

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022587.D
 Acq On : 09 Jun 2021 01:08
 Operator : JC/MD
 Sample : M2625-26
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 04:04:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

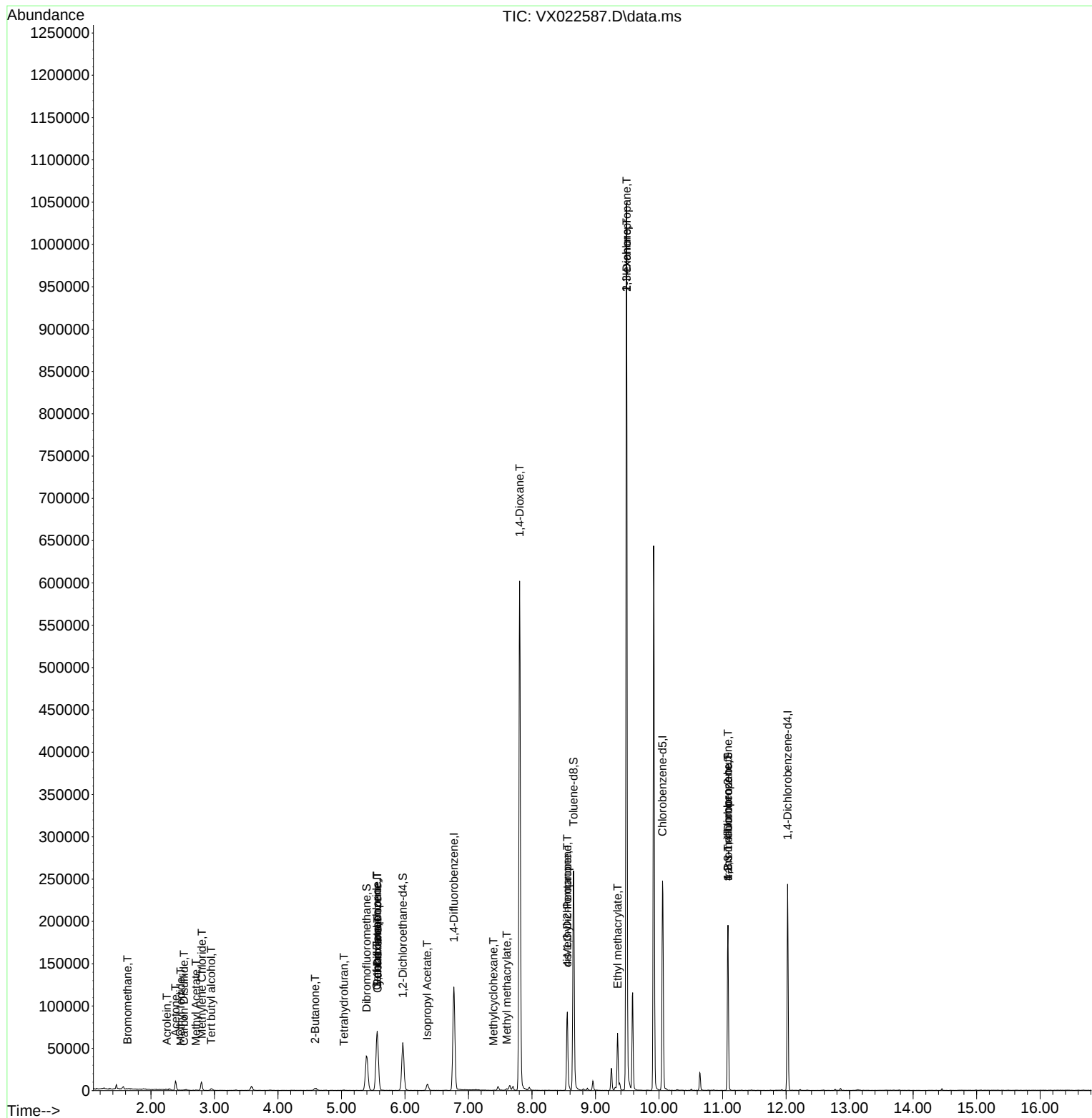
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

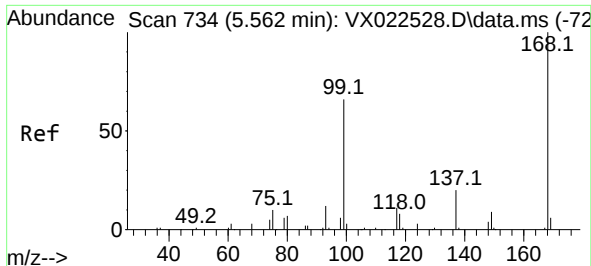
Internal Standards						
1) Pentafluorobenzene	5.562	168	57287	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	116849	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49750	48.851	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.700%
35) Dibromofluoromethane	5.397	113	34299	46.915	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.840%
50) Toluene-d8	8.653	98	147354	50.515	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.020%
62) 4-Bromofluorobenzene	11.085	95	51561	47.554	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.100%
Target Compounds						
						Qvalue
5) Bromomethane	1.630	94	93	0.225	ug/l	88
10) Methyl Iodide	2.465	142	271	0.327	ug/l	# 76
11) Tert butyl alcohol	2.947	59	1473	6.448	ug/l	# 73
13) Acrolein	2.252	56	271	5.575	ug/l	# 75
16) Acetone	2.386	43	10884	23.784	ug/l	97
17) Carbon Disulfide	2.520	76	568	3.675	ug/l	# 75
18) Methyl Acetate	2.709	43	565	0.448	ug/l	# 57
20) Methylene Chloride	2.800	84	4130	4.323	ug/l	91
25) 2-Butanone	4.586	43	1755	2.321	ug/l	# 78
29) Tetrahydrofuran	5.038	42	477	1.075	ug/l	# 41
31) Cyclohexane	5.568	56	1737	1.442	ug/l	# 36
36) 1,1-Dichloropropene	5.562	75	5676	5.021	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	7147	8.598	ug/l	# 16
39) Methylcyclohexane	7.391	83	19	1.857	ug/l	# 19
43) Isopropyl Acetate	6.348	43	9998	4.251	ug/l	# 88
48) Methyl methacrylate	7.604	41	2543	2.324	ug/l	# 10
49) 1,4-Dioxane	7.805	88	58	2.620	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	32931	22.475	ug/l	# 46
54) cis-1,3-Dichloropropene	8.555	75	15156	11.908	ug/l	# 64
56) Ethyl methacrylate	9.348	69	317	2.890	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	8747	5.668	ug/l	# 42
59) 2-Hexanone	9.488	43	124681	111.388	ug/l	# 44
76) 1,2,3-Trichloropropane	11.085	75	28731	26.748	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	28731	65.784	ug/l	# 12

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

Instrument :
MSVOA_X
ClientSampleId :

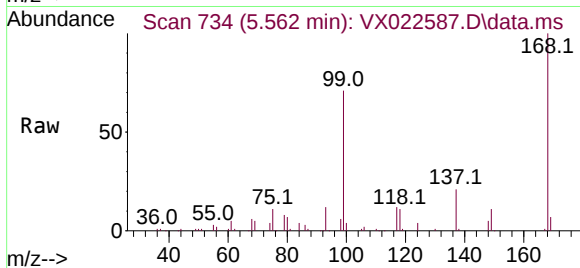
Quant Time: Jun 09 04:04:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 07 14:27:50 2021
Response via : Initial Calibration



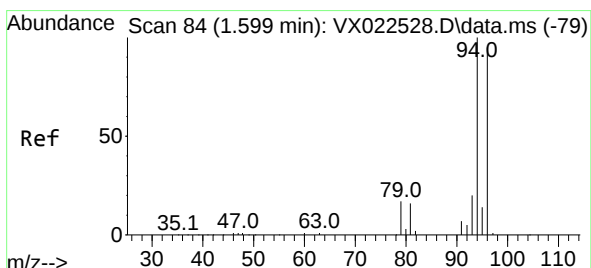
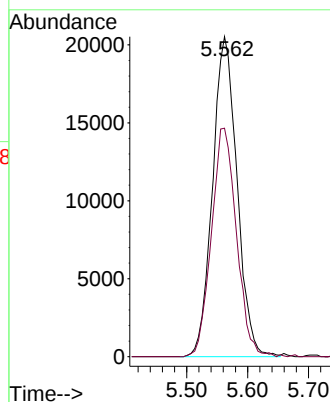
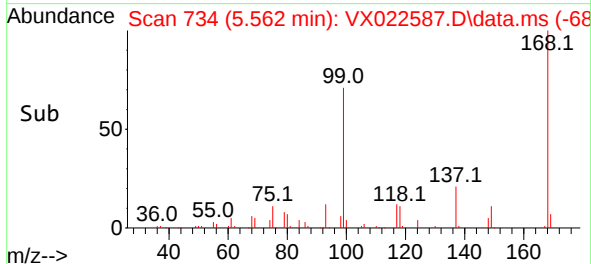


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022587.D
Acq: 09 Jun 2021 01:08

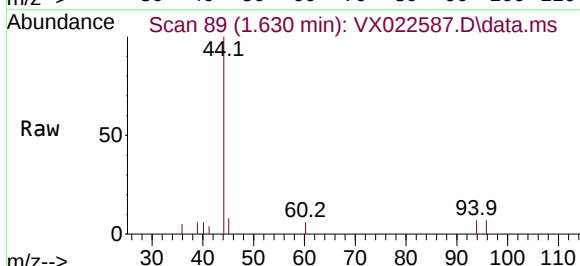
Instrument :
MSVOA_X
ClientSampled :



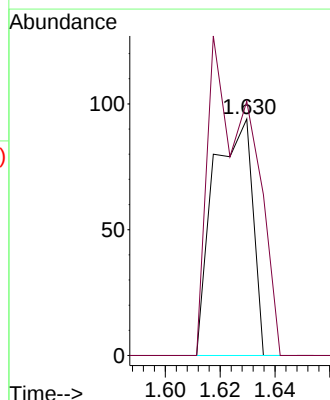
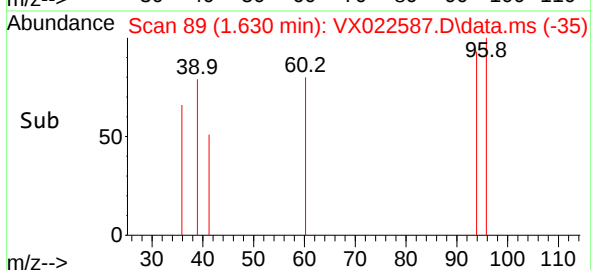
Tgt Ion:168 Resp: 57287
Ion Ratio Lower Upper
168 100
99 71.4 45.8 68.6#

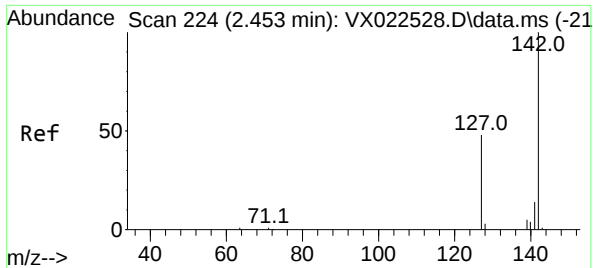


#5
Bromomethane
Concen: 0.225 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX022587.D
Acq: 09 Jun 2021 01:08



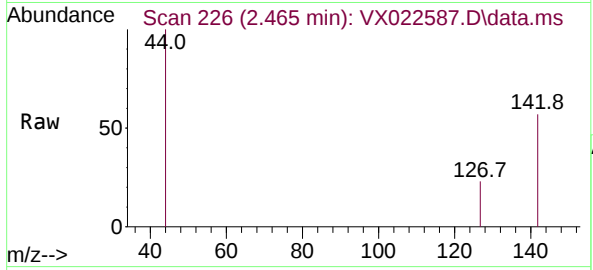
Tgt Ion: 94 Resp: 93
Ion Ratio Lower Upper
94 100
96 107.4 76.4 114.6



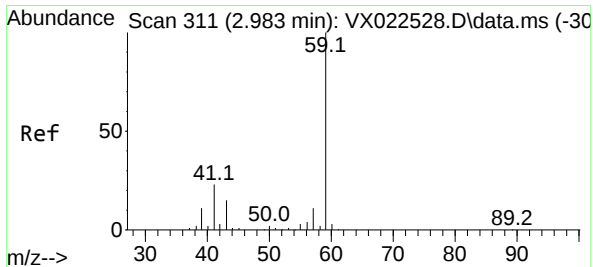
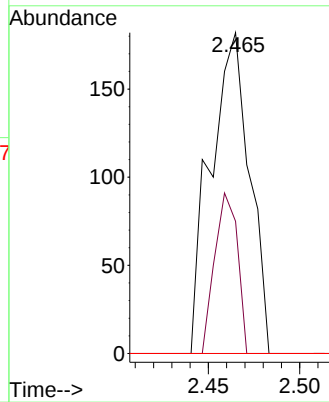
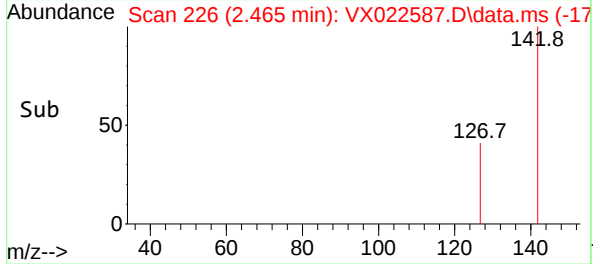


#10
Methyl Iodide
Concen: 0.327 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022587.D
Acq: 09 Jun 2021 01:08

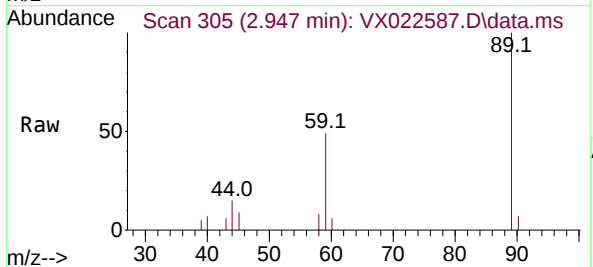
Instrument :
MSVOA_X
ClientSampled :



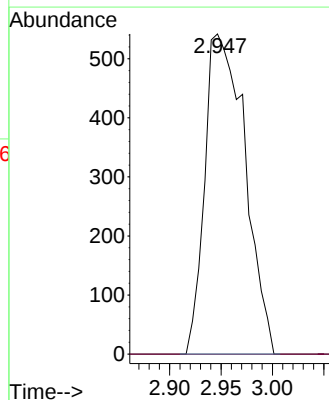
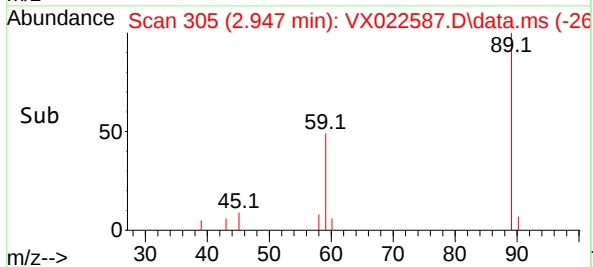
Tgt Ion:142 Resp: 271
Ion Ratio Lower Upper
142 100
127 29.2 33.3 49.9#
141 0.0 11.4 17.0#

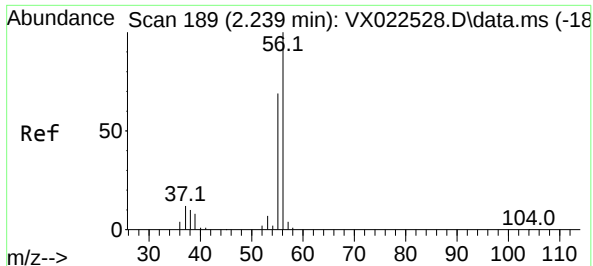


#11
Tert butyl alcohol
Concen: 6.448 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX022587.D
Acq: 09 Jun 2021 01:08



Tgt Ion: 59 Resp: 1473
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

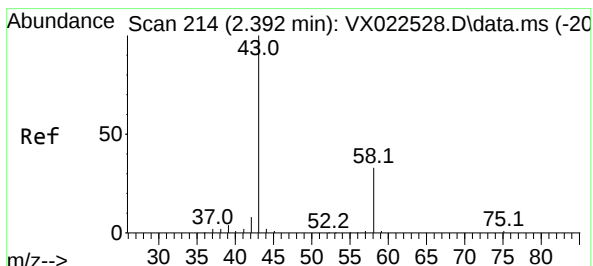
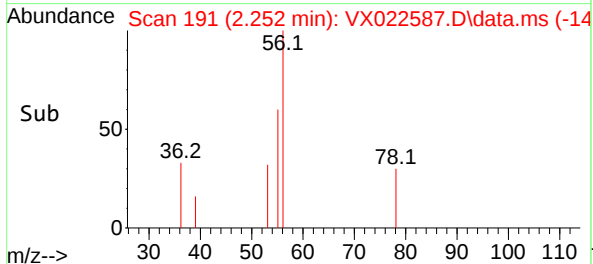
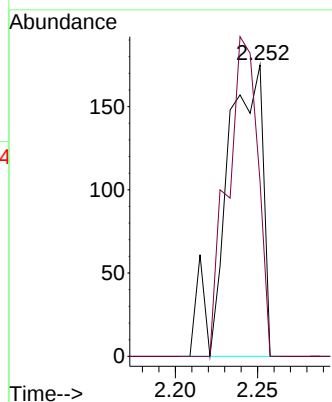
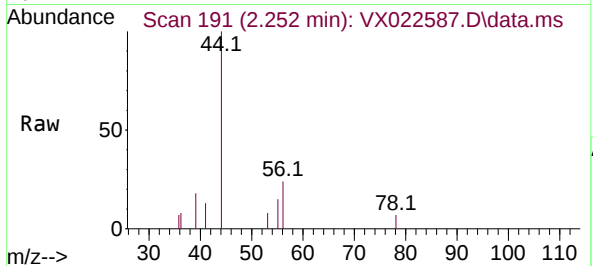




#13
Acrolein
Concen: 5.575 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.013 min
Lab File: VX022587.D
Acq: 09 Jun 2021 01:08

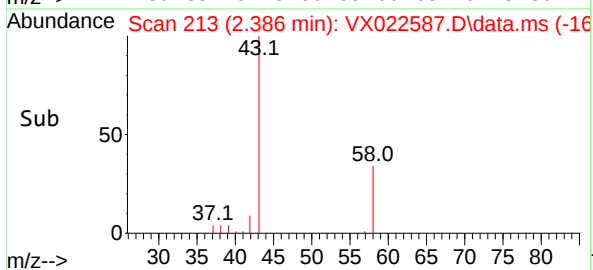
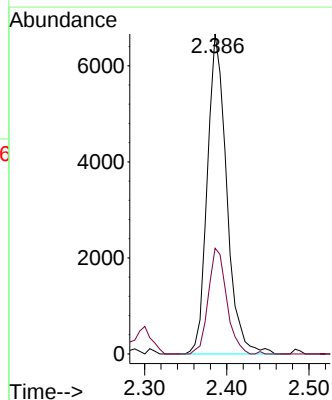
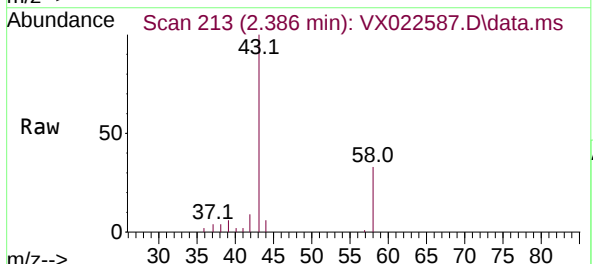
Instrument :
MSVOA_X
ClientSampled :

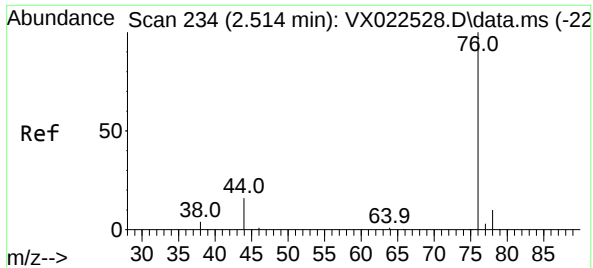
Tgt Ion: 56 Resp: 271
Ion Ratio Lower Upper
56 100
55 91.1 56.4 84.6#



#16
Acetone
Concen: 23.784 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022587.D
Acq: 09 Jun 2021 01:08

Tgt Ion: 43 Resp: 10884
Ion Ratio Lower Upper
43 100
58 33.0 27.8 41.8

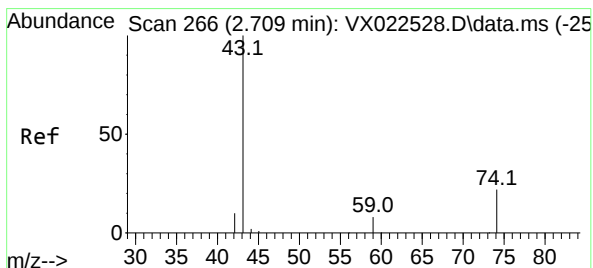
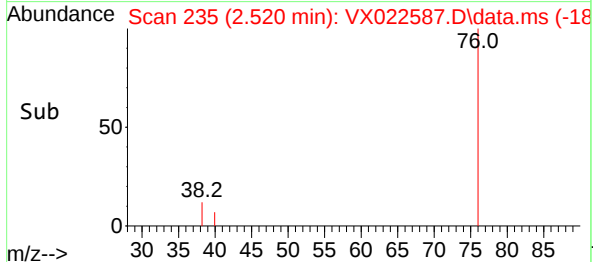
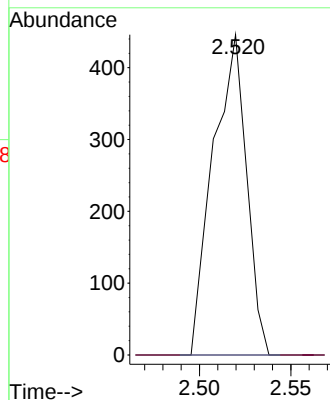
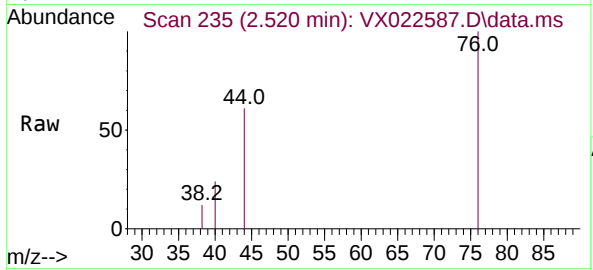




#17
Carbon Disulfide
Concen: 3.675 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022587.D
Acq: 09 Jun 2021 01:08

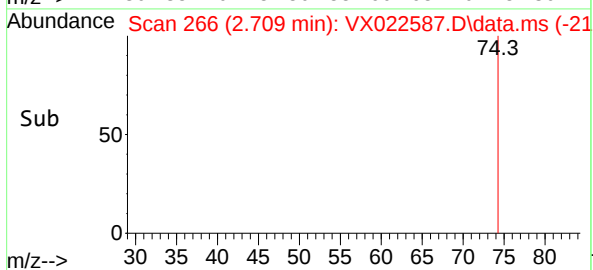
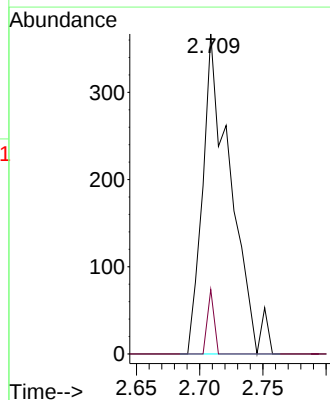
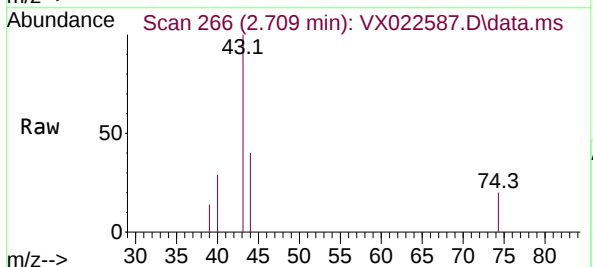
Instrument :
MSVOA_X
ClientSampled :

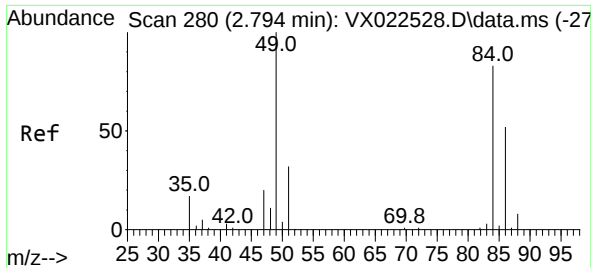
Tgt Ion: 76 Resp: 568
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.448 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022587.D
Acq: 09 Jun 2021 01:08

Tgt Ion: 43 Resp: 565
Ion Ratio Lower Upper
43 100
74 4.8 21.9 32.9#





#20

Methylene Chloride

Concen: 4.323 ug/l

RT: 2.800 min Scan# 281

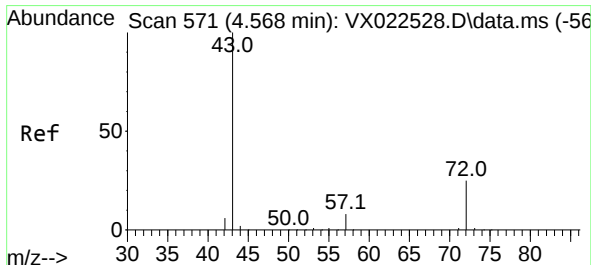
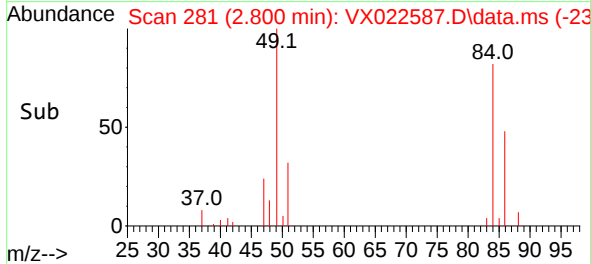
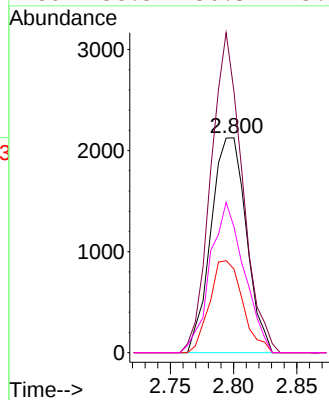
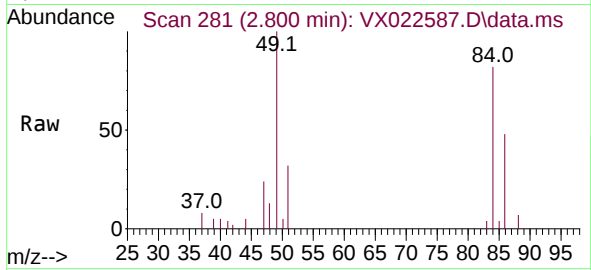
Delta R.T. 0.006 min

Lab File: VX022587.D

Acq: 09 Jun 2021 01:08

Tgt Ion: 84 Resp: 4130

Ion	Ratio	Lower	Upper
84	100		
49	121.6	88.6	132.8
51	39.0	27.0	40.6
86	58.5	50.3	75.5



#25

2-Butanone

Concen: 2.321 ug/l

RT: 4.586 min Scan# 574

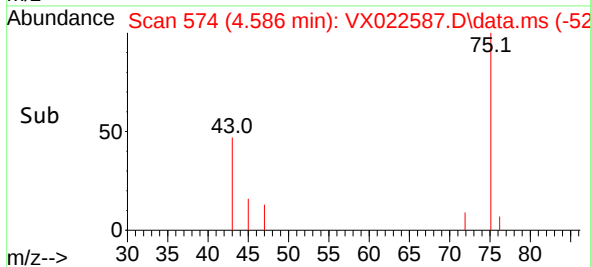
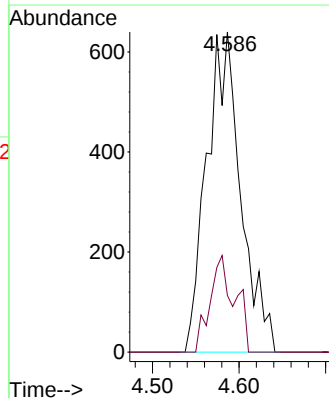
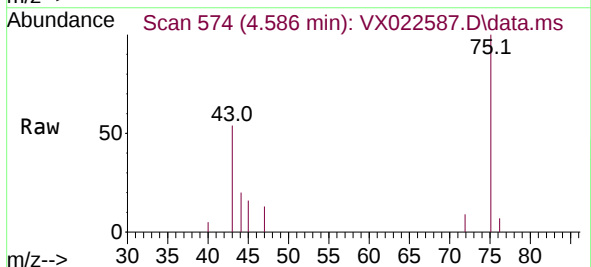
Delta R.T. 0.018 min

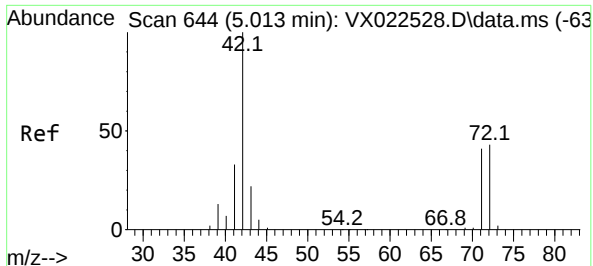
Lab File: VX022587.D

Acq: 09 Jun 2021 01:08

Tgt Ion: 43 Resp: 1755

Ion	Ratio	Lower	Upper
43	100		
72	17.7	23.7	35.5#





#29

Tetrahydrofuran

Concen: 1.075 ug/l

RT: 5.038 min Scan# 648

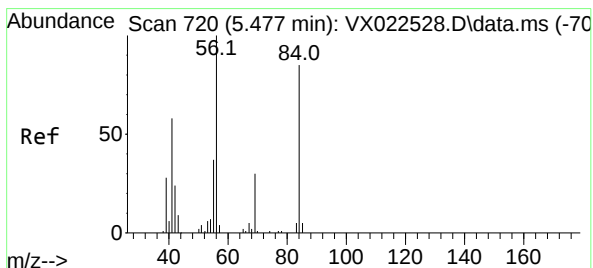
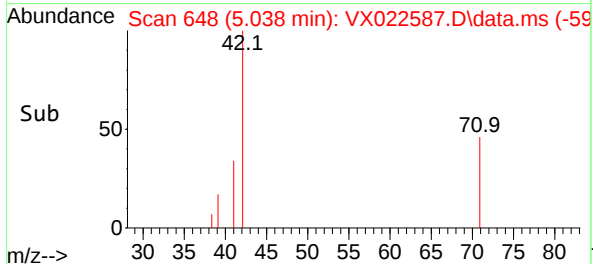
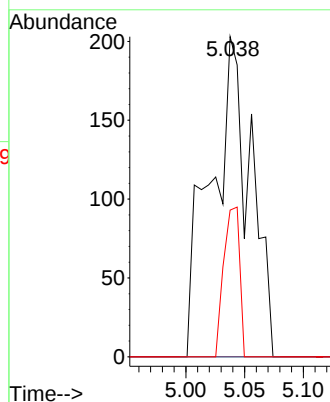
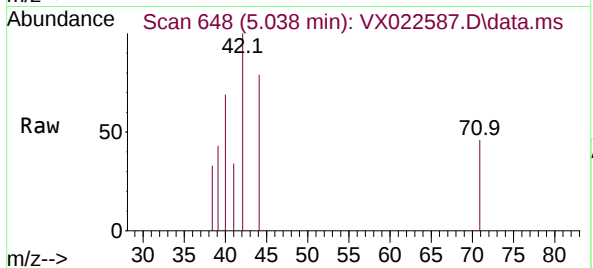
Delta R.T. 0.025 min

Lab File: VX022587.D

Acq: 09 Jun 2021 01:08

Tgt Ion:	42	Resp:	477
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	18.9	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.442 ug/l

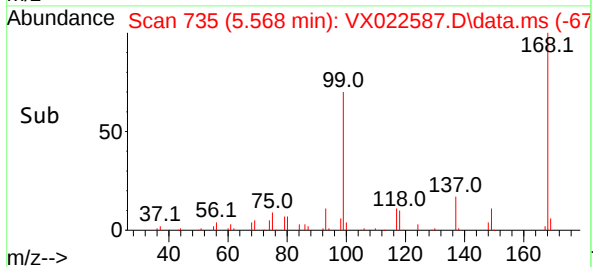
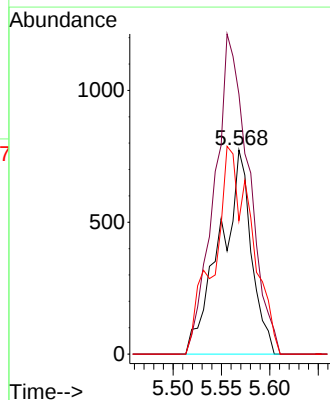
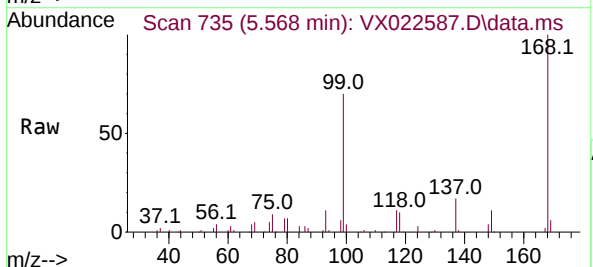
RT: 5.568 min Scan# 735

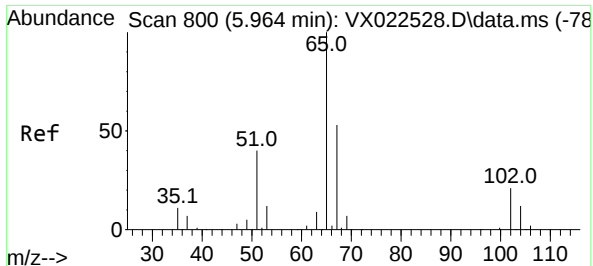
Delta R.T. 0.091 min

Lab File: VX022587.D

Acq: 09 Jun 2021 01:08

Tgt Ion:	56	Resp:	1737
Ion	Ratio	Lower	Upper
56	100		
69	127.4	25.3	37.9#
84	65.4	71.4	107.0#



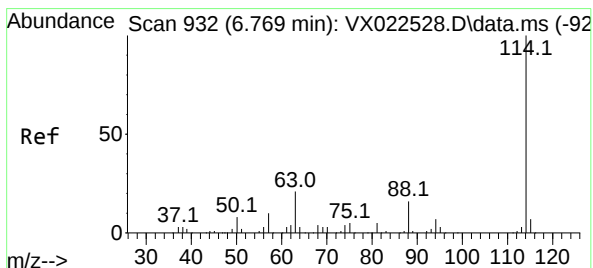
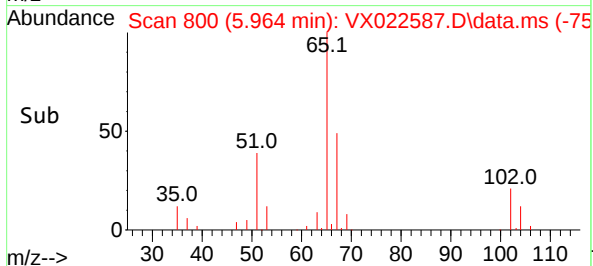
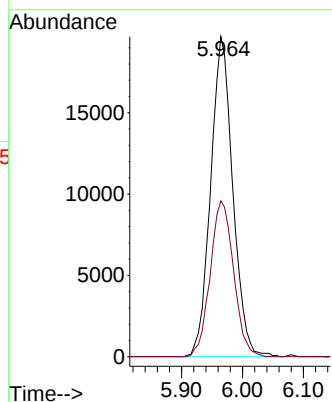
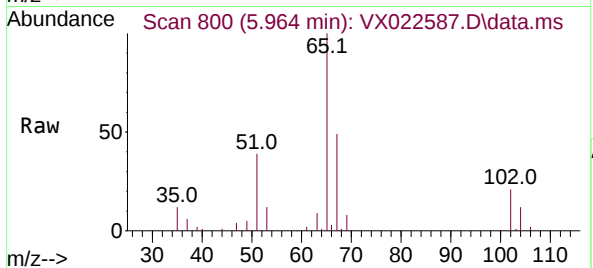


#33

1,2-Dichloroethane-d4
Concen: 48.851 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022587.D
Acq: 09 Jun 2021 01:08

Instrument :
MSVOA_X
ClientSampled :

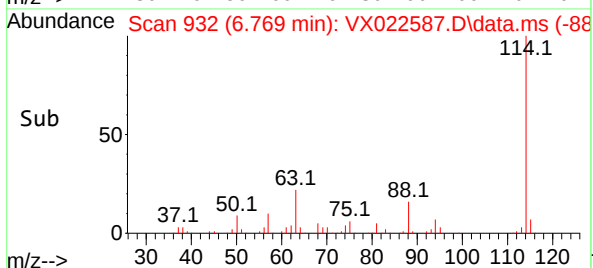
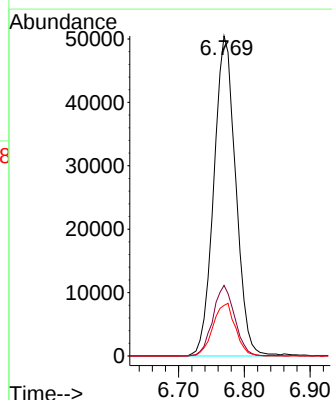
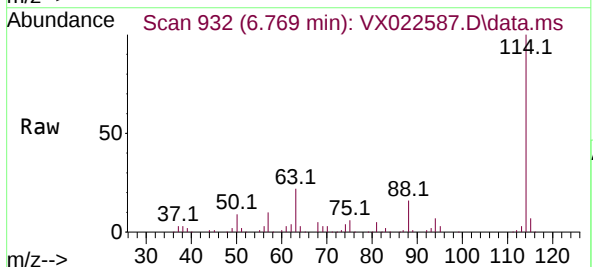
Tgt Ion: 65 Resp: 49750
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.4

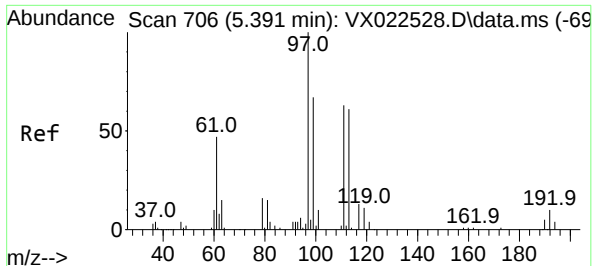


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022587.D
Acq: 09 Jun 2021 01:08

Tgt Ion: 114 Resp: 116849
Ion Ratio Lower Upper
114 100
63 22.0 0.0 40.8
88 15.8 0.0 32.8

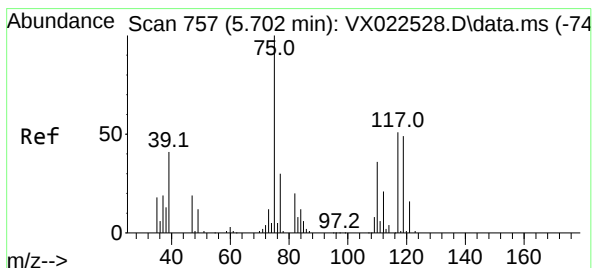
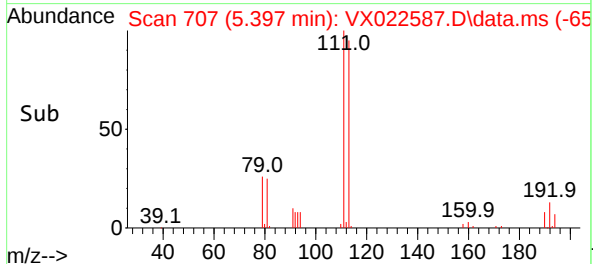
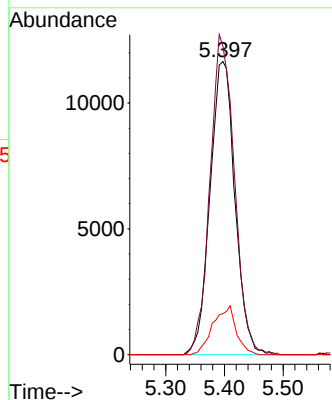
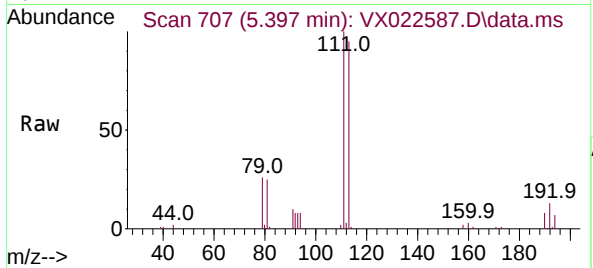




#35
Dibromofluoromethane
Concen: 46.915 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022587.D
Acq: 09 Jun 2021 01:08

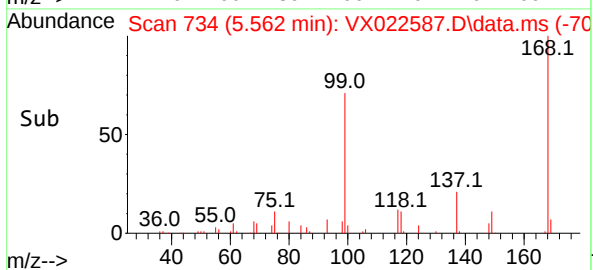
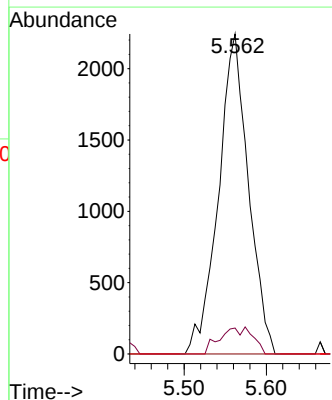
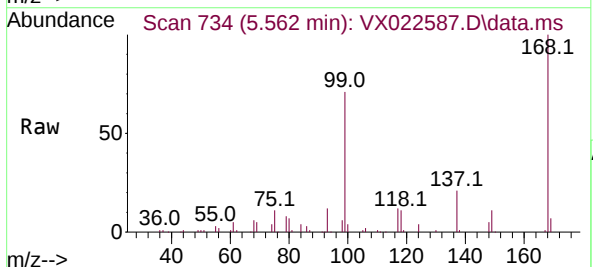
Instrument :
MSVOA_X
ClientSampled :

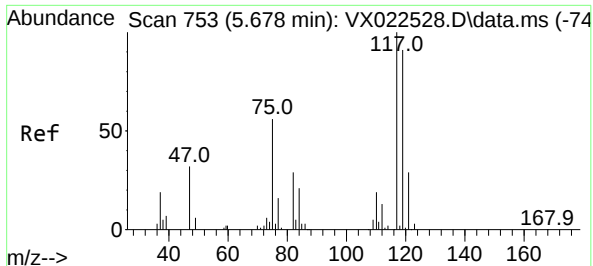
Tgt Ion:113 Resp: 34299
Ion Ratio Lower Upper
113 100
111 106.6 81.9 122.9
192 15.5 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.021 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022587.D
Acq: 09 Jun 2021 01:08

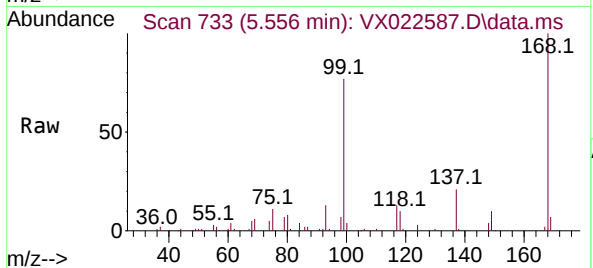
Tgt Ion: 75 Resp: 5676
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#



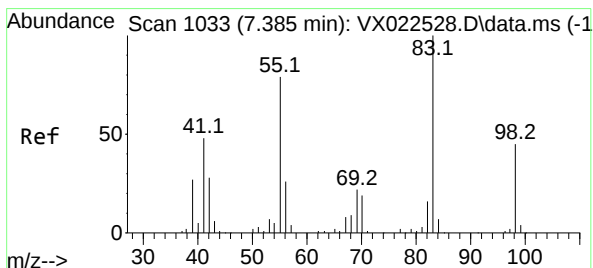
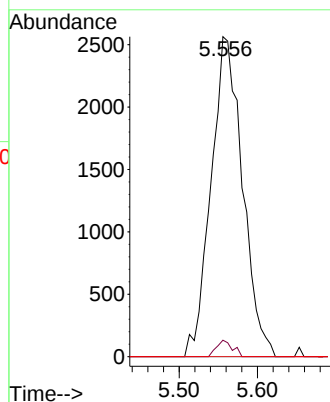
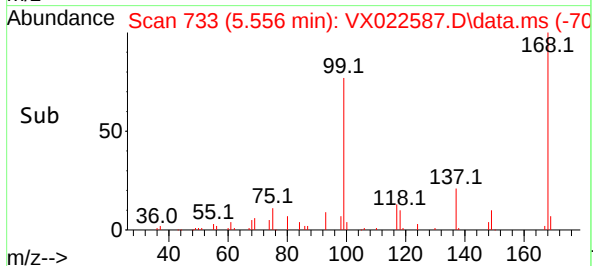


#38
Carbon Tetrachloride
Concen: 8.598 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022587.D
Acq: 09 Jun 2021 01:08

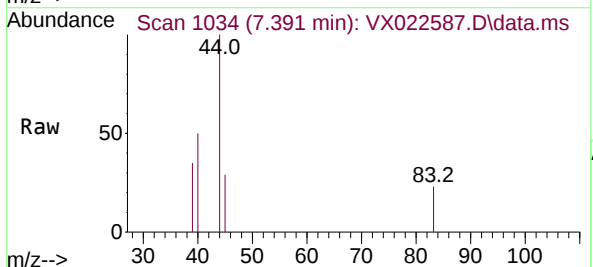
Instrument :
MSVOA_X
ClientSampled :



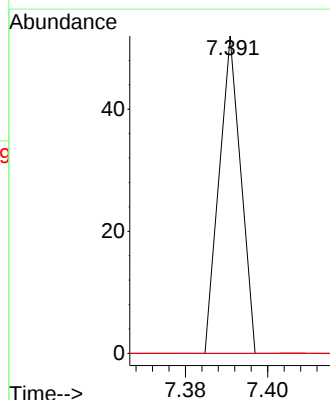
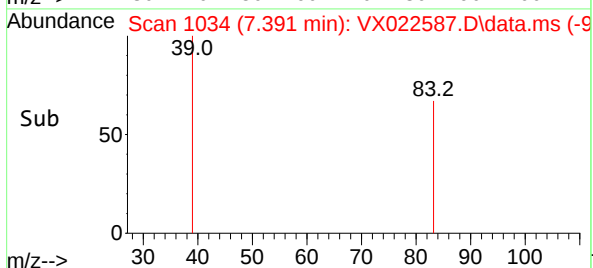
Tgt Ion:117 Resp: 7147
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#

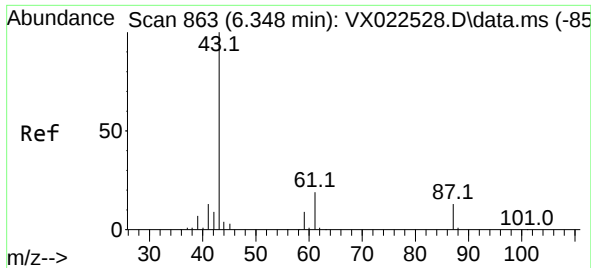


#39
Methylcyclohexane
Concen: 1.857 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VX022587.D
Acq: 09 Jun 2021 01:08



Tgt Ion: 83 Resp: 19
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 0.0 38.1 57.1#

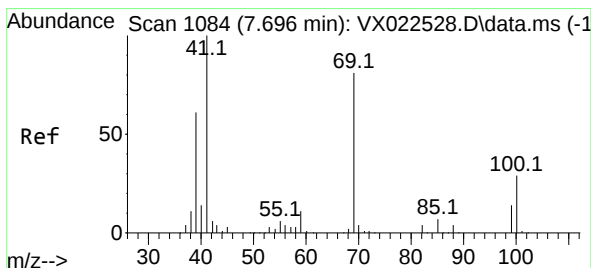
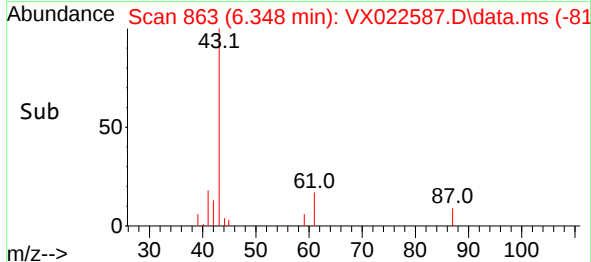
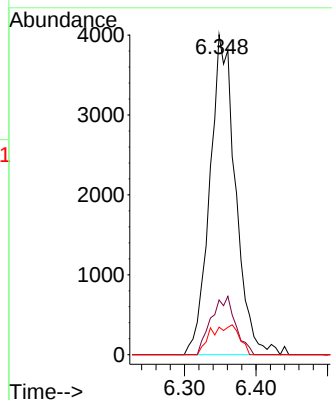
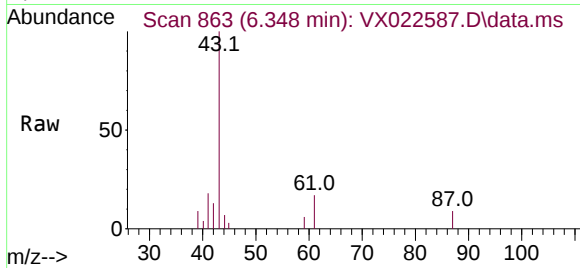




#43
Isopropyl Acetate
Concen: 4.251 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX022587.D
Acq: 09 Jun 2021 01:08

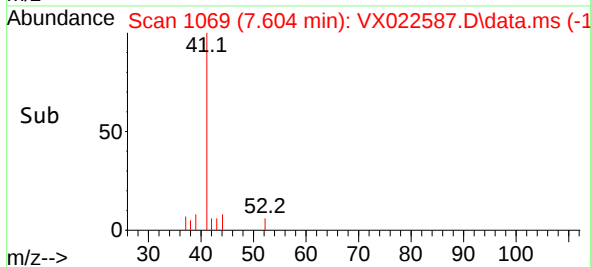
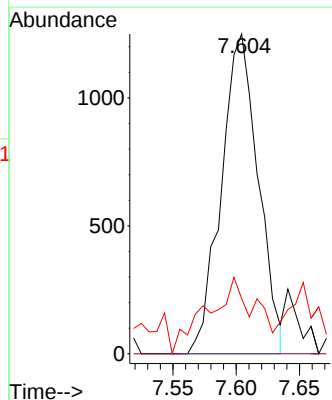
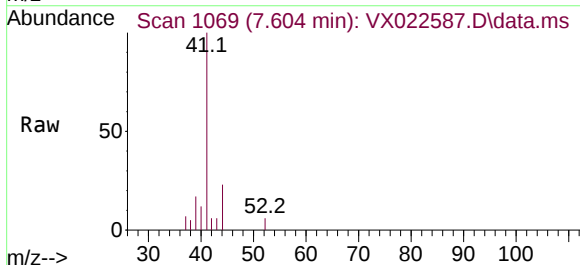
Instrument :
MSVOA_X
ClientSampleId :

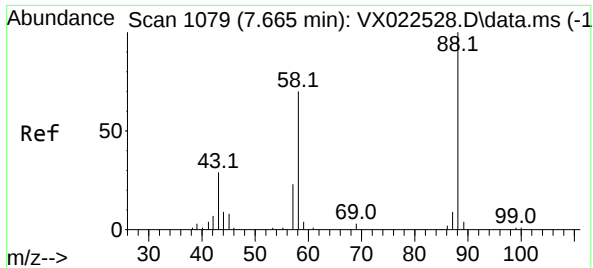
Tgt Ion:	43	Resp:	9998
Ion	Ratio	Lower	Upper
43	100		
61	17.3	18.2	27.4#
87	10.3	12.5	18.7#



#48
Methyl methacrylate
Concen: 2.324 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022587.D
Acq: 09 Jun 2021 01:08

Tgt Ion:	41	Resp:	2543
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#

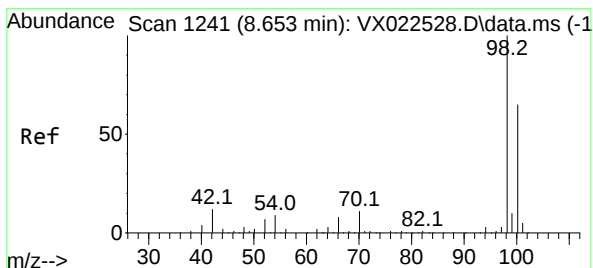
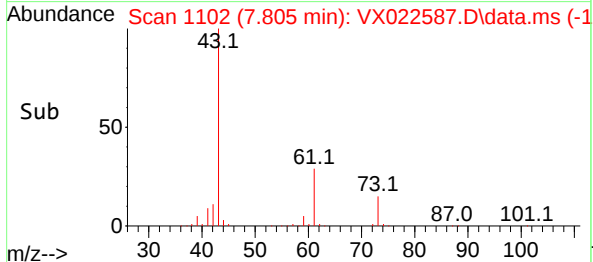
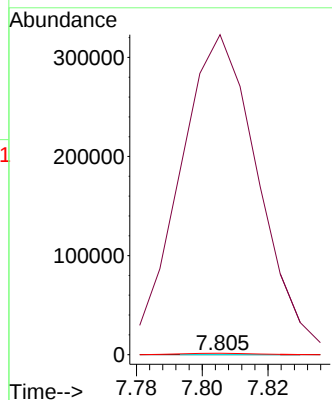
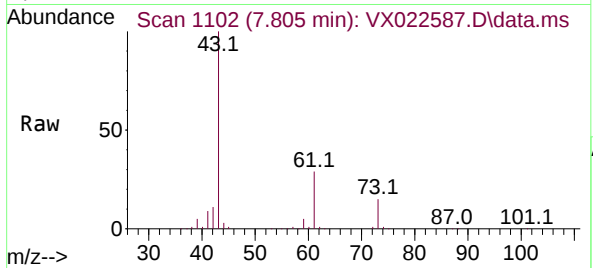




#49
1,4-Dioxane
Concen: 2.620 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.140 min
Lab File: VX022587.D
Acq: 09 Jun 2021 01:08

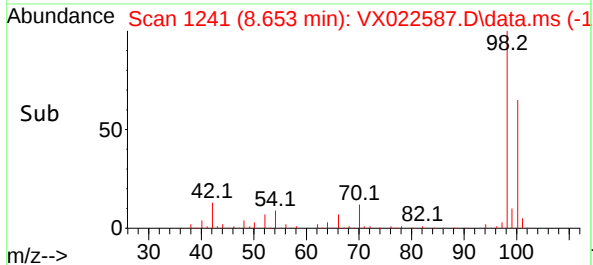
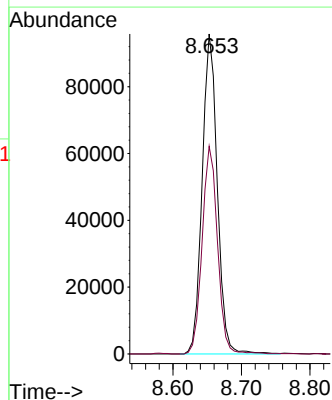
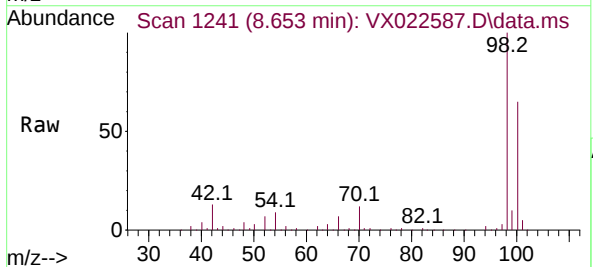
Instrument :
MSVOA_X
ClientSampled :

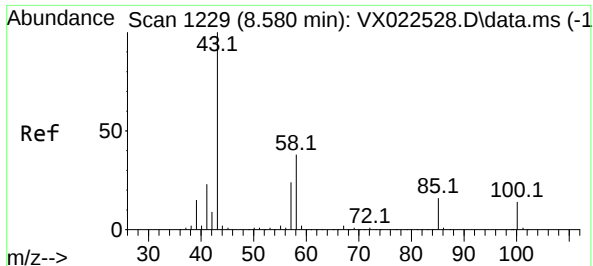
Tgt Ion: 88 Resp: 58
Ion Ratio Lower Upper
88 100
43 950981.0 23.2 34.8#
58 3996.6 55.0 82.4#



#50
Toluene-d8
Concen: 50.515 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022587.D
Acq: 09 Jun 2021 01:08

Tgt Ion: 98 Resp: 147354
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9

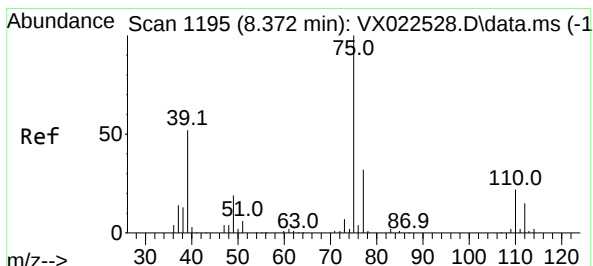
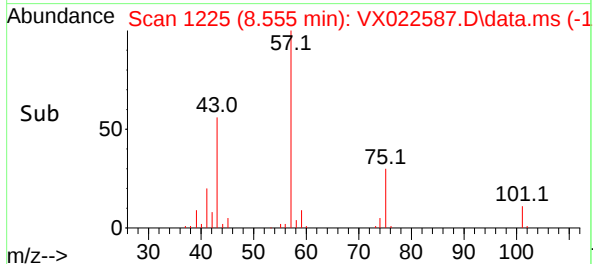
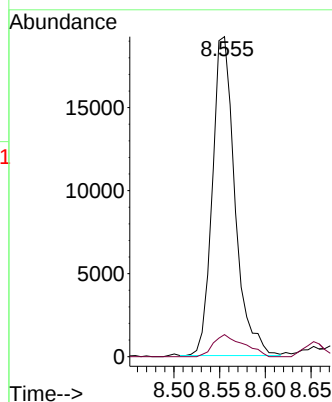
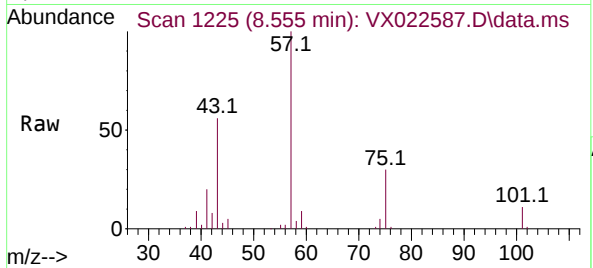




#51
4-Methyl-2-Pentanone
Concen: 22.475 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022587.D
Acq: 09 Jun 2021 01:08

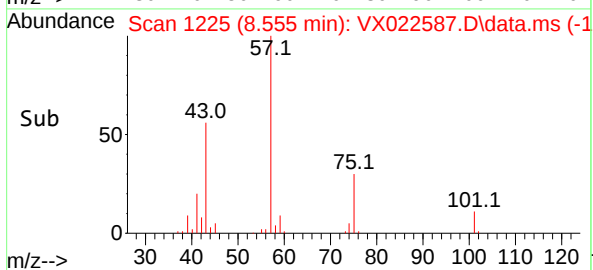
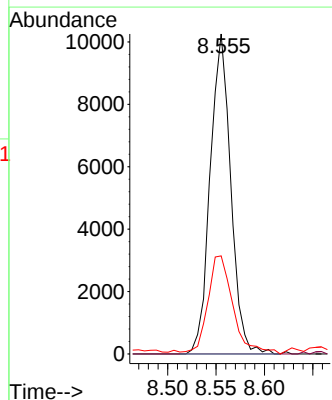
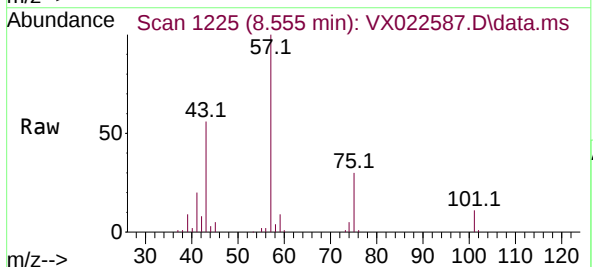
Instrument :
MSVOA_X
ClientSampled :

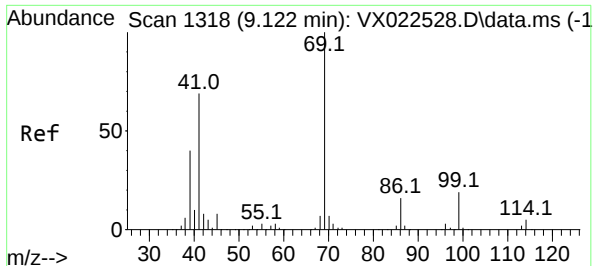
Tgt Ion: 43 Resp: 32931
Ion Ratio Lower Upper
43 100
58 9.3 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 11.908 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022587.D
Acq: 09 Jun 2021 01:08

Tgt Ion: 75 Resp: 15156
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 30.6 35.1 52.7#

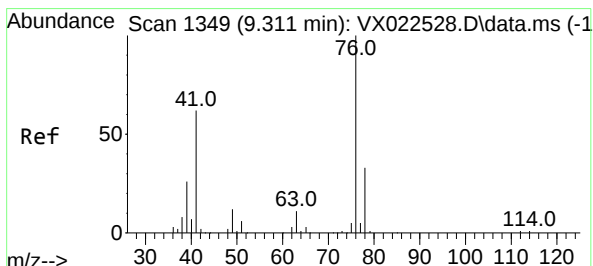
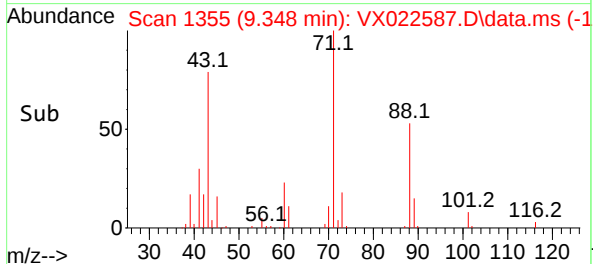
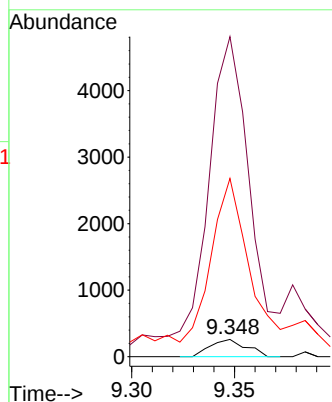
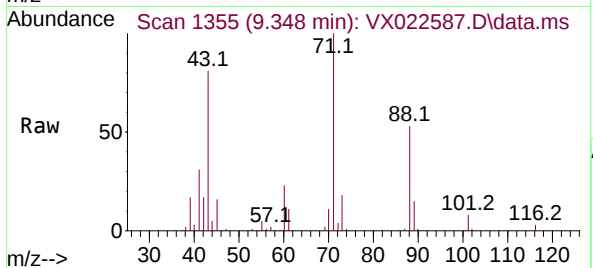




#56
Ethyl methacrylate
Concen: 2.890 ug/l
RT: 9.348 min Scan# 1355
Delta R.T. 0.226 min
Lab File: VX022587.D
Acq: 09 Jun 2021 01:08

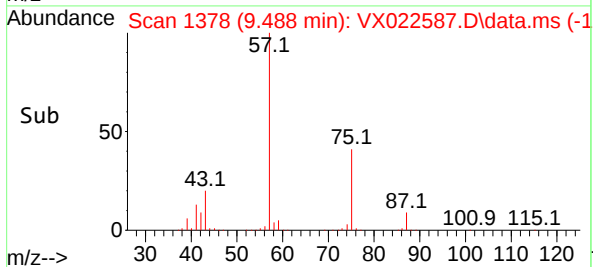
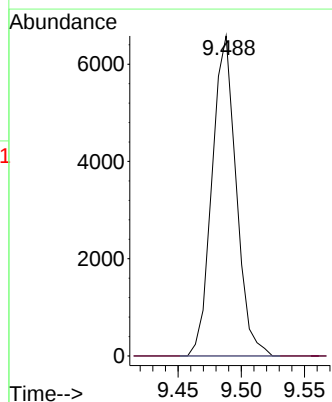
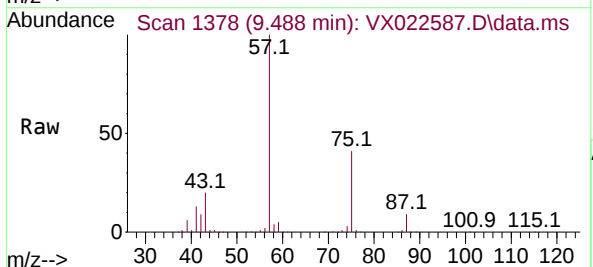
Instrument :
MSVOA_X
ClientSampled :

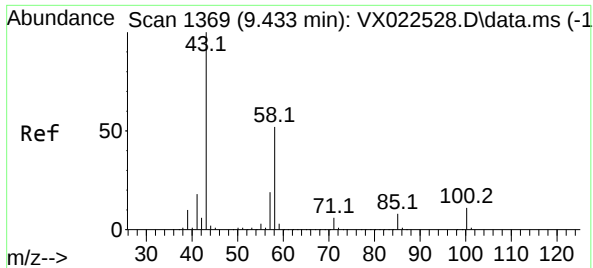
Tgt Ion: 69 Resp: 317
Ion Ratio Lower Upper
69 100
41 2112.3 46.8 70.2#
39 1117.7 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 5.668 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022587.D
Acq: 09 Jun 2021 01:08

Tgt Ion: 76 Resp: 8747
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

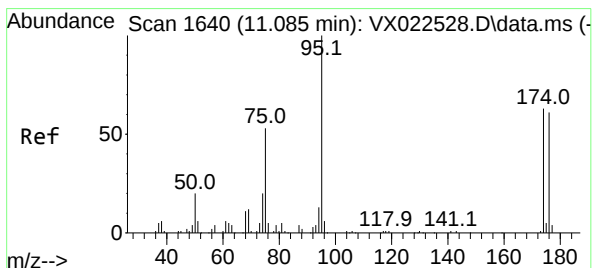
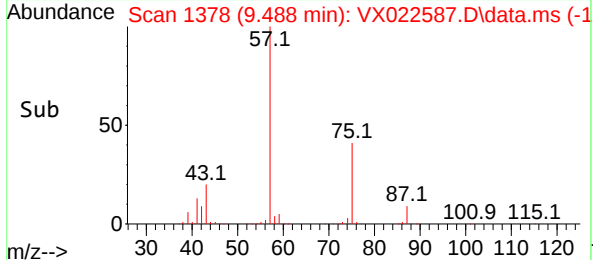
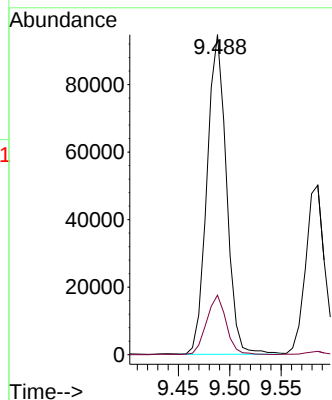
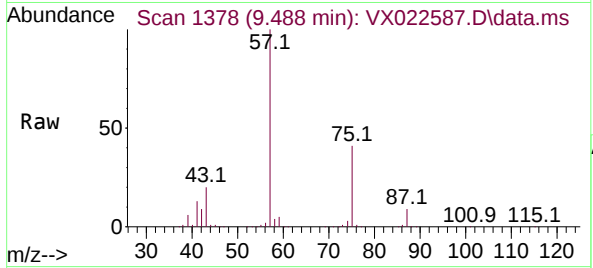




#59
2-Hexanone
Concen: 111.388 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022587.D
Acq: 09 Jun 2021 01:08

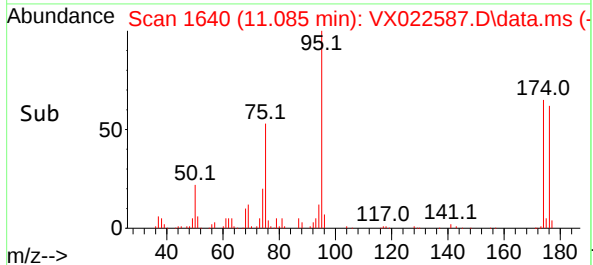
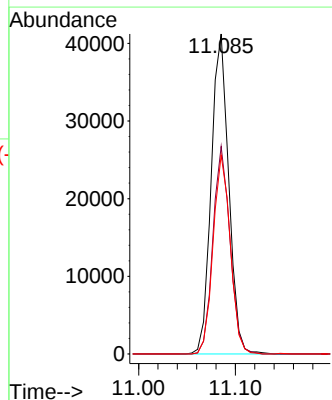
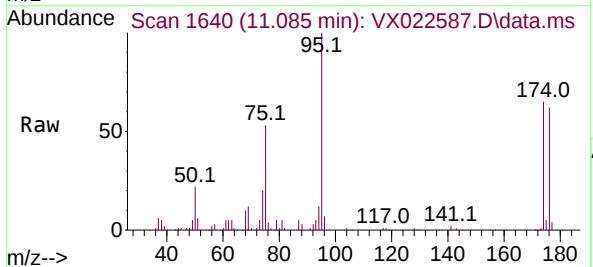
Instrument :
MSVOA_X
ClientSampled :

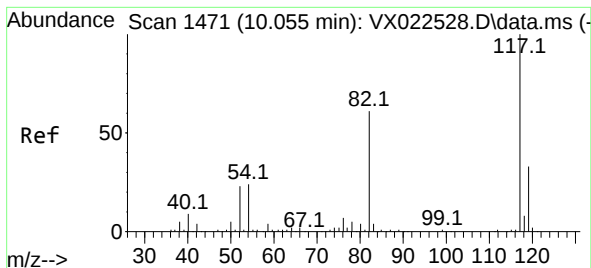
Tgt Ion: 43 Resp: 124681
Ion Ratio Lower Upper
43 100
58 18.7 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 47.554 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022587.D
Acq: 09 Jun 2021 01:08

Tgt Ion: 95 Resp: 51561
Ion Ratio Lower Upper
95 100
174 63.3 0.0 154.6
176 61.1 0.0 155.8

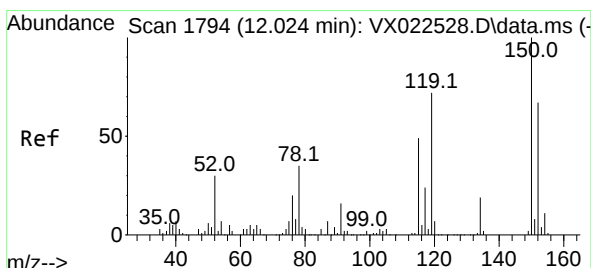
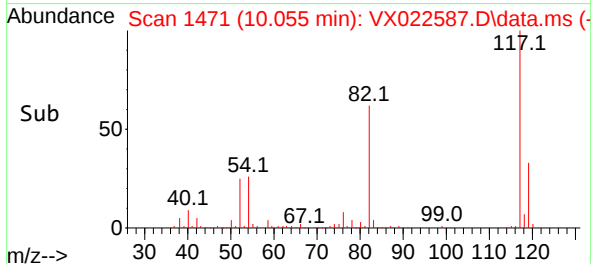
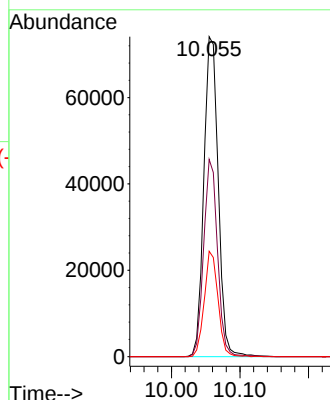
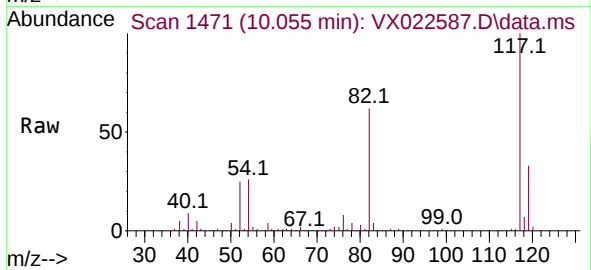




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022587.D
Acq: 09 Jun 2021 01:08

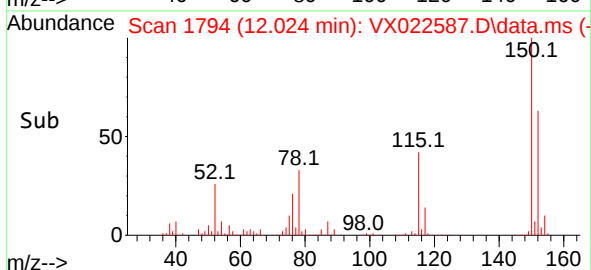
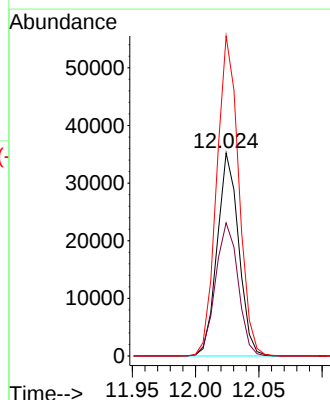
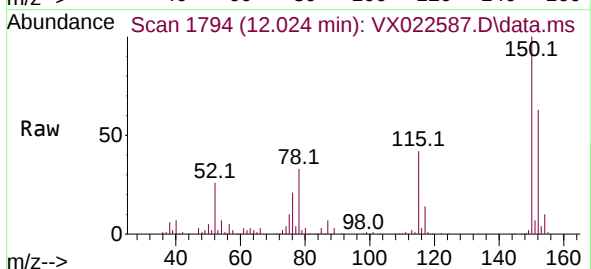
Instrument :
MSVOA_X
ClientSampleId :

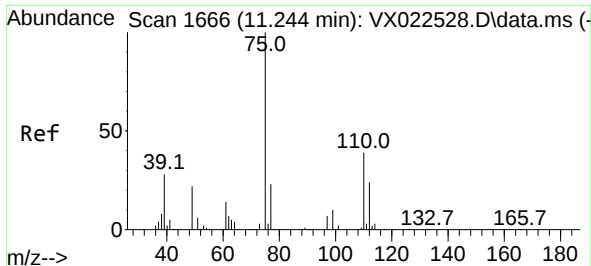
Tgt Ion:117 Resp: 108475
Ion Ratio Lower Upper
117 100
82 61.6 47.4 71.2
119 33.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022587.D
Acq: 09 Jun 2021 01:08

Tgt Ion:152 Resp: 41463
Ion Ratio Lower Upper
152 100
115 69.3 41.1 123.3
150 161.6 0.0 349.0

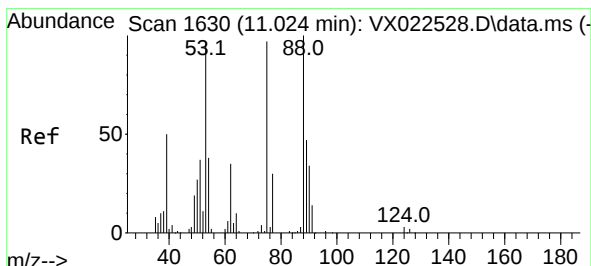
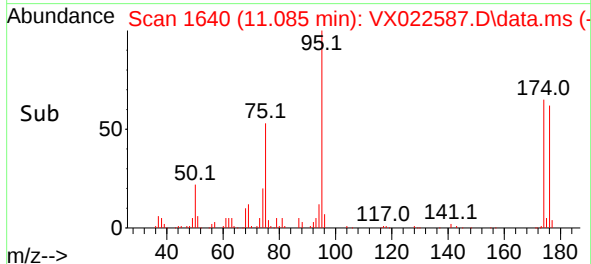
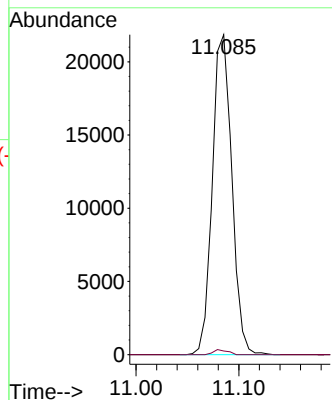
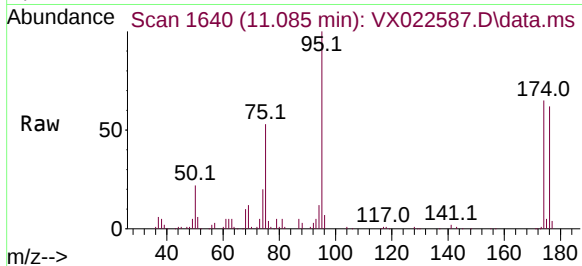




#76
1,2,3-Trichloropropane
Concen: 26.748 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022587.D
Acq: 09 Jun 2021 01:08

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 28731
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.784 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022587.D
Acq: 09 Jun 2021 01:08

Tgt Ion: 75 Resp: 28731
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

