

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022442.D
 Acq On : 05 Jun 2021 03:13
 Operator : JC/MD
 Sample : PB136806ZHE#09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

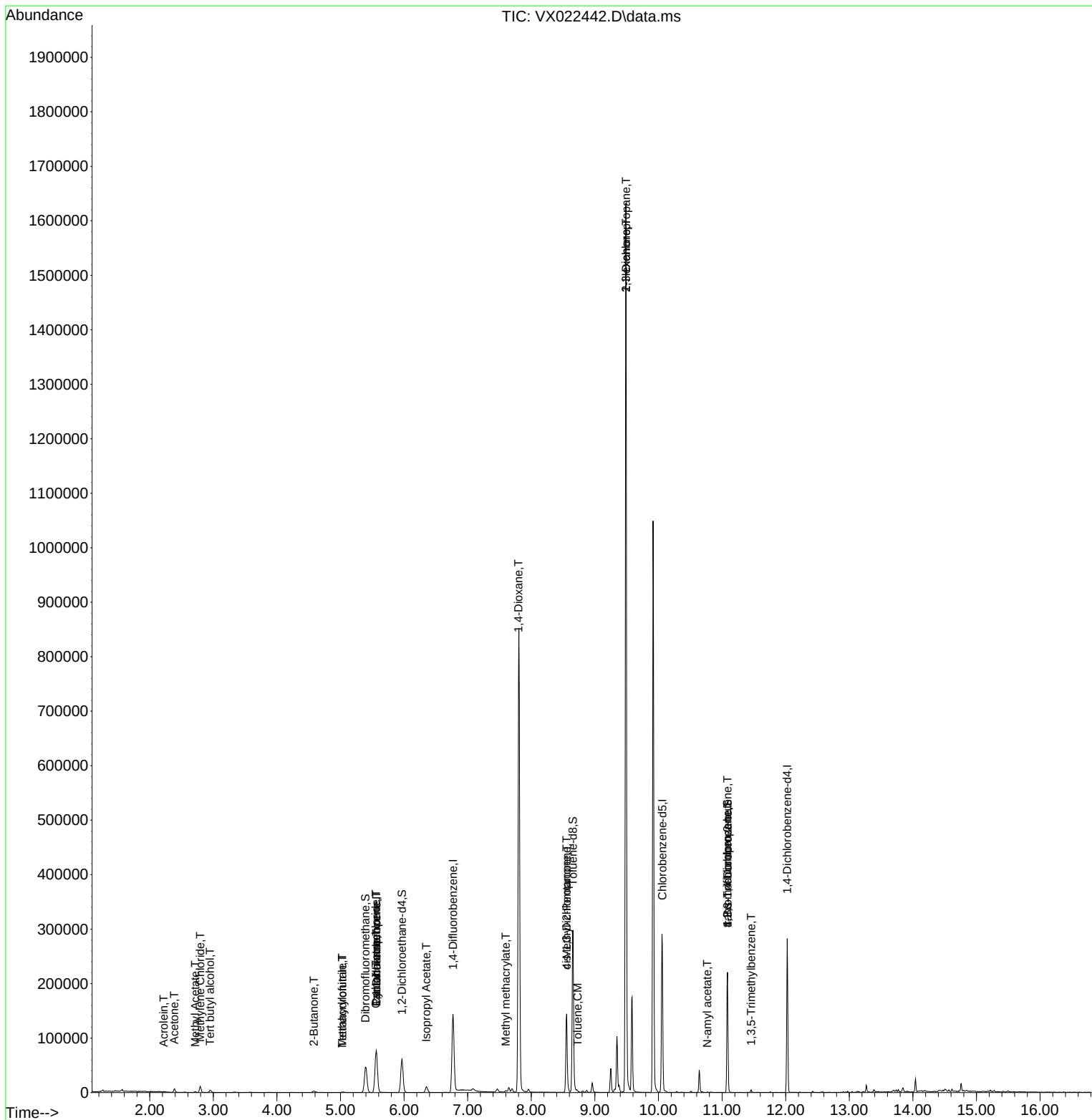
Quant Time: Jun 05 06:22:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

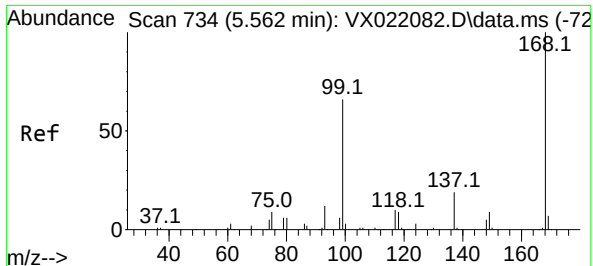
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	65889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	137922	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	123187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55258	54.367	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.740%	
35) Dibromofluoromethane	5.391	113	40926	46.792	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.580%	
50) Toluene-d8	8.653	98	169642	50.351	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.700%	
62) 4-Bromofluorobenzene	11.085	95	60793	48.817	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	2544	10.943	ug/l #	73
13) Acrolein	2.221	56	44	0.285	ug/l #	64
16) Acetone	2.386	43	7109	16.063	ug/l	99
18) Methyl Acetate	2.715	43	1748	1.485	ug/l #	82
20) Methylene Chloride	2.794	84	4678	4.761	ug/l	93
25) 2-Butanone	4.580	43	2516	3.514	ug/l	93
29) Tetrahydrofuran	5.025	42	389	0.913	ug/l	88
31) Cyclohexane	5.562	56	1634	1.279	ug/l #	16
36) 1,1-Dichloropropene	5.562	75	6593	5.170	ug/l #	49
38) Carbon Tetrachloride	5.556	117	7582	6.077	ug/l #	16
41) Methacrylonitrile	5.025	41	417	0.499	ug/l #	41
43) Isopropyl Acetate	6.348	43	14322	5.601	ug/l	93
48) Methyl methacrylate	7.598	41	4292	3.642	ug/l #	10
49) 1,4-Dioxane	7.799	88	25	1.090	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	51164	33.401	ug/l #	45
52) Toluene	8.726	92	608	0.245	ug/l	97
54) cis-1,3-Dichloropropene	8.555	75	24068	14.271	ug/l #	61
57) 1,3-Dichloropropane	9.488	76	13965	8.108	ug/l #	42
59) 2-Hexanone	9.488	43	186528	161.907	ug/l #	44
74) N-amyl acetate	10.768	43	470	0.239	ug/l #	38
76) 1,2,3-Trichloropropane	11.085	75	31958	26.415	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.457	105	2064	0.600	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.085	75	31958	62.587	ug/l #	12

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

Quant Time: Jun 05 06:22:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration

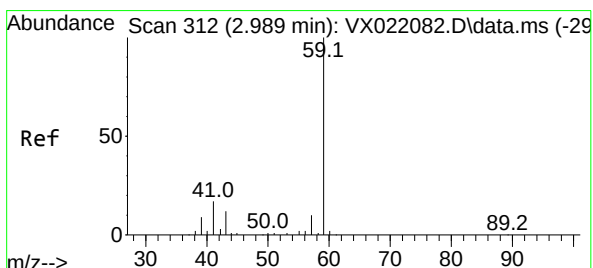
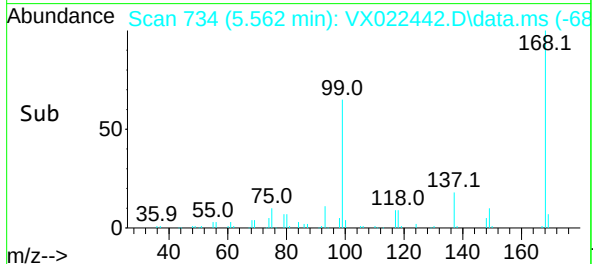
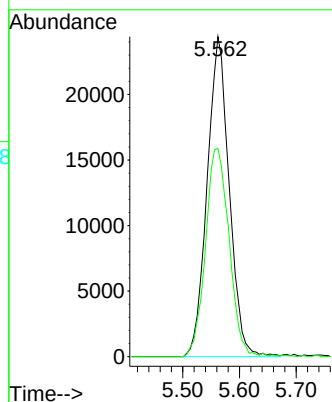
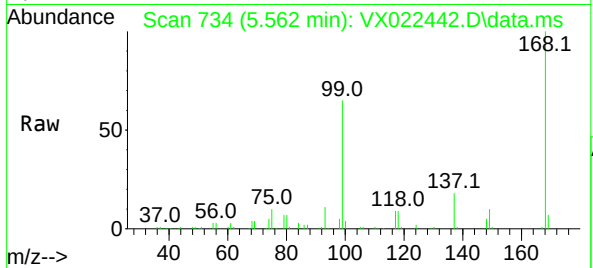




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022442.D
Acq: 05 Jun 2021 03:13

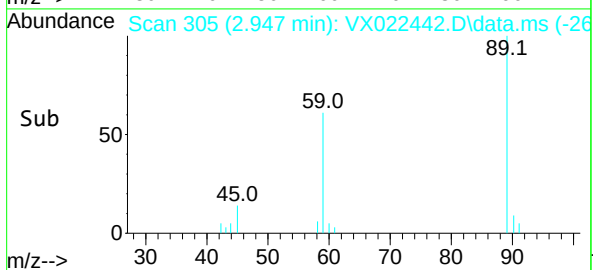
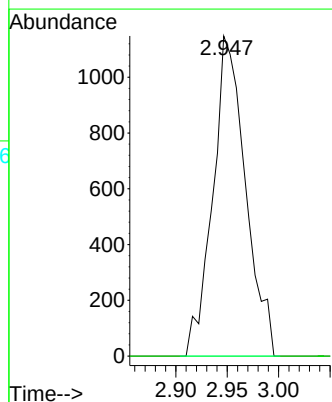
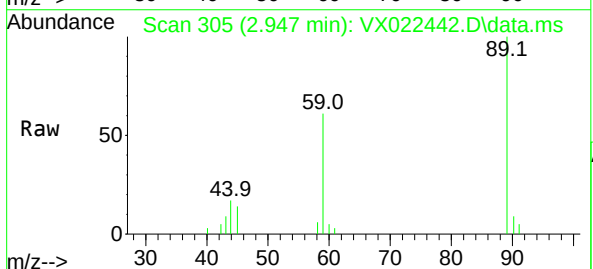
Instrument :
MSVOA_X
ClientSampled :

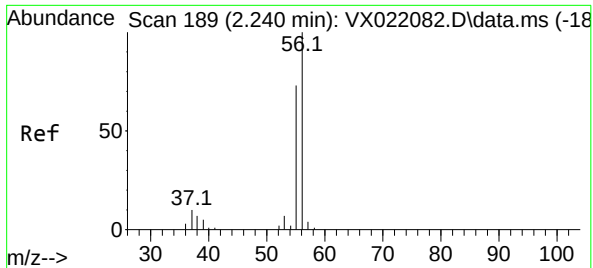
Tgt Ion:168 Resp: 65889
Ion Ratio Lower Upper
168 100
99 65.1 45.8 68.6



#11
Tert butyl alcohol
Concen: 10.943 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX022442.D
Acq: 05 Jun 2021 03:13

Tgt Ion: 59 Resp: 2544
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

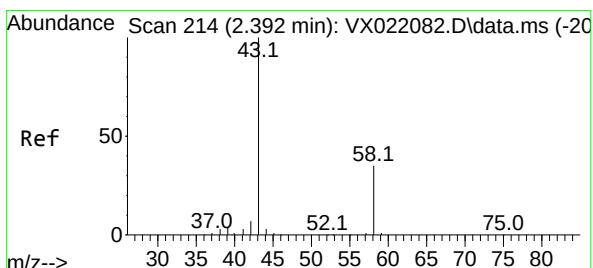
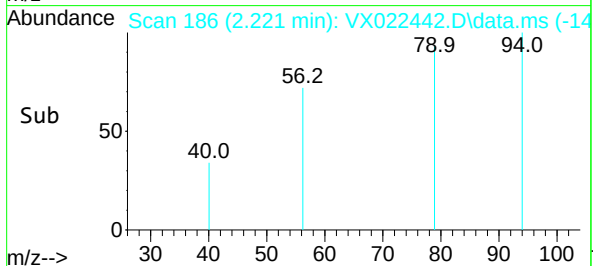
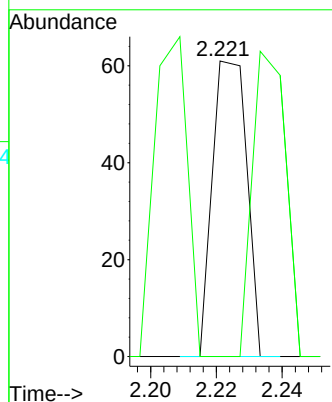
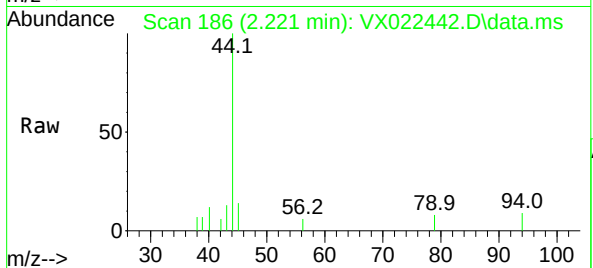




#13
Acrolein
Concen: 0.285 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.019 min
Lab File: VX022442.D
Acq: 05 Jun 2021 03:13

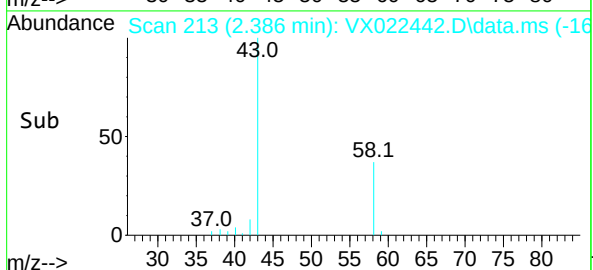
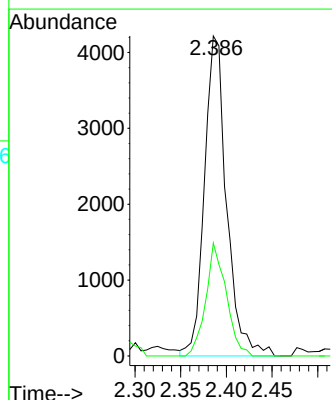
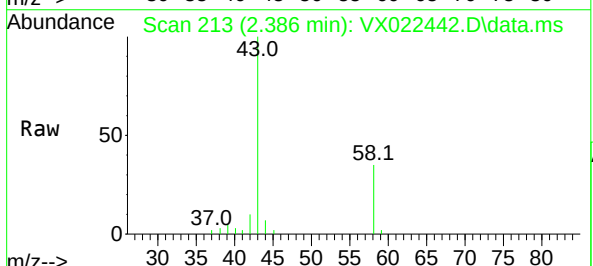
Instrument :
MSVOA_X
ClientSampled :

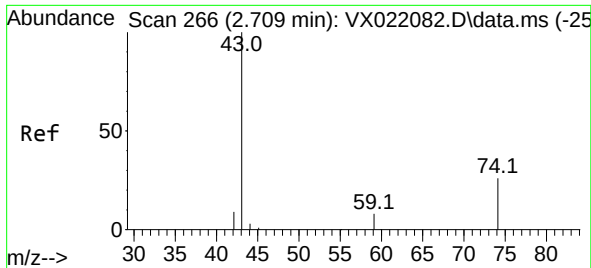
Tgt Ion: 56 Resp: 44
Ion Ratio Lower Upper
56 100
55 100.0 56.4 84.6#



#16
Acetone
Concen: 16.063 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022442.D
Acq: 05 Jun 2021 03:13

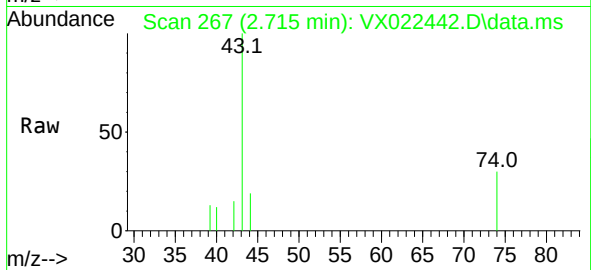
Tgt Ion: 43 Resp: 7109
Ion Ratio Lower Upper
43 100
58 35.3 27.8 41.8



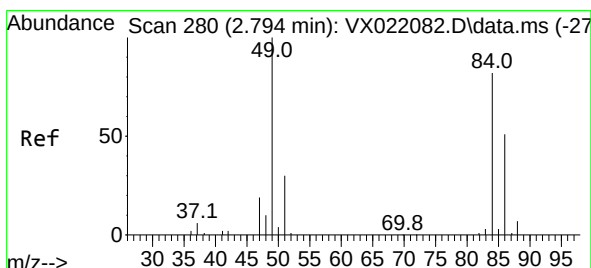
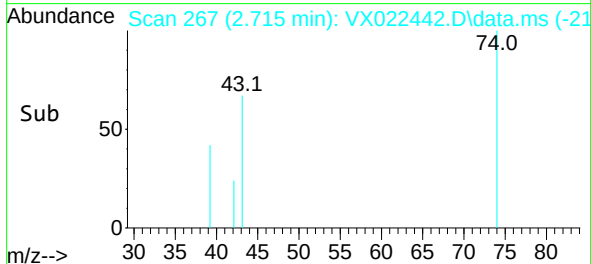
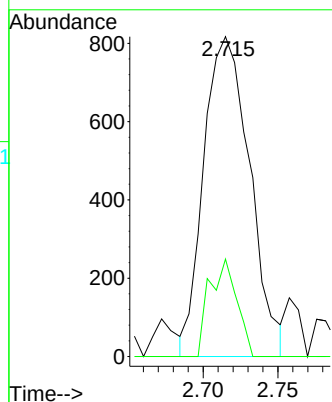


#18
Methyl Acetate
Concen: 1.485 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022442.D
Acq: 05 Jun 2021 03:13

Instrument :
MSVOA_X
ClientSampled :

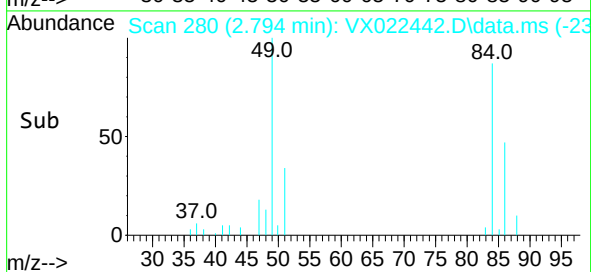
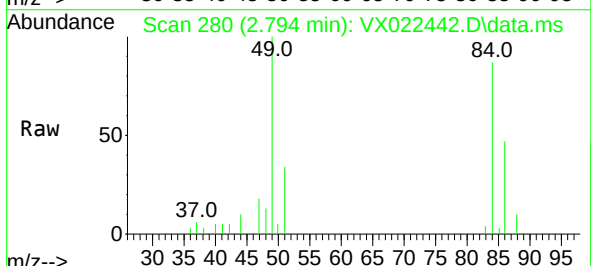
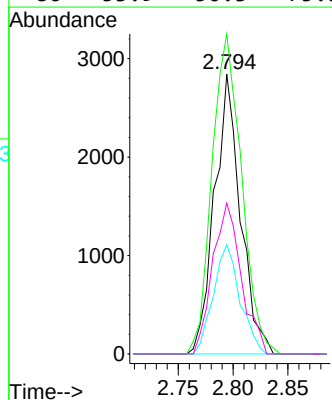


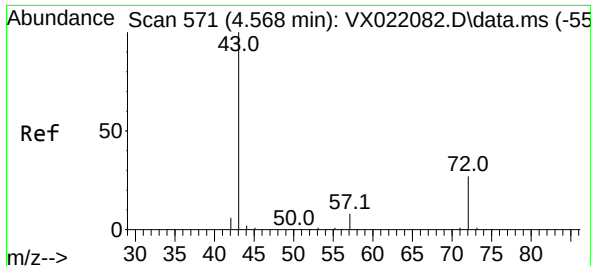
Tgt Ion: 43 Resp: 1748
Ion Ratio Lower Upper
43 100
74 18.1 21.9 32.9#



#20
Methylene Chloride
Concen: 4.761 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022442.D
Acq: 05 Jun 2021 03:13

Tgt Ion: 84 Resp: 4678
Ion Ratio Lower Upper
84 100
49 114.4 88.6 132.8
51 39.0 27.0 40.6
86 53.9 50.3 75.5

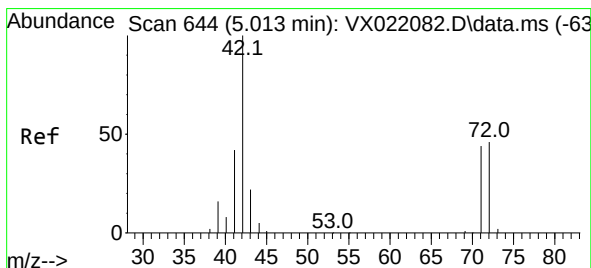
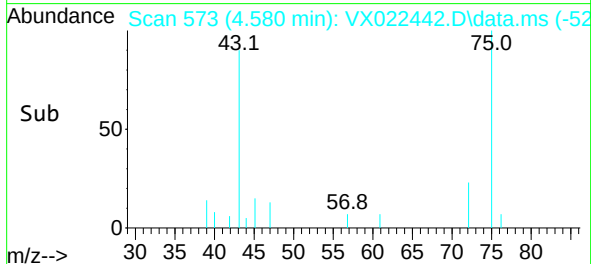
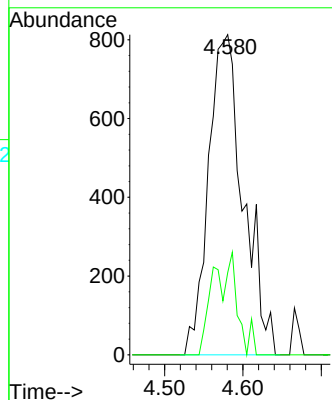
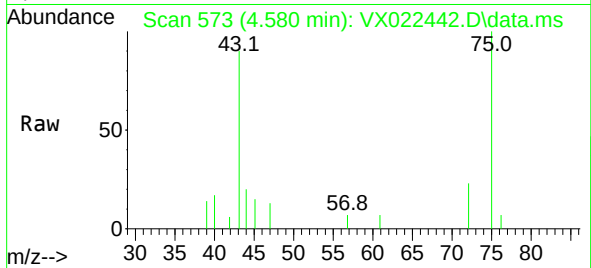




#25
2-Butanone
Concen: 3.514 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022442.D
Acq: 05 Jun 2021 03:13

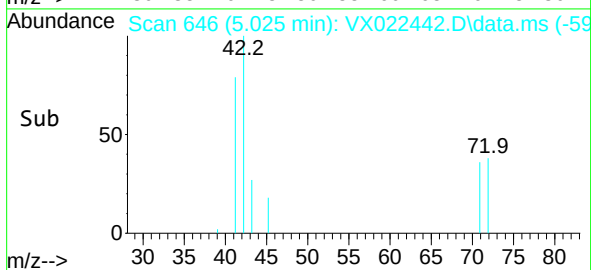
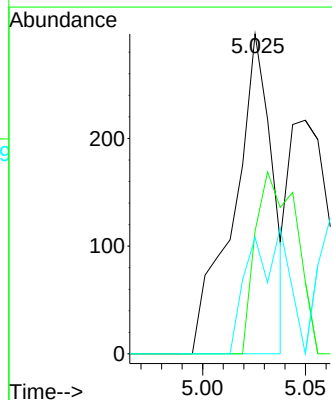
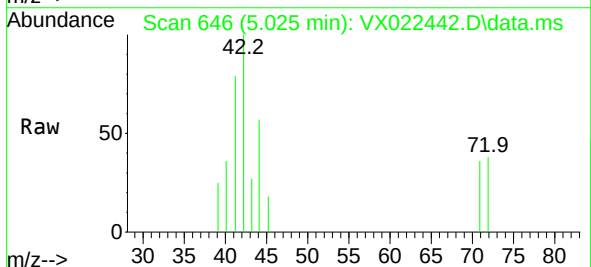
Instrument :
MSVOA_X
ClientSampled :

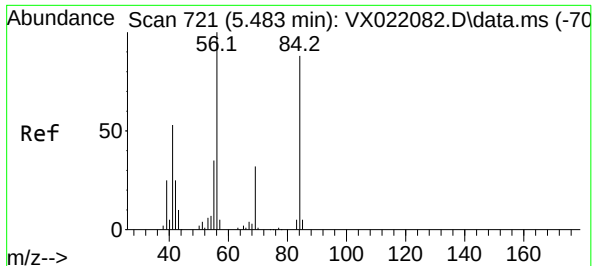
Tgt Ion: 43 Resp: 2516
Ion Ratio Lower Upper
43 100
72 25.7 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.913 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.012 min
Lab File: VX022442.D
Acq: 05 Jun 2021 03:13

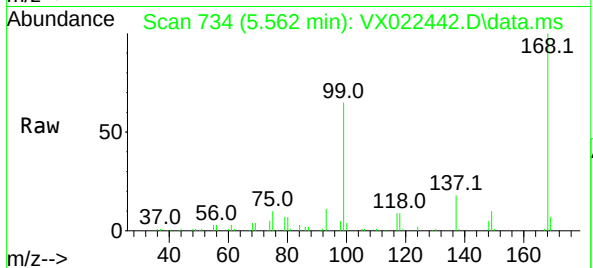
Tgt Ion: 42 Resp: 389
Ion Ratio Lower Upper
42 100
72 59.9 41.7 62.5
71 39.3 38.4 57.6



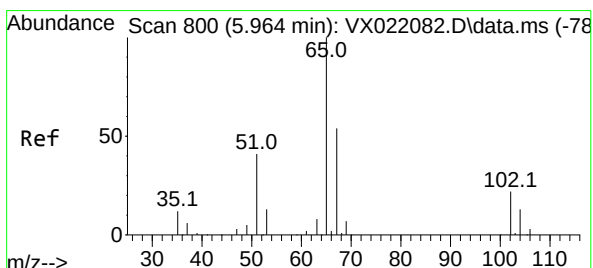
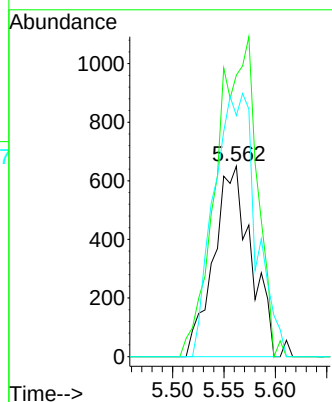
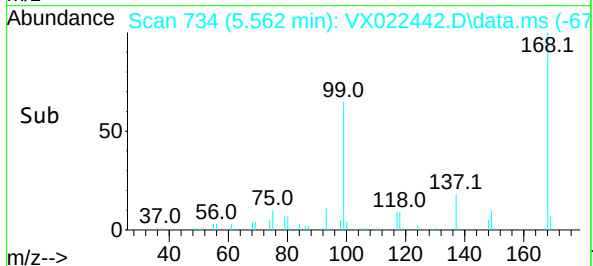


#31
Cyclohexane
Concen: 1.279 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022442.D
Acq: 05 Jun 2021 03:13

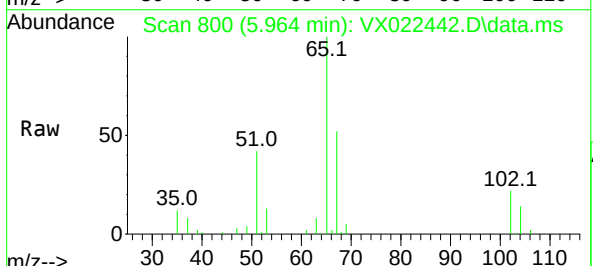
Instrument :
MSVOA_X
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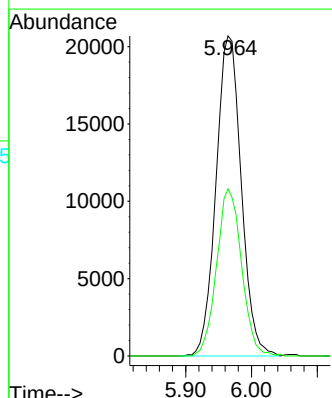
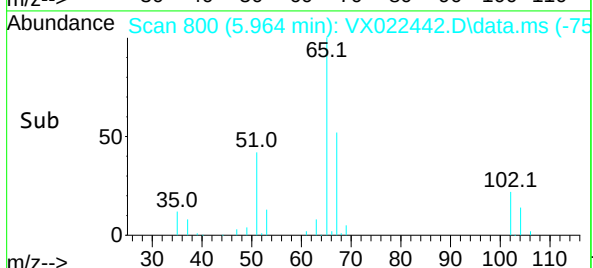
Tgt Ion: 56 Resp: 1634
Ion Ratio Lower Upper
56 100
69 147.8 25.3 37.9#
84 126.6 71.4 107.0#

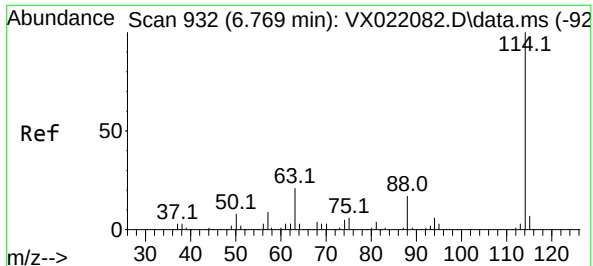


#33
1,2-Dichloroethane-d4
Concen: 54.367 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022442.D
Acq: 05 Jun 2021 03:13



Tgt Ion: 65 Resp: 55258
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.4

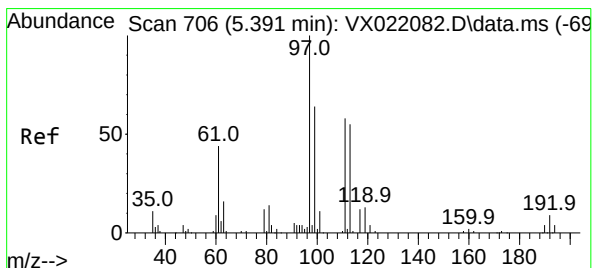
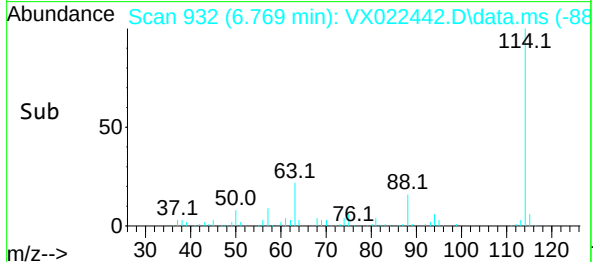
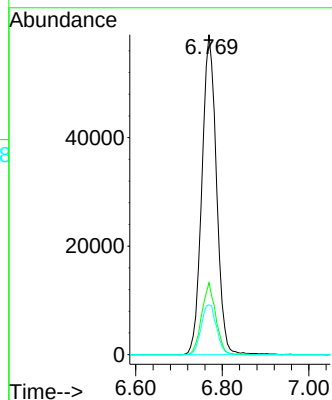
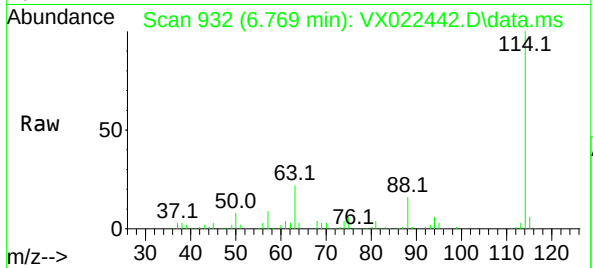




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022442.D
Acq: 05 Jun 2021 03:13

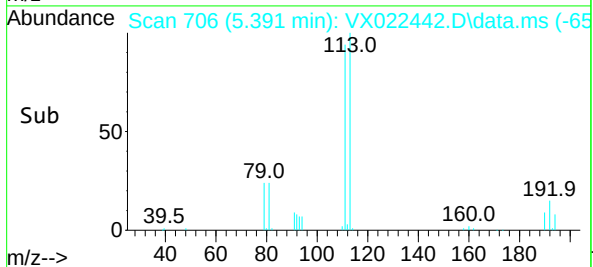
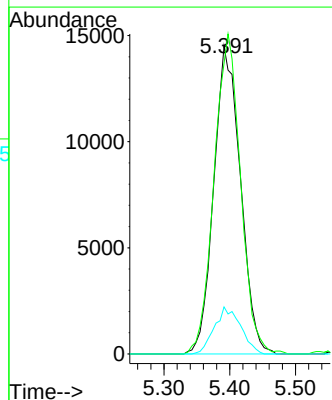
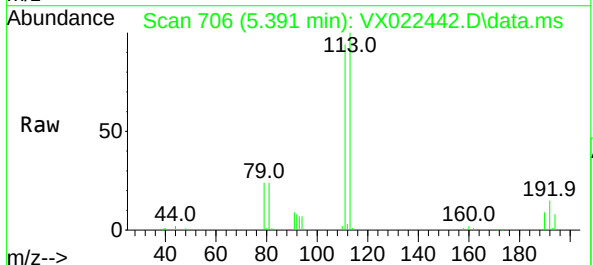
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MSVOA_X
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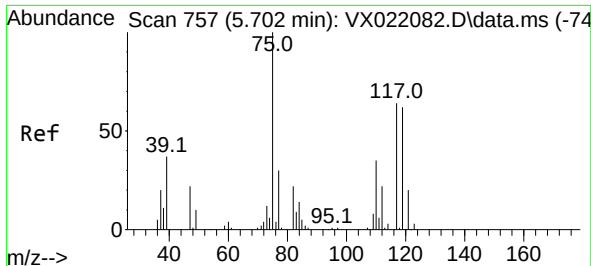
Tgt Ion:114 Resp: 137922
Ion Ratio Lower Upper
114 100
63 22.5 0.0 40.8
88 15.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.792 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022442.D
Acq: 05 Jun 2021 03:13

Tgt Ion:113 Resp: 40926
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 15.0 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.170 ug/l

RT: 5.562 min Scan# 734

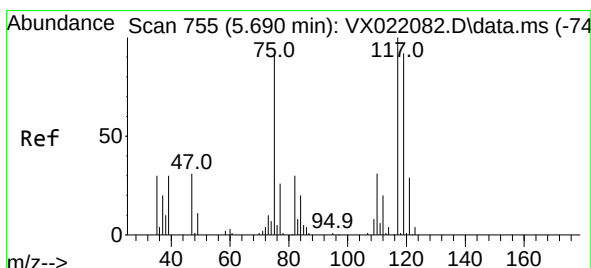
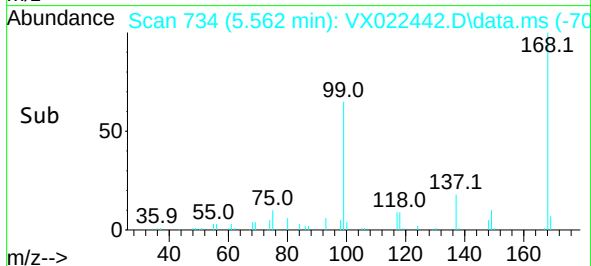
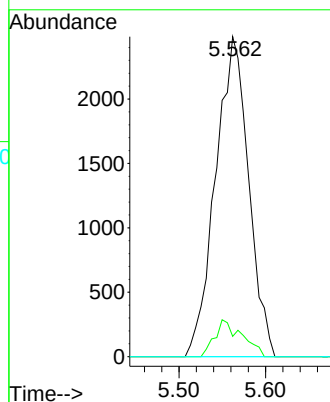
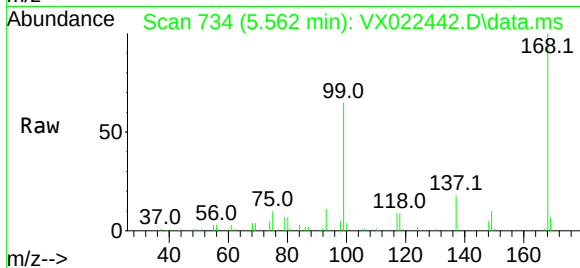
Delta R.T. -0.140 min

Lab File: VX022442.D

Acq: 05 Jun 2021 03:13

Tgt Ion:	75	Resp:	6593
Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.077 ug/l

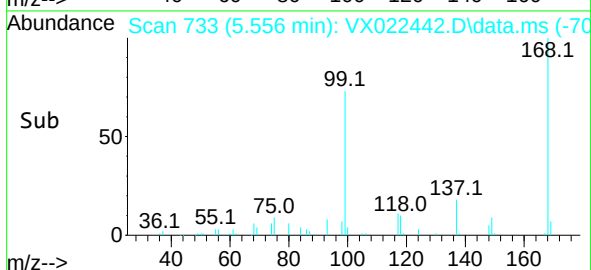
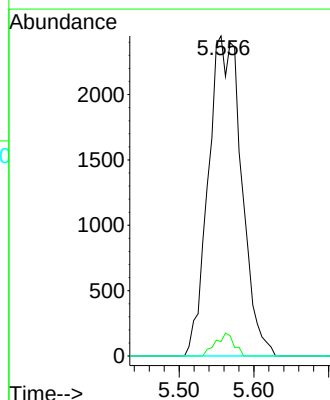
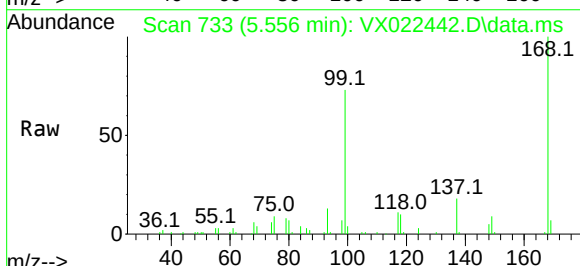
RT: 5.556 min Scan# 733

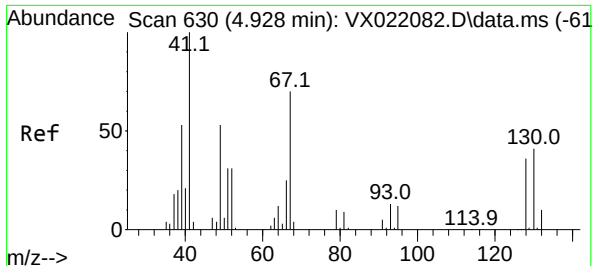
Delta R.T. -0.134 min

Lab File: VX022442.D

Acq: 05 Jun 2021 03:13

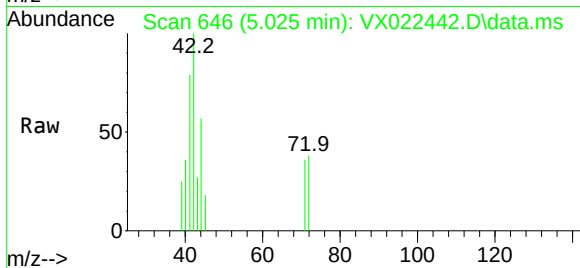
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Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.2	114.2#
121	0.0	24.8	37.2#



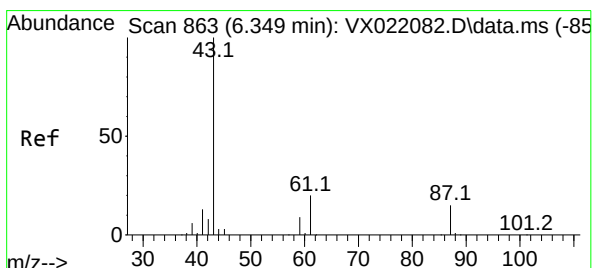
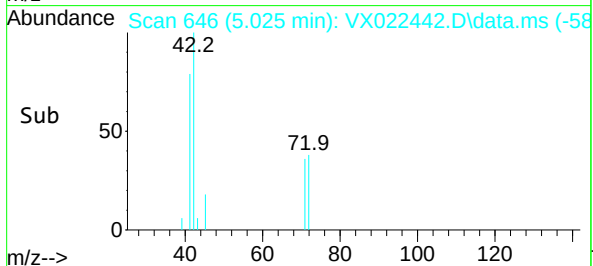
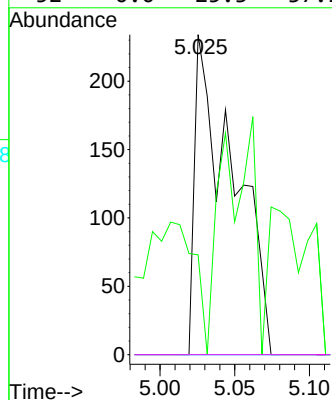


#41
Methacrylonitrile
Concen: 0.499 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.097 min
Lab File: VX022442.D
Acq: 05 Jun 2021 03:13

Instrument :
MSVOA_X
ClientSampled :

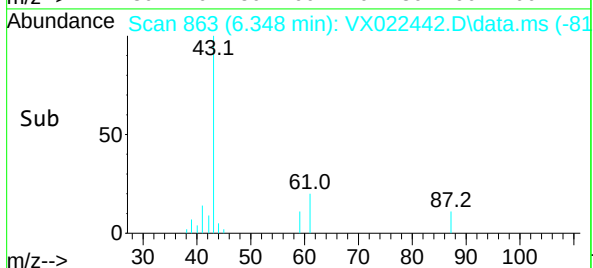
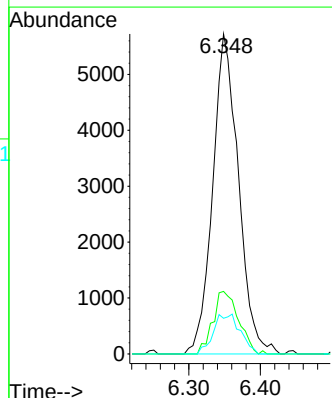
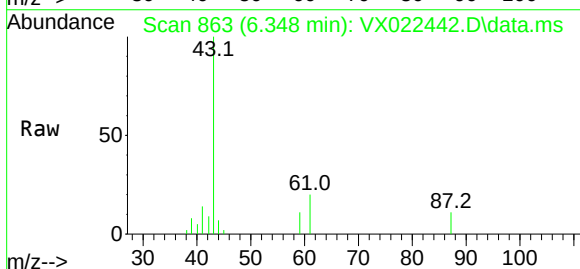


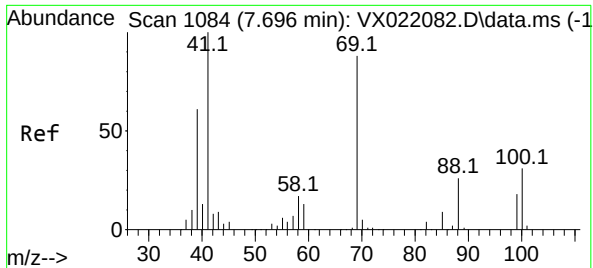
Tgt Ion:	41	Resp:	417
Ion	Ratio	Lower	Upper
41	100		
39	44.8	42.5	63.7
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#43
Isopropyl Acetate
Concen: 5.601 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.001 min
Lab File: VX022442.D
Acq: 05 Jun 2021 03:13

Tgt Ion:	43	Resp:	14322
Ion	Ratio	Lower	Upper
43	100		
61	19.5	18.2	27.4
87	12.9	12.5	18.7

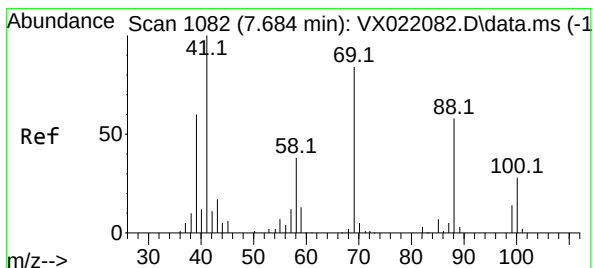
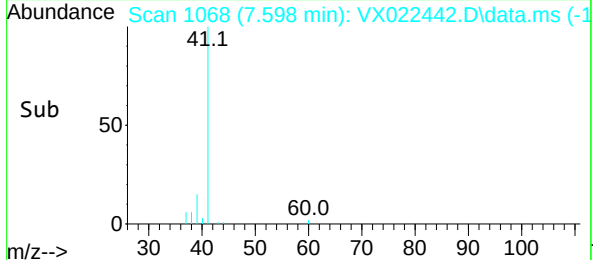
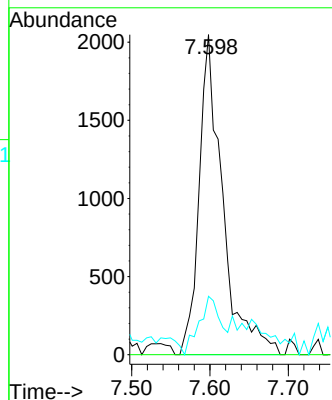
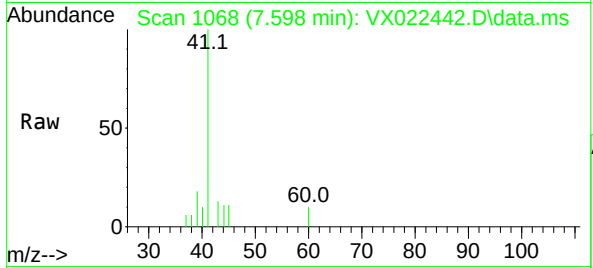




#48
Methyl methacrylate
Concen: 3.642 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022442.D
Acq: 05 Jun 2021 03:13

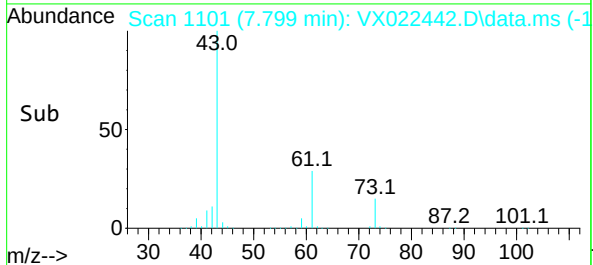
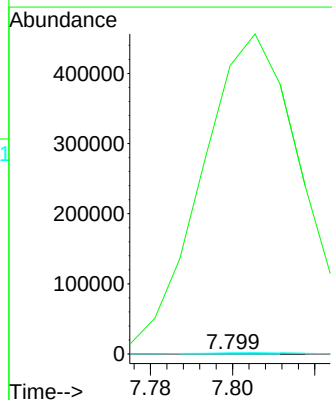
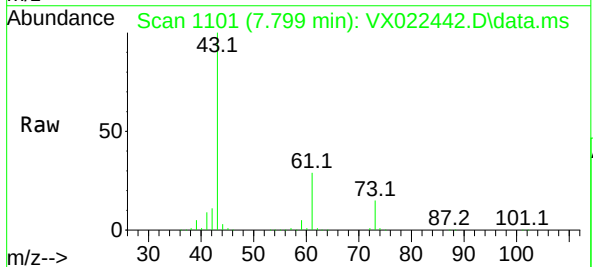
Instrument :
MSVOA_X
ClientSampled :

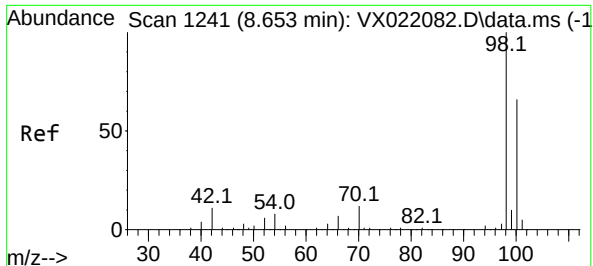
Tgt Ion: 41 Resp: 4292
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 1.090 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.115 min
Lab File: VX022442.D
Acq: 05 Jun 2021 03:13

Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 3177700.0 23.2 34.8#
58 12920.0 55.0 82.4#

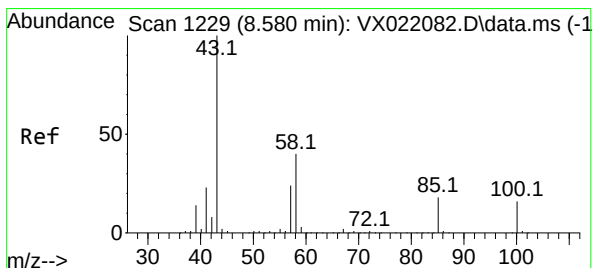
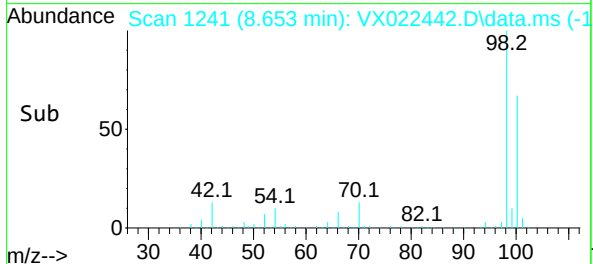
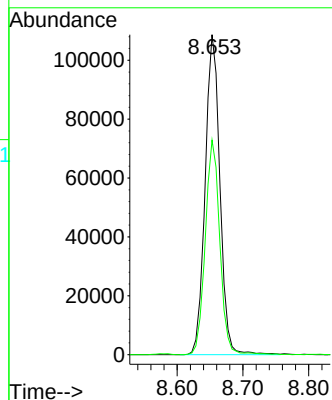
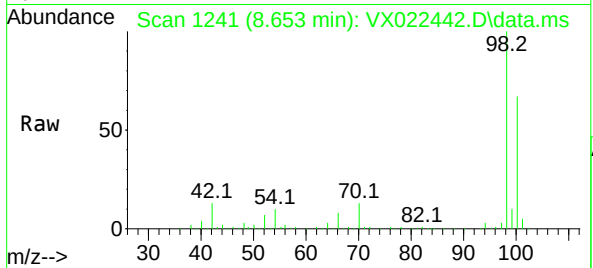




#50
Toluene-d8
Concen: 50.351 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022442.D
Acq: 05 Jun 2021 03:13

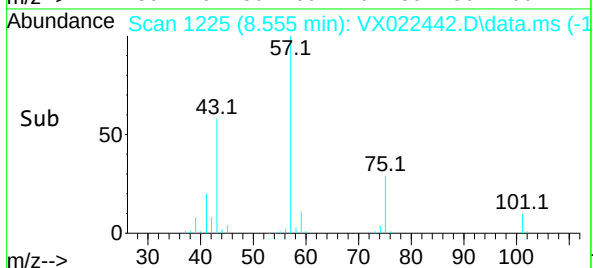
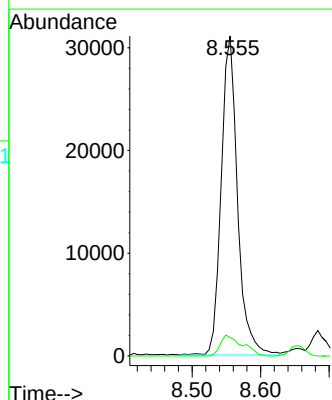
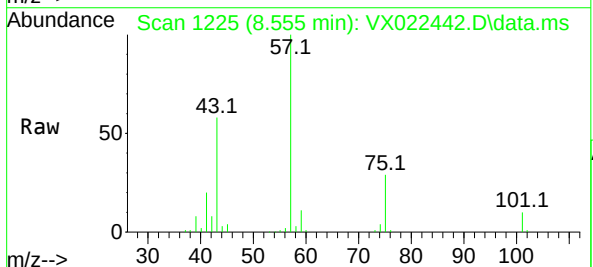
Instrument :
MSVOA_X
ClientSampled :

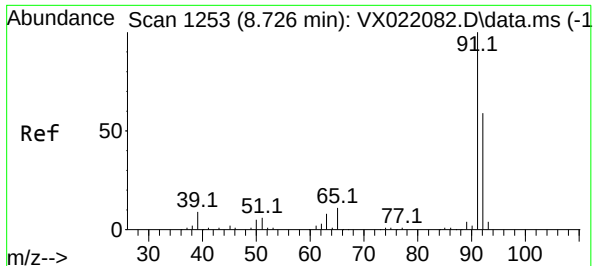
Tgt Ion: 98 Resp: 169642
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 33.401 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022442.D
Acq: 05 Jun 2021 03:13

Tgt Ion: 43 Resp: 51164
Ion Ratio Lower Upper
43 100
58 8.8 35.4 53.0#

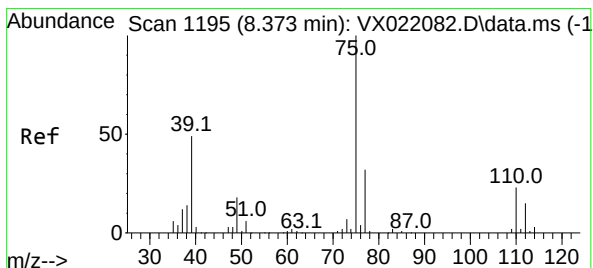
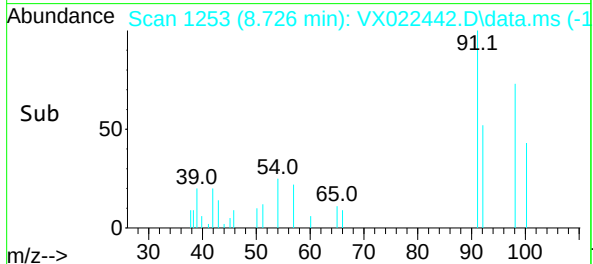
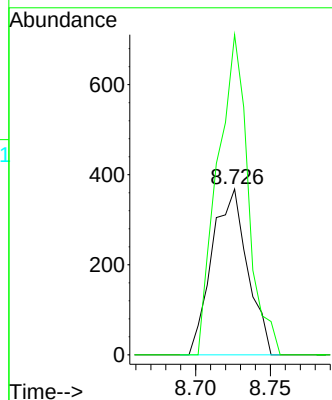
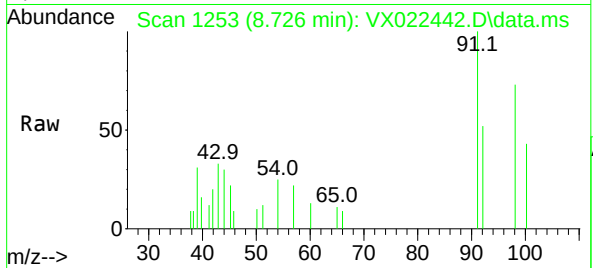




#52
Toluene
Concen: 0.245 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.000 min
Lab File: VX022442.D
Acq: 05 Jun 2021 03:13

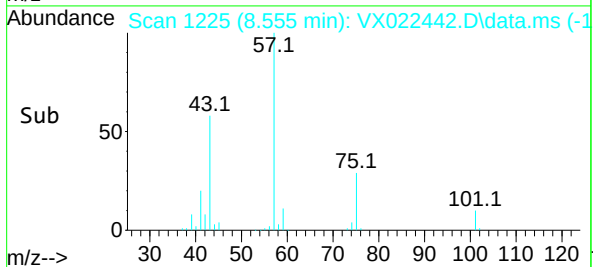
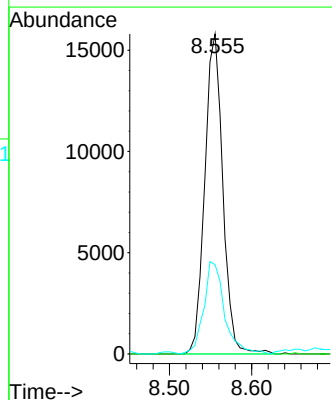
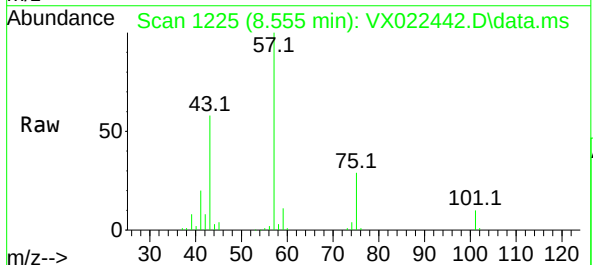
Instrument :
MSVOA_X
ClientSampleId :

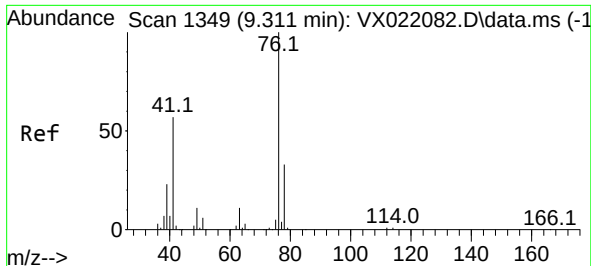
Tgt Ion: 92 Resp: 608
Ion Ratio Lower Upper
92 100
91 166.6 137.1 205.7



#54
cis-1,3-Dichloropropene
Concen: 14.271 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022442.D
Acq: 05 Jun 2021 03:13

Tgt Ion: 75 Resp: 24068
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 27.9 35.1 52.7#



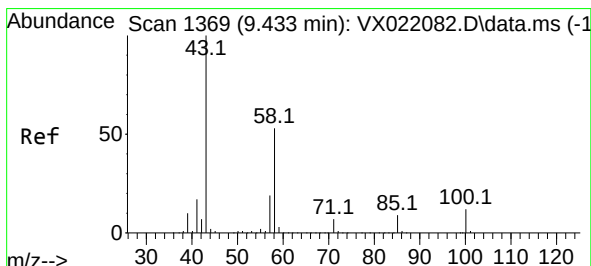
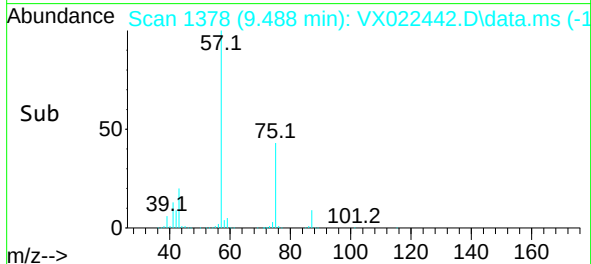
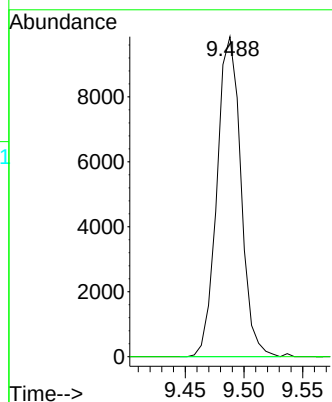
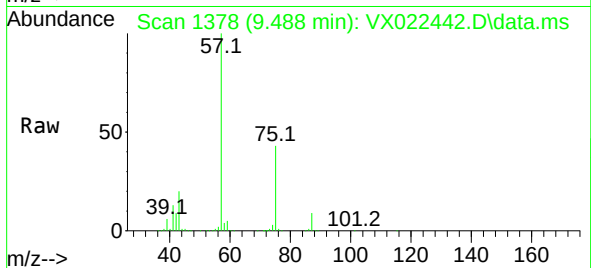


#57

1,3-Dichloropropane
Concen: 8.108 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022442.D
Acq: 05 Jun 2021 03:13

Instrument :
MSVOA_X
ClientSampled :

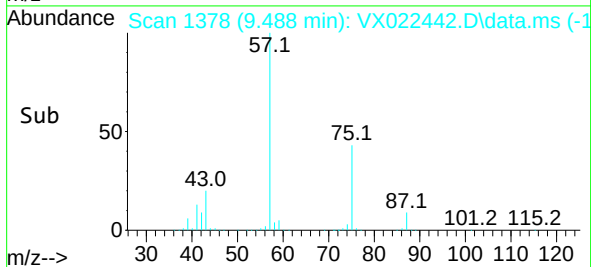
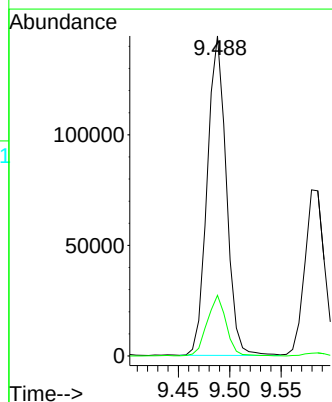
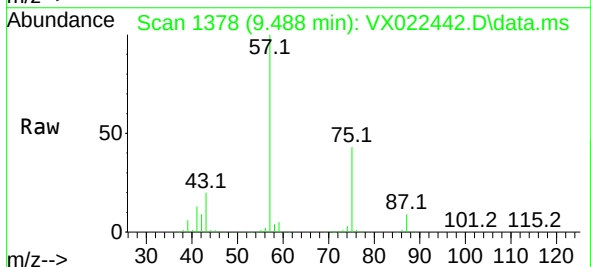
Tgt Ion: 76 Resp: 13965
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

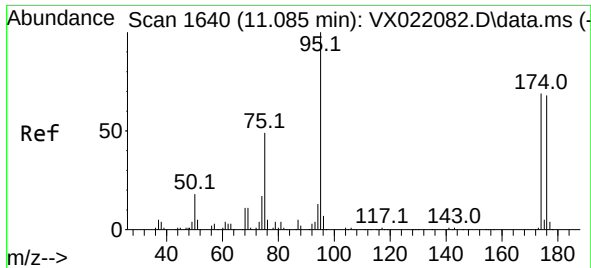


#59

2-Hexanone
Concen: 161.907 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022442.D
Acq: 05 Jun 2021 03:13

Tgt Ion: 43 Resp: 186528
Ion Ratio Lower Upper
43 100
58 19.0 30.9 92.8#

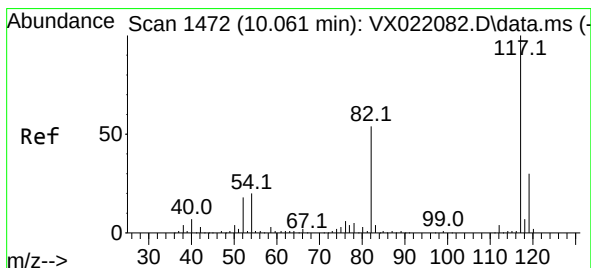
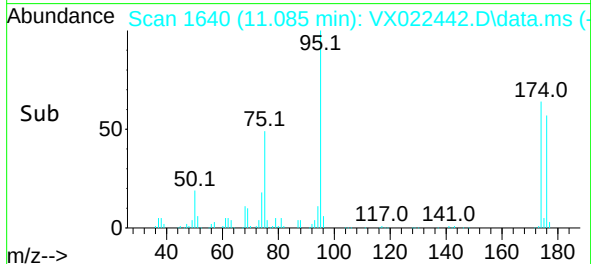
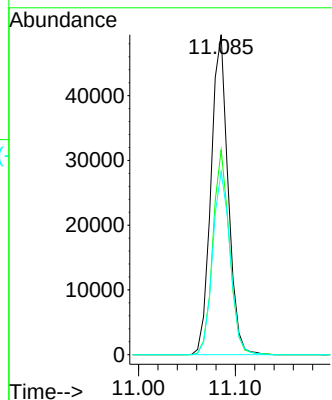
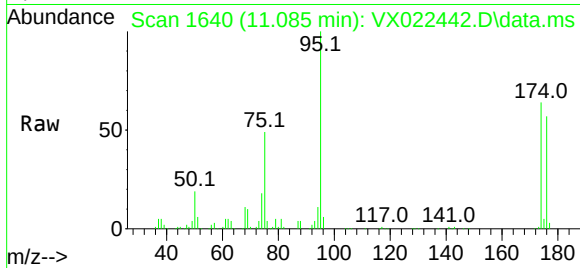




#62
4-Bromofluorobenzene
Concen: 48.817 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022442.D
Acq: 05 Jun 2021 03:13

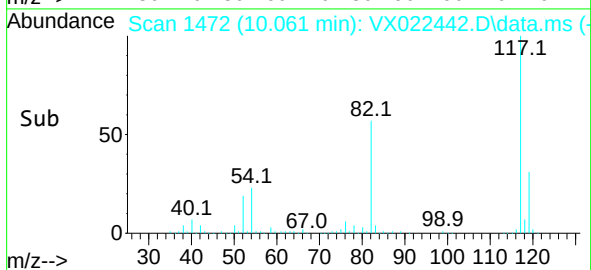
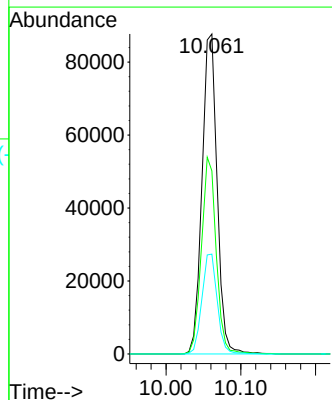
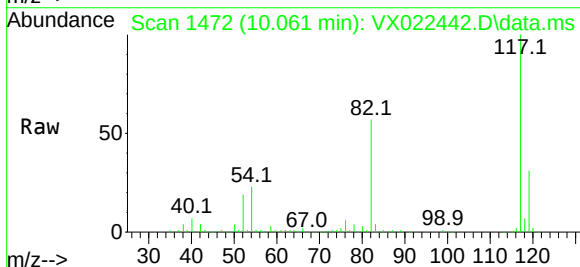
Instrument :
MSVOA_X
ClientSampleId :

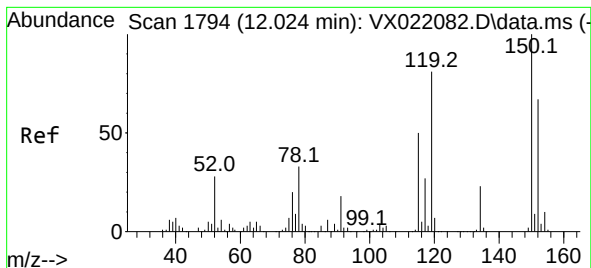
Tgt Ion: 95 Resp: 60793
Ion Ratio Lower Upper
95 100
174 62.1 0.0 154.6
176 58.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022442.D
Acq: 05 Jun 2021 03:13

Tgt Ion: 117 Resp: 123187
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.2
119 31.2 26.6 39.8

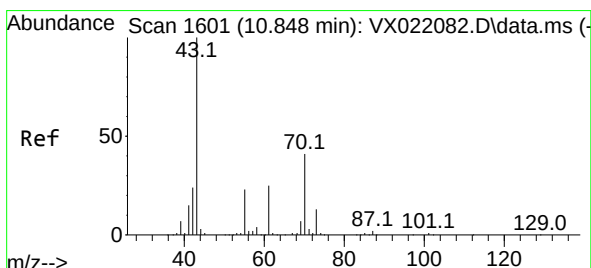
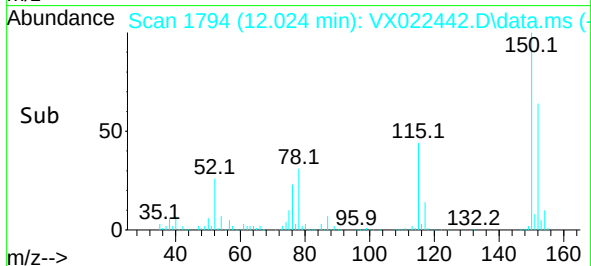
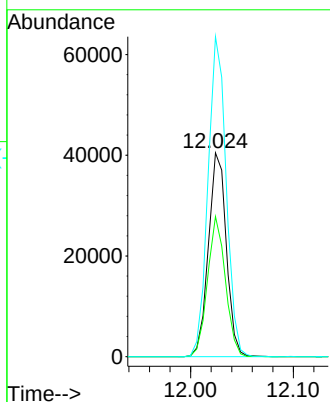
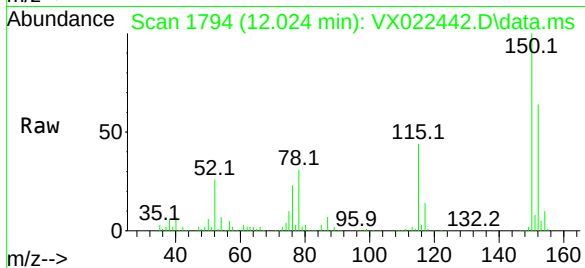




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022442.D
Acq: 05 Jun 2021 03:13

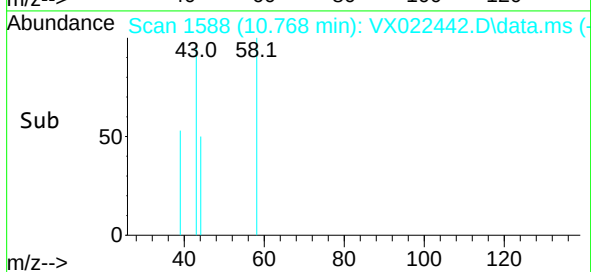
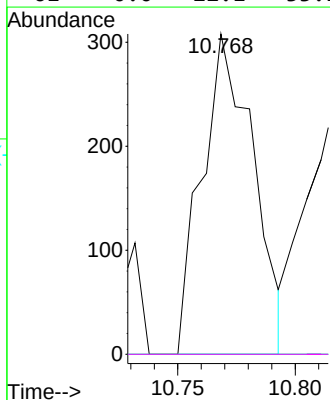
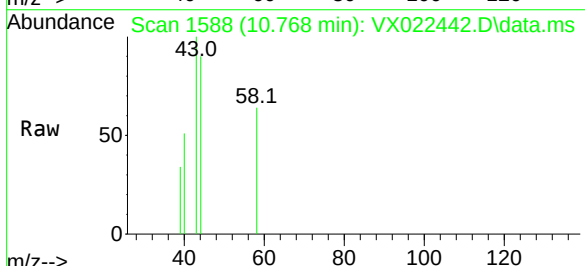
Instrument :
MSVOA_X
ClientSampleId :

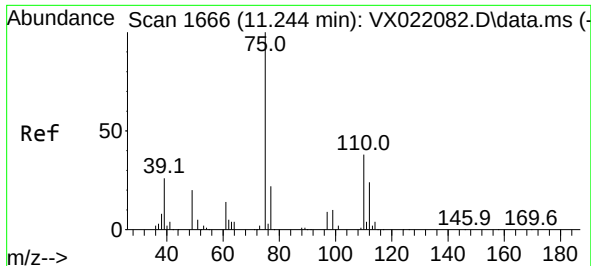
Tgt Ion:152 Resp: 49040
Ion Ratio Lower Upper
152 100
115 68.4 41.1 123.3
150 158.7 0.0 349.0



#74
N-ethyl acetate
Concen: 0.239 ug/l
RT: 10.768 min Scan# 1588
Delta R.T. -0.080 min
Lab File: VX022442.D
Acq: 05 Jun 2021 03:13

Tgt Ion: 43 Resp: 470
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 0.0 21.5 32.3#
61 0.0 22.1 33.1#

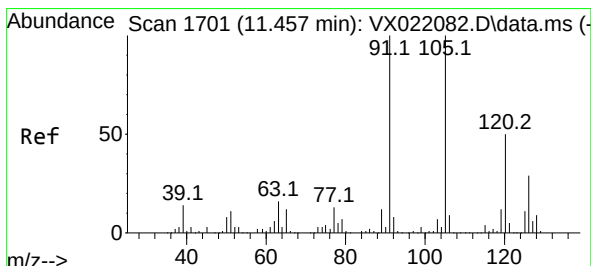
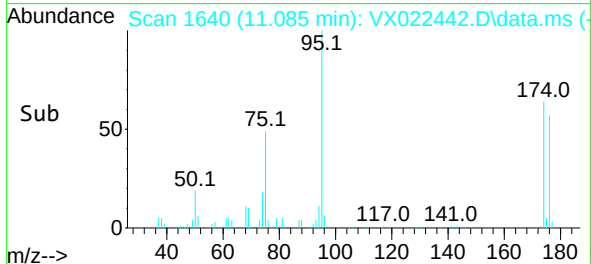
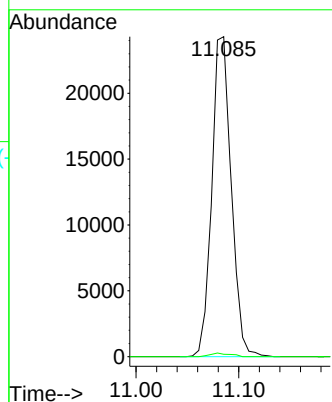
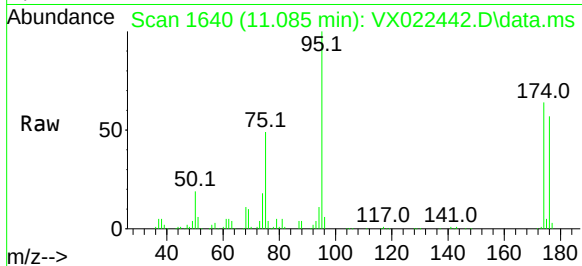




#76
1,2,3-Trichloropropane
Concen: 26.415 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022442.D
Acq: 05 Jun 2021 03:13

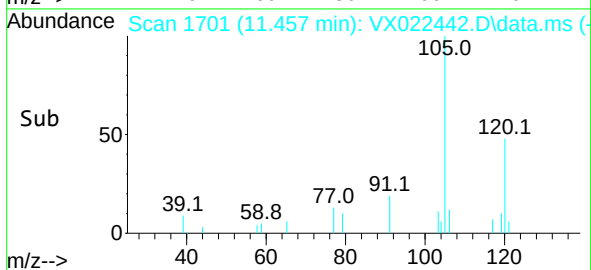
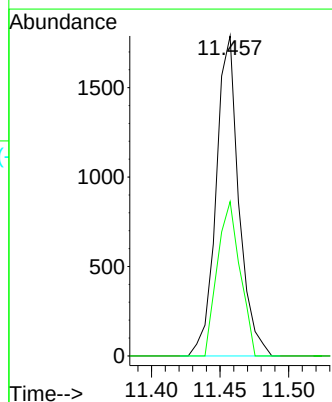
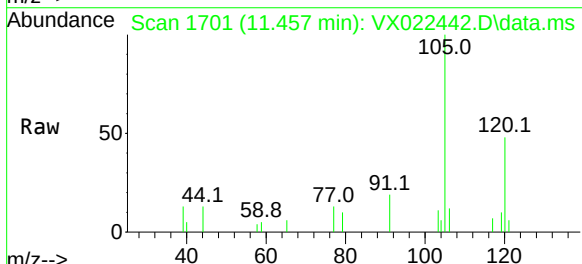
Instrument :
MSVOA_X
ClientSampled :

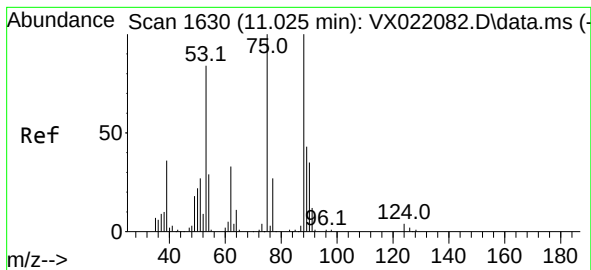
Tgt Ion: 75 Resp: 31958
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.600 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022442.D
Acq: 05 Jun 2021 03:13

Tgt Ion:105 Resp: 2064
Ion Ratio Lower Upper
105 100
120 47.9 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 62.587 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.060 min

Lab File: VX022442.D

Acq: 05 Jun 2021 03:13

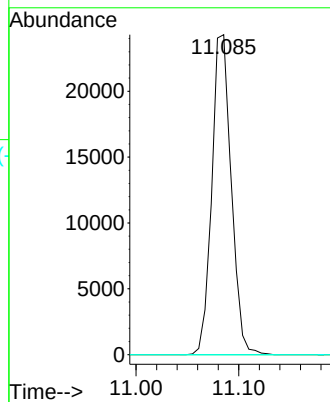
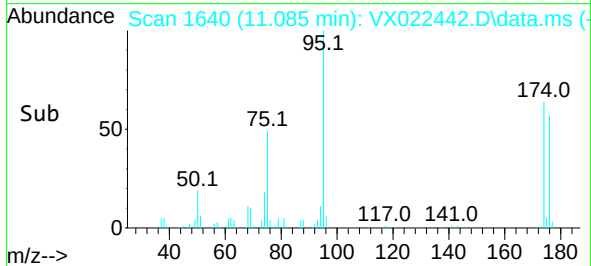
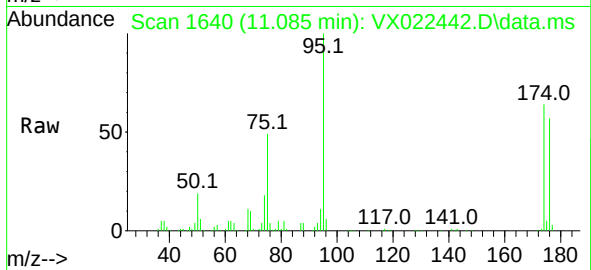
Tgt Ion: 75 Resp: 31958

Ion Ratio Lower Upper

75 100

53 0.0 74.5 111.7#

89 0.0 37.9 56.9#



Instrument :
MSVOA_X
ClientSampleId :