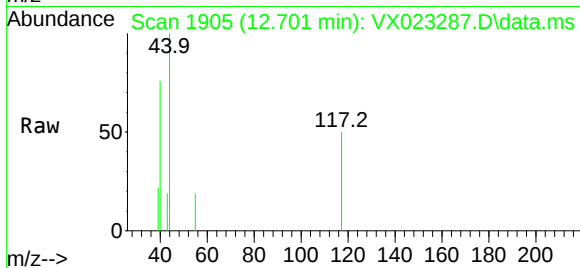
Tgt Ion: 75 Resp: 81825
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



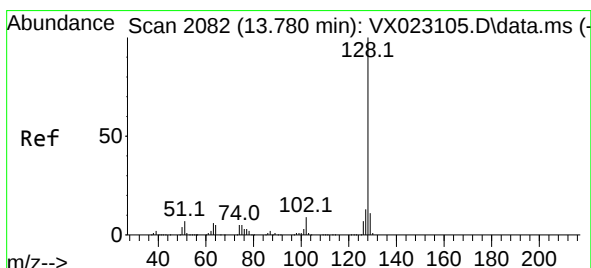
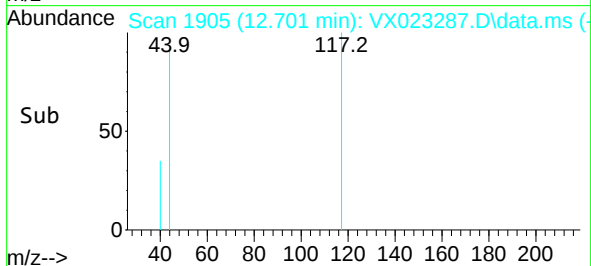
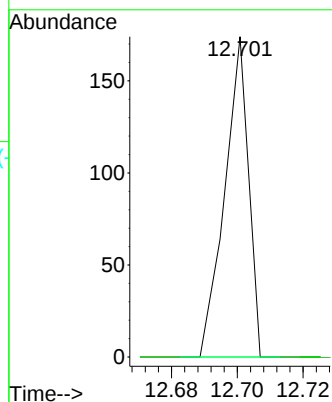


#90
Hexachloroethane
Concen: 3.051 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.159 min
Lab File: VX023287.D
Acq: 14 Jul 2021 18:20

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:117 Resp: 87
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#



#95
Naphthalene
Concen: 1.313 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023287.D
Acq: 14 Jul 2021 18:20

Tgt Ion:128 Resp: 397
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

