

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
 Data File : VX023065.D
 Acq On : 01 Jul 2021 04:40
 Operator : JC/MD
 Sample : M2829-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 01 07:05:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

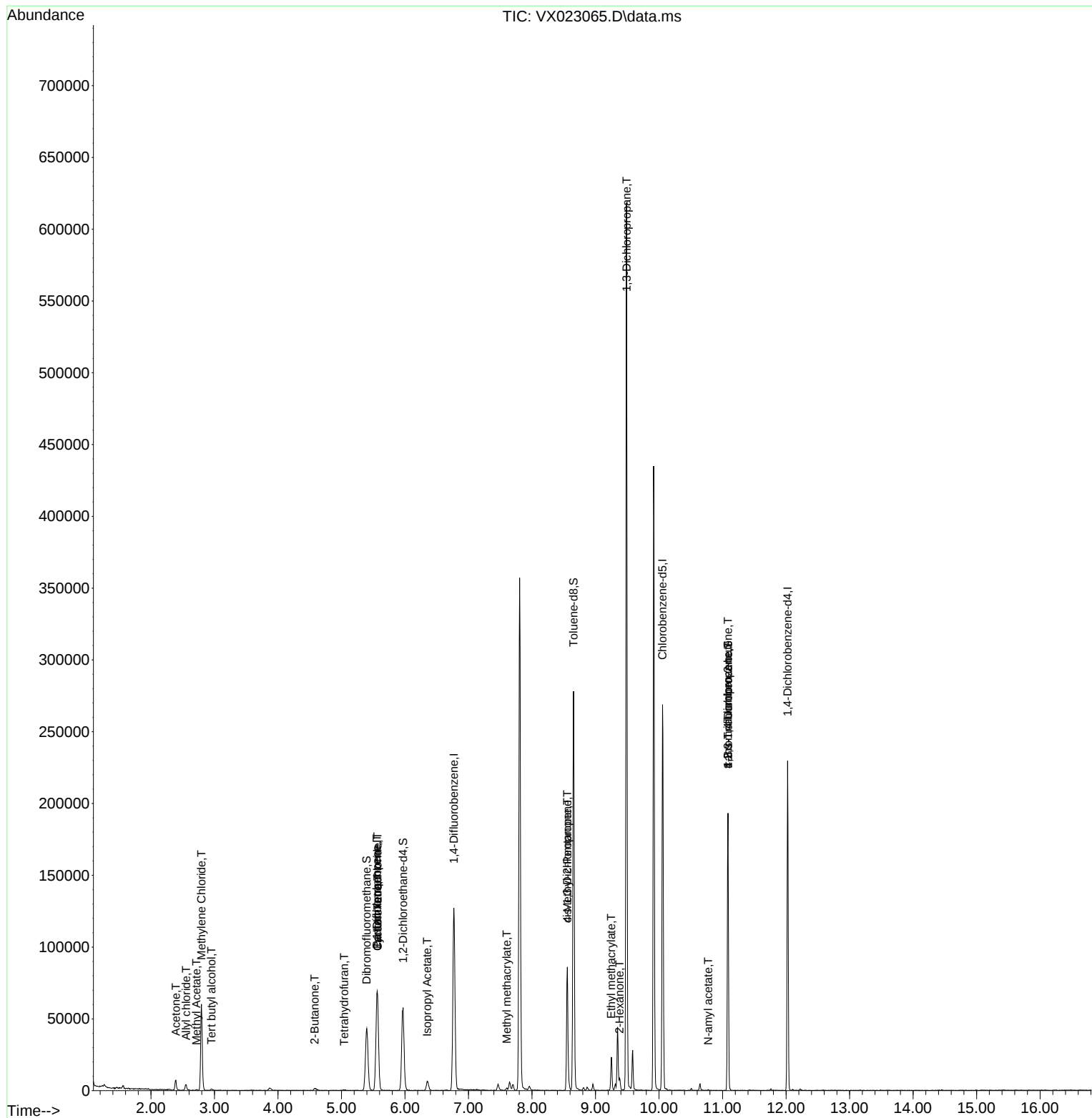
Internal Standards						
1) Pentafluorobenzene	5.556	168	55364	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	118046	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	103419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	54894	54.635	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.260%
35) Dibromofluoromethane	5.397	113	37281	49.733	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.460%
50) Toluene-d8	8.653	98	149388	50.849	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.700%
62) 4-Bromofluorobenzene	11.085	95	50074	45.669	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.340%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	603	2.880	ug/l	# 73
14) Allyl chloride	2.556	41	530	0.388	ug/l	# 43
16) Acetone	2.392	43	7693	17.271	ug/l	# 87
18) Methyl Acetate	2.715	43	610	0.556	ug/l	# 68
20) Methylene Chloride	2.794	84	23980	27.314	ug/l	# 82
25) 2-Butanone	4.574	43	1423	2.054	ug/l	# 83
29) Tetrahydrofuran	5.044	42	232	0.521	ug/l	# 42
31) Cyclohexane	5.568	56	1795	1.265	ug/l	# 25
36) 1,1-Dichloropropene	5.556	75	6336	5.053	ug/l	# 47
38) Carbon Tetrachloride	5.568	117	7061	6.714	ug/l	# 17
43) Isopropyl Acetate	6.348	43	8488	3.635	ug/l	# 90
48) Methyl methacrylate	7.604	41	2172	2.010	ug/l	# 10
51) 4-Methyl-2-Pentanone	8.555	43	31659	21.785	ug/l	# 44
54) cis-1,3-Dichloropropene	8.555	75	12648	10.150	ug/l	# 70
56) Ethyl methacrylate	9.244	69	54	2.611	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	4817	3.022	ug/l	# 42
59) 2-Hexanone	9.378	43	4610	4.181	ug/l	# 19
74) N-amyl acetate	10.774	43	225	2.172	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	29156	28.726	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	29156	73.998	ug/l	# 12

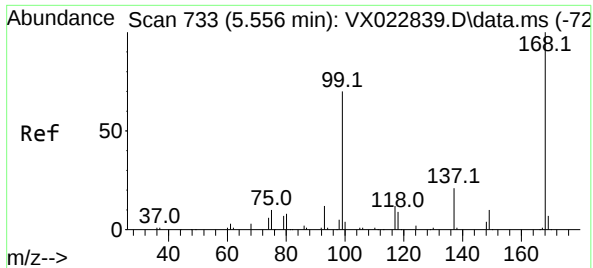
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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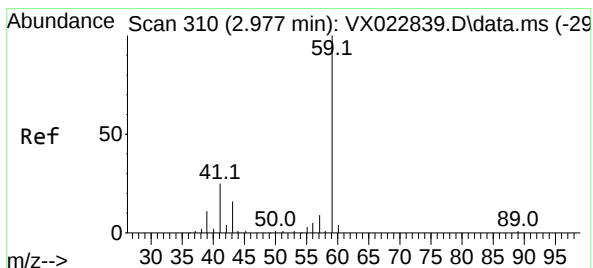
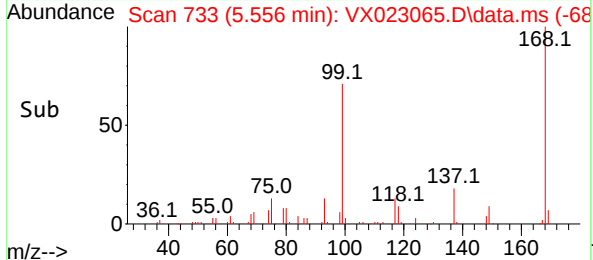
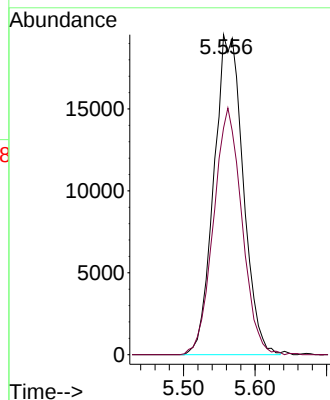
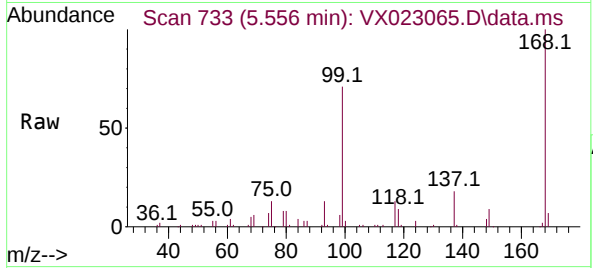




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX023065.D
Acq: 01 Jul 2021 04:40

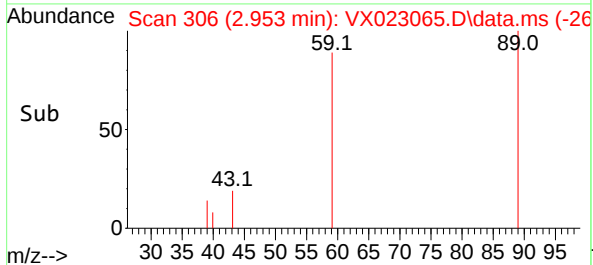
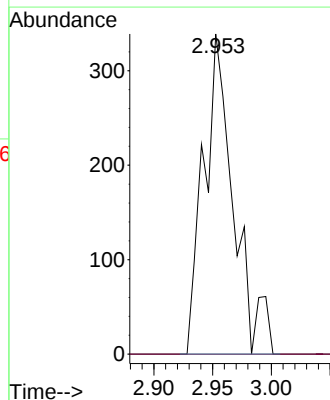
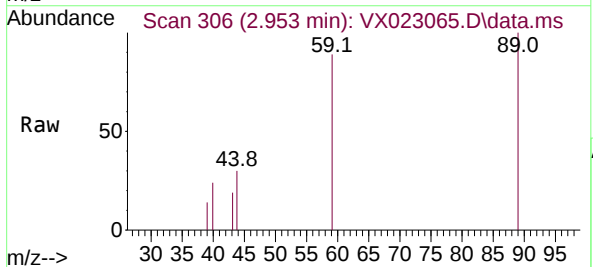
Instrument :
MSVOA_X
ClientSampleId :

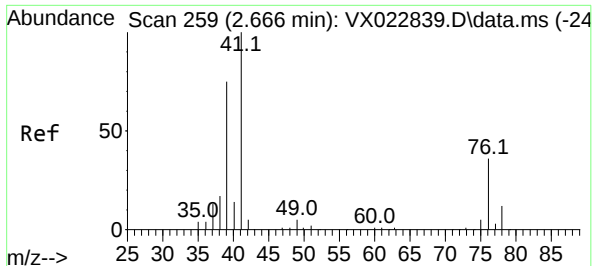
Tgt Ion:168 Resp: 55364
Ion Ratio Lower Upper
168 100
99 70.8 45.8 68.6#



#11
Tert butyl alcohol
Concen: 2.880 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX023065.D
Acq: 01 Jul 2021 04:40

Tgt Ion: 59 Resp: 603
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#14

Allyl chloride

Concen: 0.388 ug/l

RT: 2.556 min Scan# 241

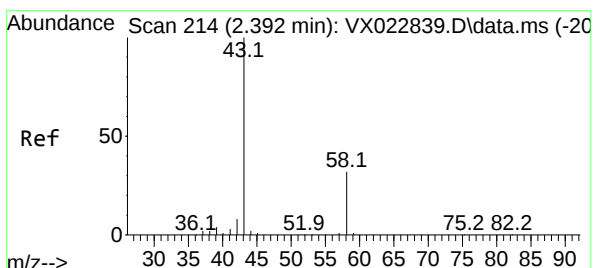
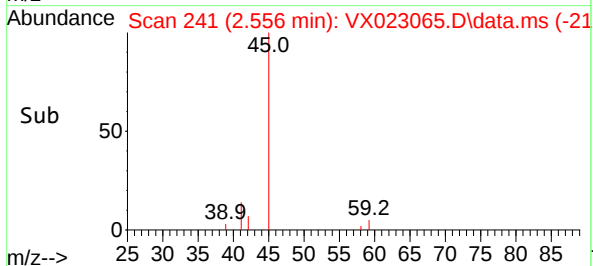
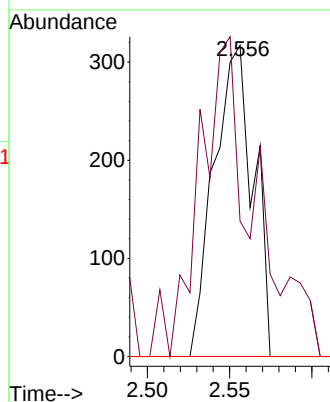
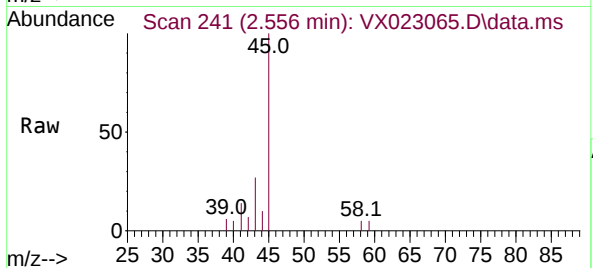
Delta R.T. -0.110 min

Lab File: VX023065.D

Acq: 01 Jul 2021 04:40

Tgt Ion: 41	Resp: 530
Ion Ratio	Lower Upper
41 100	
39 106.6	51.6 77.4#
76 0.0	30.5 45.7#

Instrument :
MSVOA_X
ClientSampled :



#16

Acetone

Concen: 17.271 ug/l

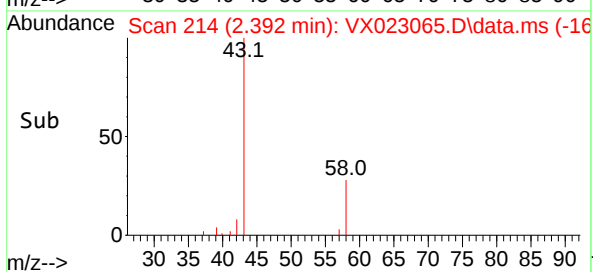
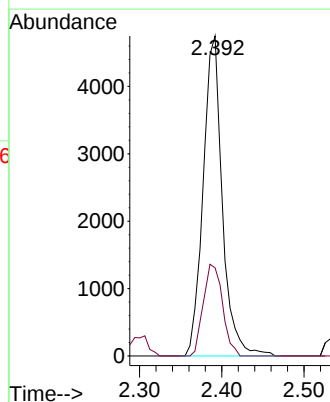
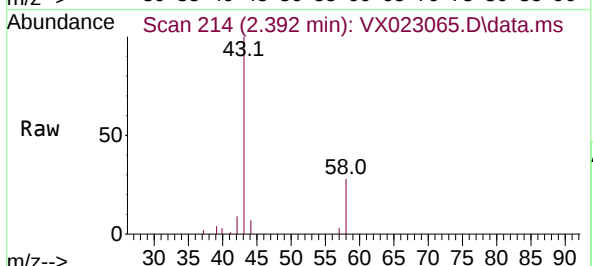
RT: 2.392 min Scan# 214

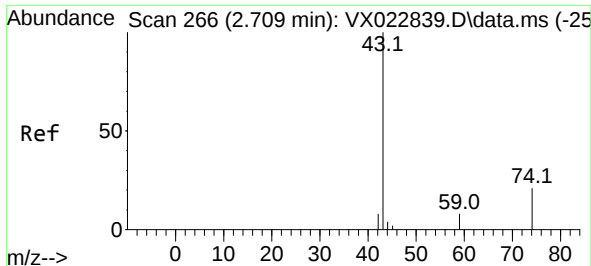
Delta R.T. -0.000 min

Lab File: VX023065.D

Acq: 01 Jul 2021 04:40

Tgt Ion: 43	Resp: 7693
Ion Ratio	Lower Upper
43 100	
58 27.5	27.8 41.8#





#18

Methyl Acetate

Concen: 0.556 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.006 min

Lab File: VX023065.D

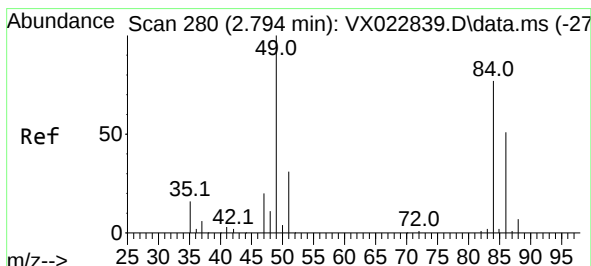
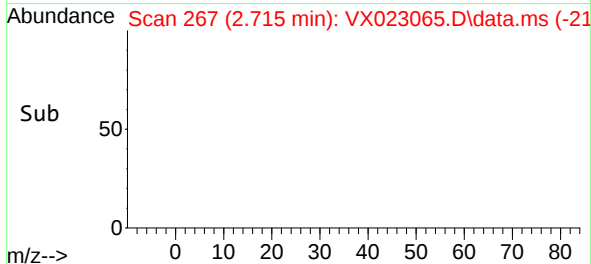
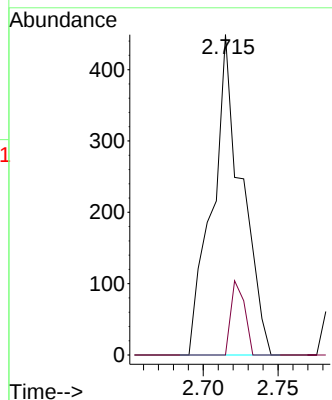
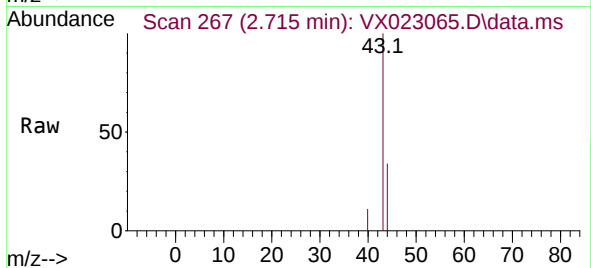
Acq: 01 Jul 2021 04:40

Tgt Ion: 43 Resp: 610

Ion Ratio Lower Upper

43 100

74 10.8 21.9 32.9#



#20

Methylene Chloride

Concen: 27.314 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX023065.D

Acq: 01 Jul 2021 04:40

Tgt Ion: 84 Resp: 23980

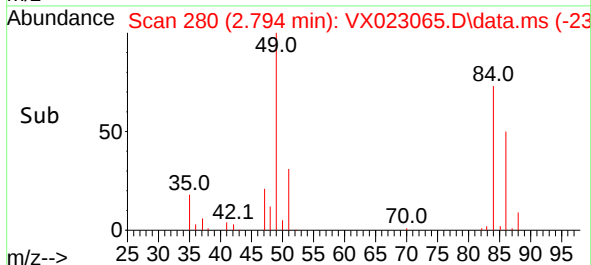
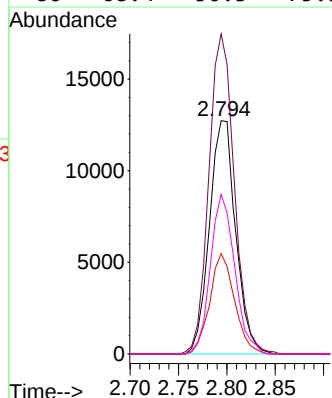
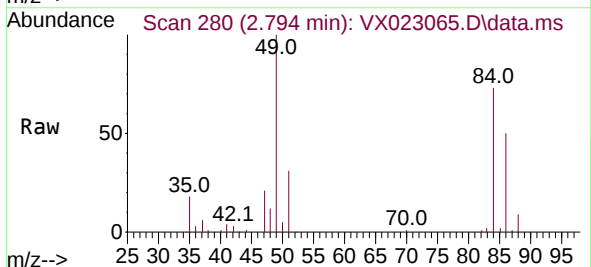
Ion Ratio Lower Upper

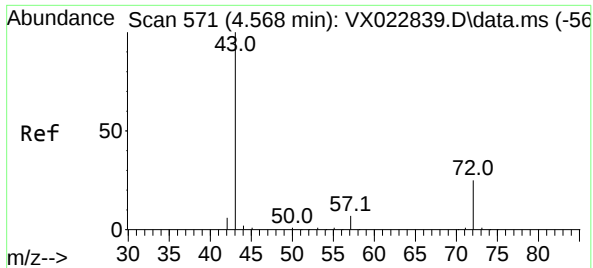
84 100

49 137.2 88.6 132.8#

51 43.0 27.0 40.6#

86 68.4 50.3 75.5

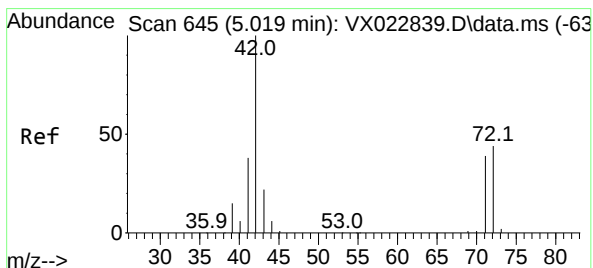
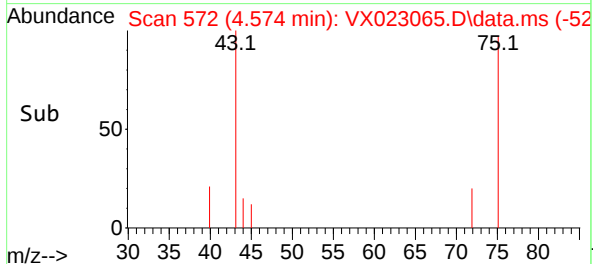
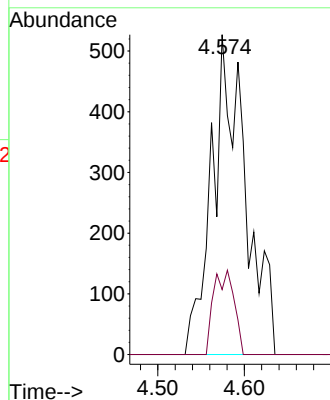
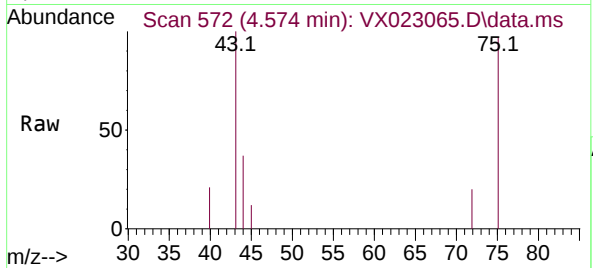




#25
2-Butanone
Concen: 2.054 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023065.D
Acq: 01 Jul 2021 04:40

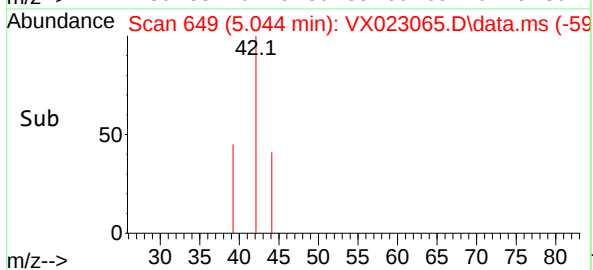
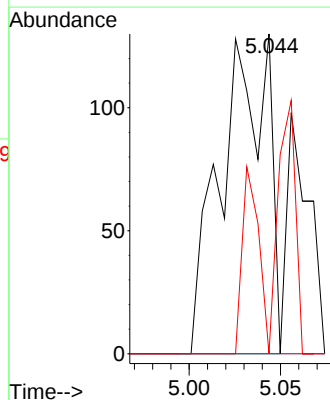
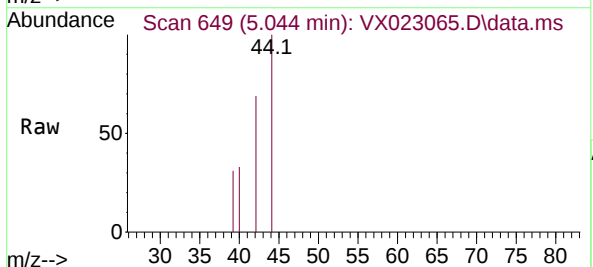
Instrument :
MSVOA_X
ClientSampled :

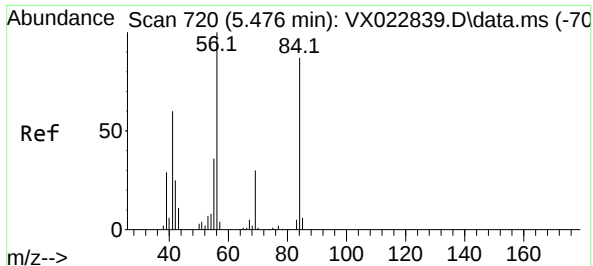
Tgt Ion: 43 Resp: 1423
Ion Ratio Lower Upper
43 100
72 20.3 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.521 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.025 min
Lab File: VX023065.D
Acq: 01 Jul 2021 04:40

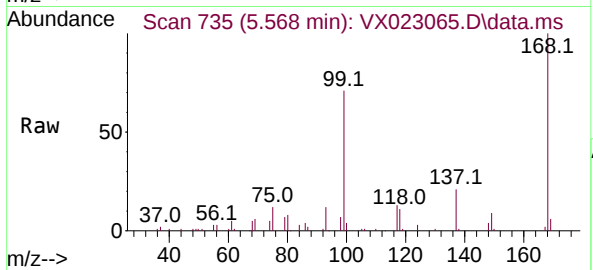
Tgt Ion: 42 Resp: 232
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 20.3 38.4 57.6#



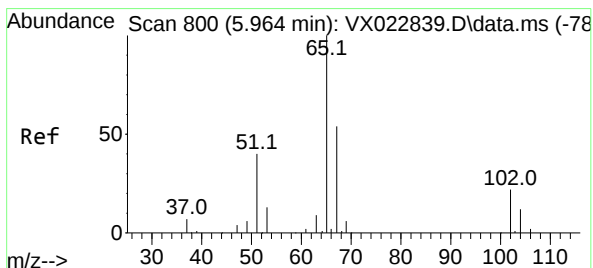
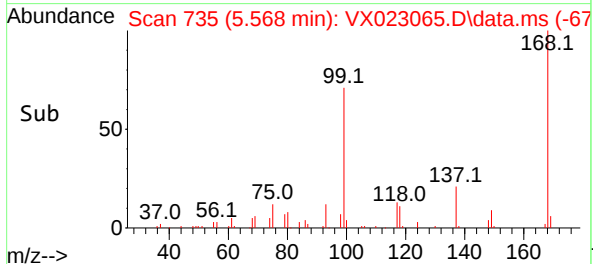
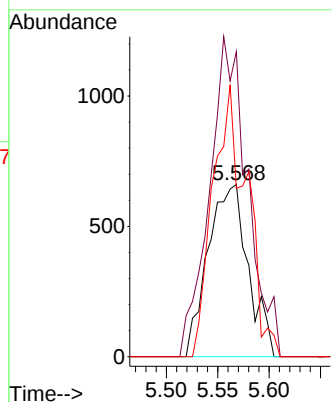


#31
Cyclohexane
Concen: 1.265 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.092 min
Lab File: VX023065.D
Acq: 01 Jul 2021 04:40

Instrument :
MSVOA_X
ClientSampleId :

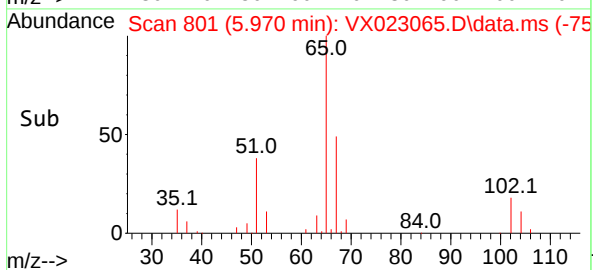
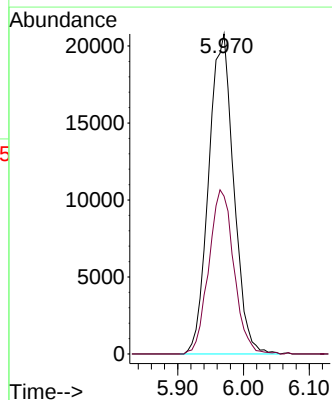
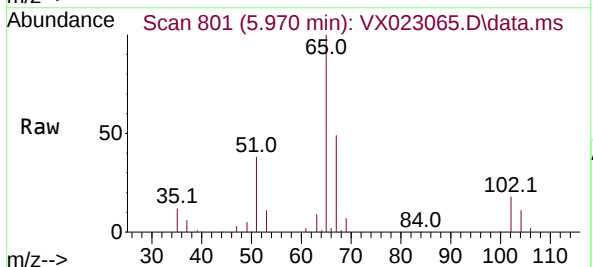


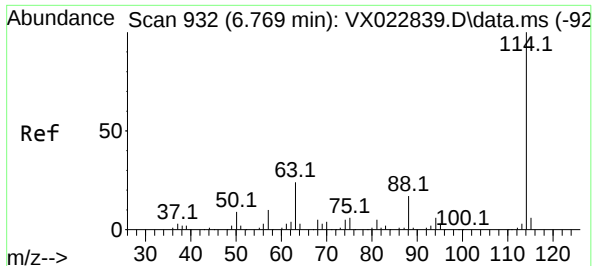
Tgt Ion: 56 Resp: 1795
Ion Ratio Lower Upper
56 100
69 177.2 25.3 37.9#
84 97.7 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 54.635 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX023065.D
Acq: 01 Jul 2021 04:40

Tgt Ion: 65 Resp: 54894
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.4

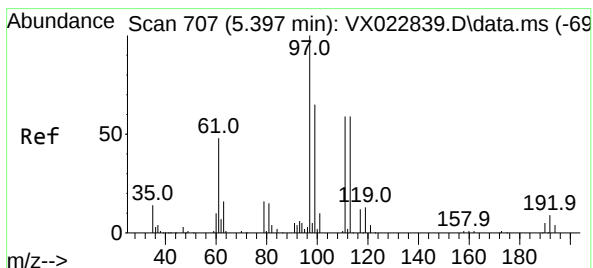
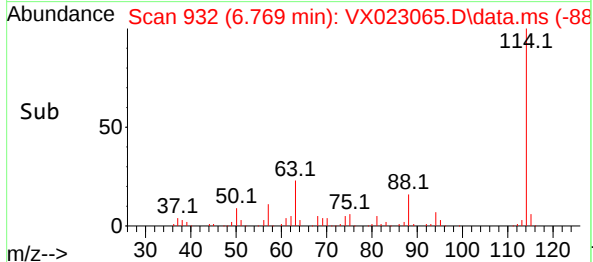
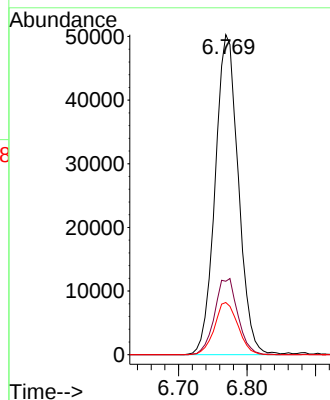
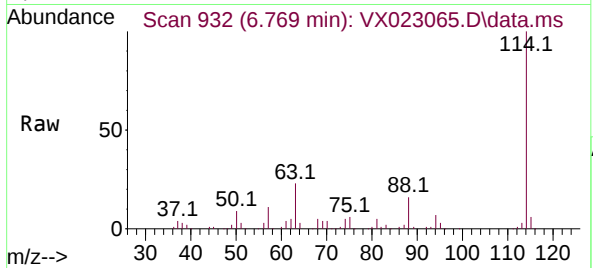




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023065.D
Acq: 01 Jul 2021 04:40

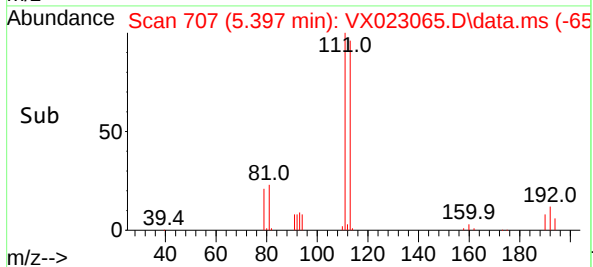
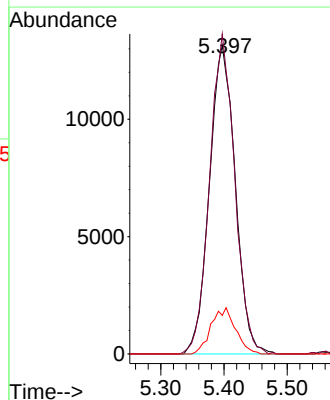
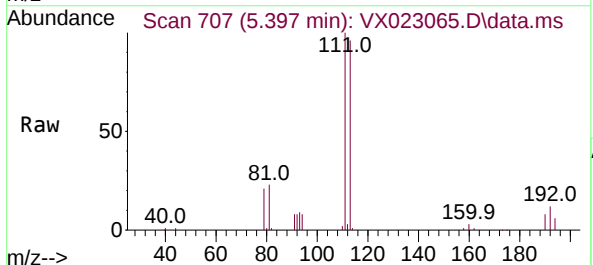
Instrument :
MSVOA_X
ClientSampled :

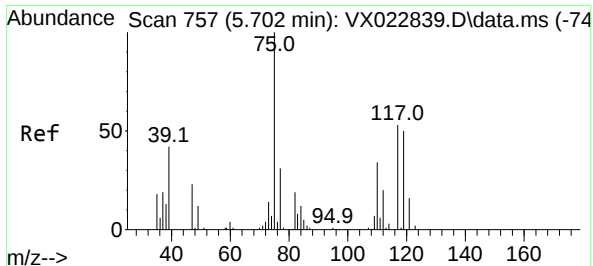
Tgt Ion:114 Resp: 118046
Ion Ratio Lower Upper
114 100
63 23.0 0.0 40.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.733 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023065.D
Acq: 01 Jul 2021 04:40

Tgt Ion:113 Resp: 37281
Ion Ratio Lower Upper
113 100
111 100.6 81.9 122.9
192 14.2 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.053 ug/l

RT: 5.556 min Scan# 733

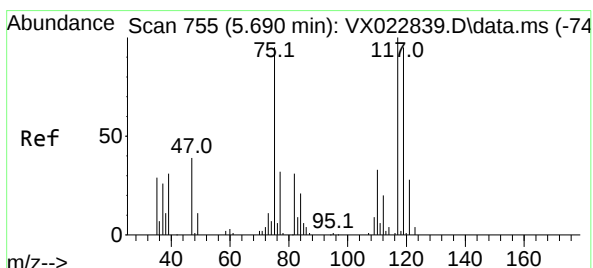
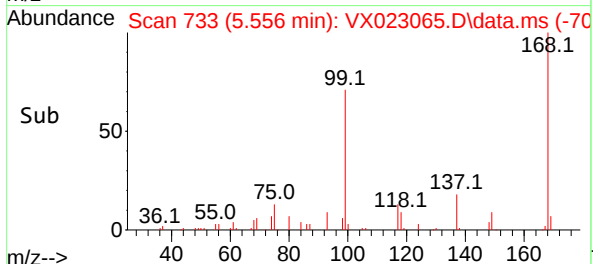
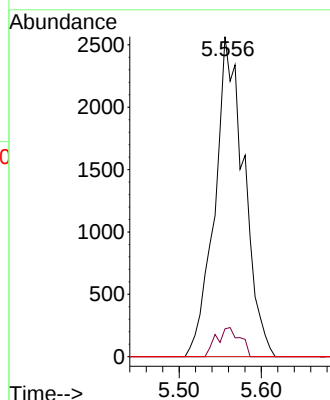
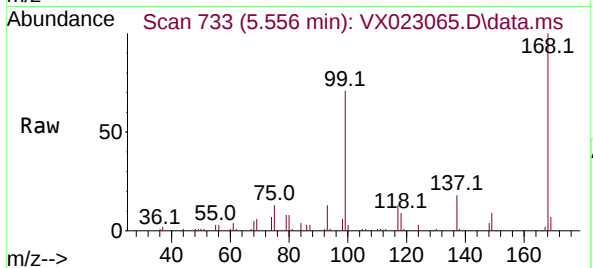
Delta R.T. -0.146 min

Lab File: VX023065.D

Acq: 01 Jul 2021 04:40

Tgt Ion:	75	Resp:	6336
Ion	Ratio	Lower	Upper
75	100		
110	7.3	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.714 ug/l

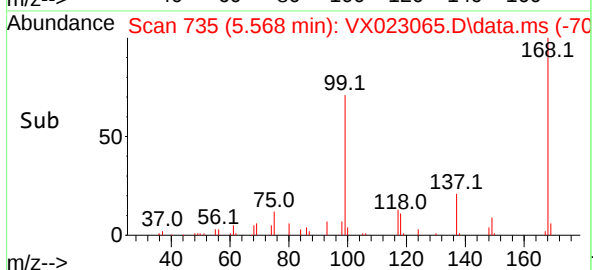
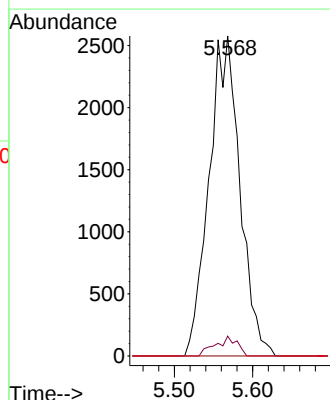
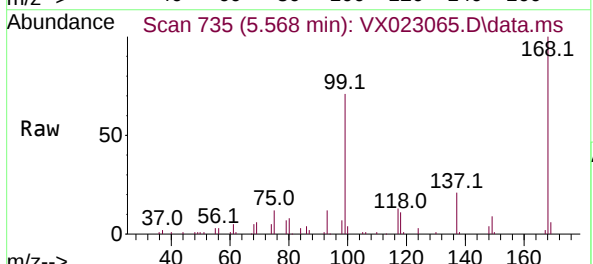
RT: 5.568 min Scan# 735

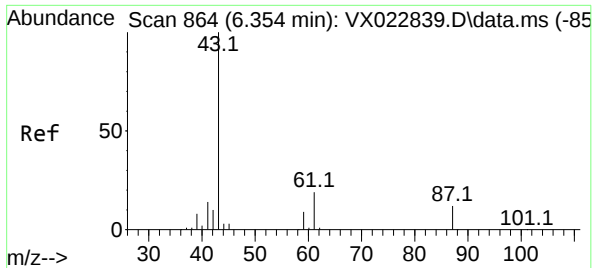
Delta R.T. -0.122 min

Lab File: VX023065.D

Acq: 01 Jul 2021 04:40

Tgt Ion:	117	Resp:	7061
Ion	Ratio	Lower	Upper
117	100		
119	6.2	76.2	114.2#
121	0.0	24.8	37.2#

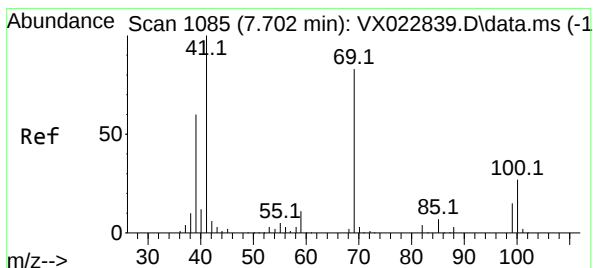
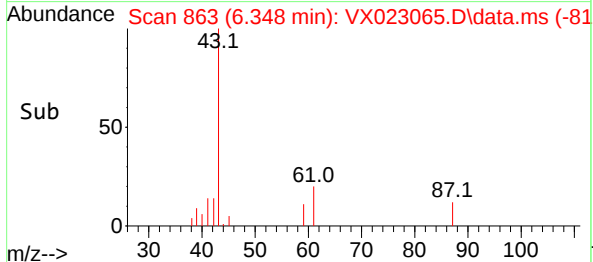
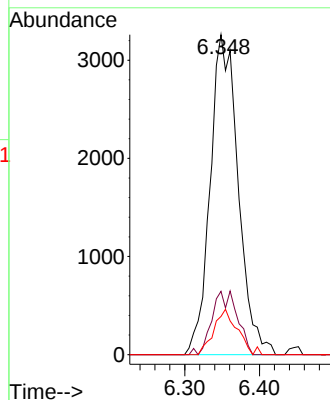
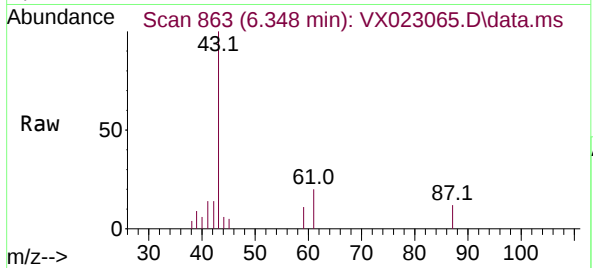




#43
Isopropyl Acetate
Concen: 3.635 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.006 min
Lab File: VX023065.D
Acq: 01 Jul 2021 04:40

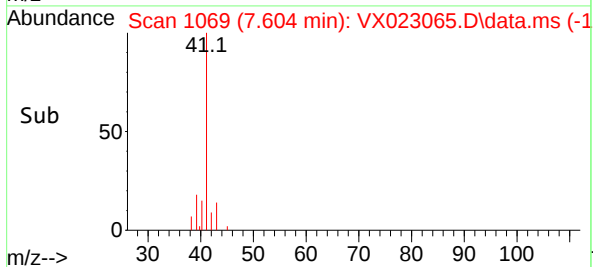
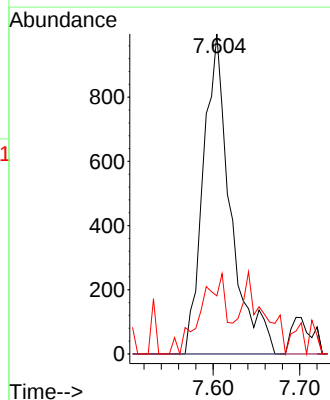
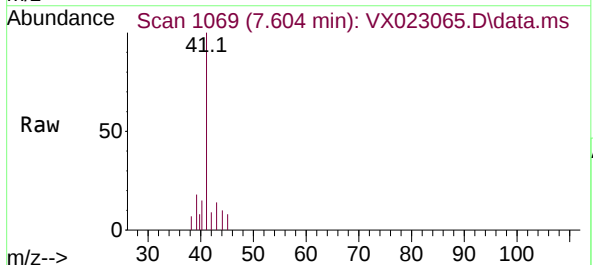
Instrument :
MSVOA_X
ClientSampleId :

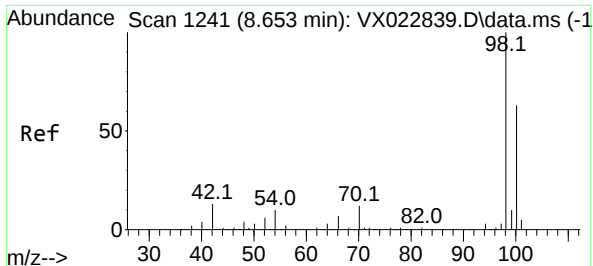
Tgt Ion: 43 Resp: 8488
Ion Ratio Lower Upper
43 100
61 18.0 18.2 27.4#
87 11.6 12.5 18.7#



#48
Methyl methacrylate
Concen: 2.010 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.098 min
Lab File: VX023065.D
Acq: 01 Jul 2021 04:40

Tgt Ion: 41 Resp: 2172
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#

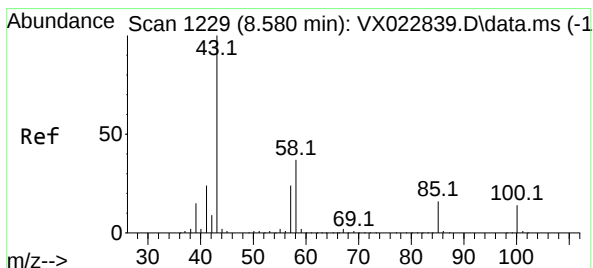
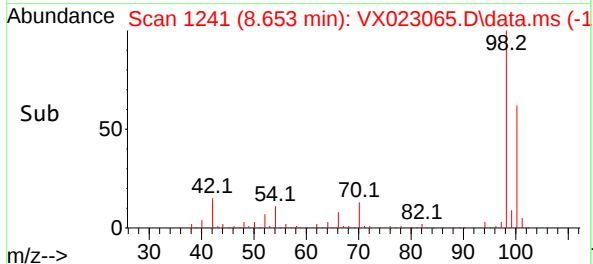
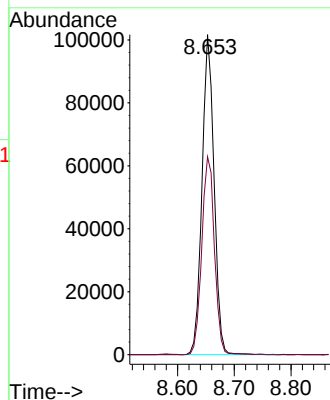
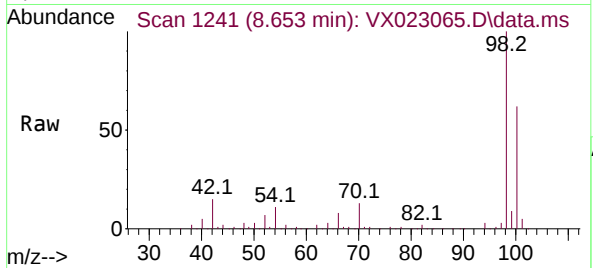




#50
Toluene-d8
Concen: 50.849 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023065.D
Acq: 01 Jul 2021 04:40

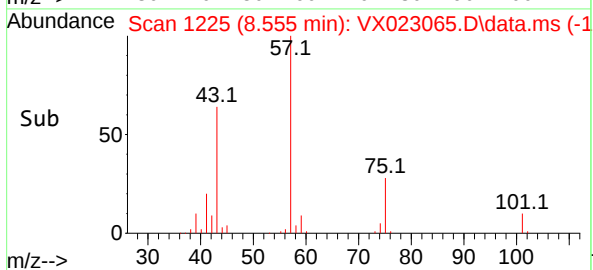
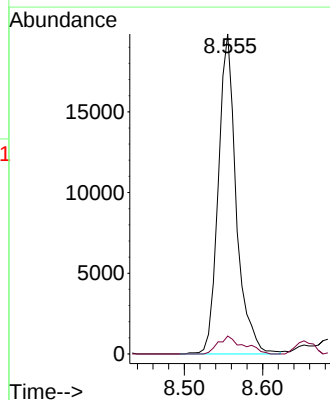
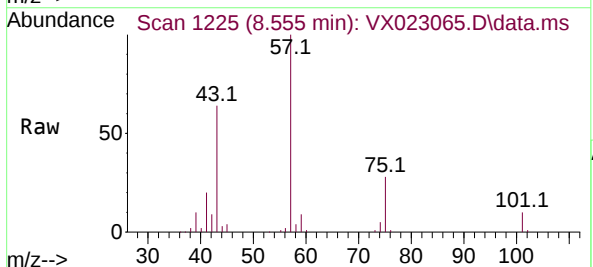
Instrument :
MSVOA_X
ClientSampled :

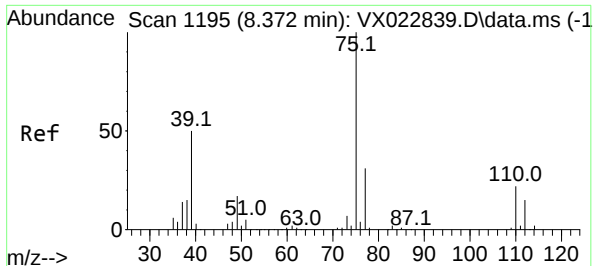
Tgt Ion: 98 Resp: 149388
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 21.785 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023065.D
Acq: 01 Jul 2021 04:40

Tgt Ion: 43 Resp: 31659
Ion Ratio Lower Upper
43 100
58 7.8 35.4 53.0#

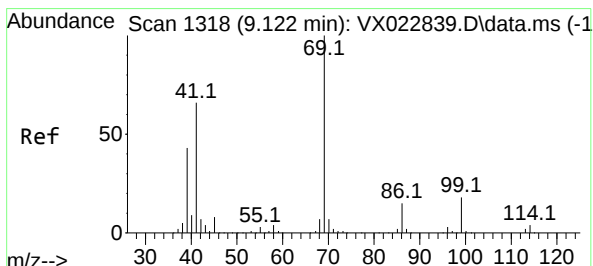
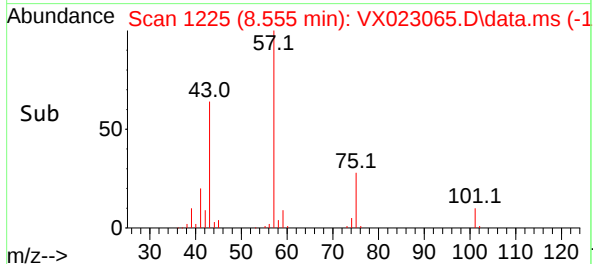
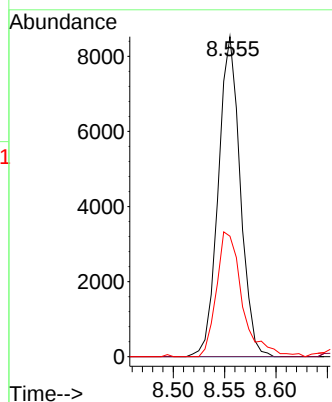
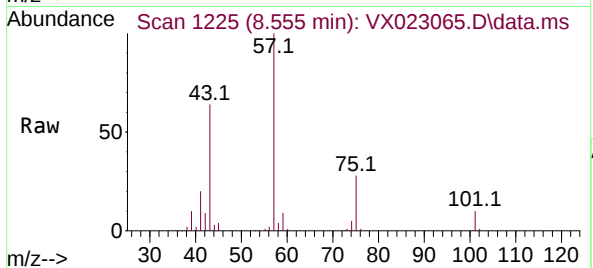




#54
cis-1,3-Dichloropropene
Concen: 10.150 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX023065.D
Acq: 01 Jul 2021 04:40

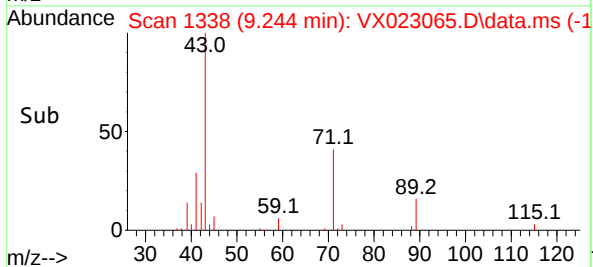
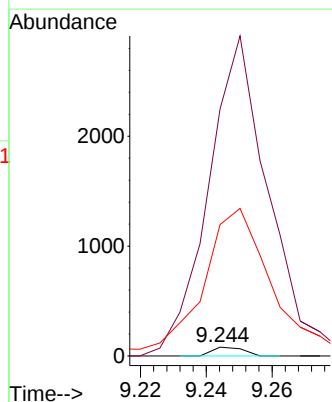
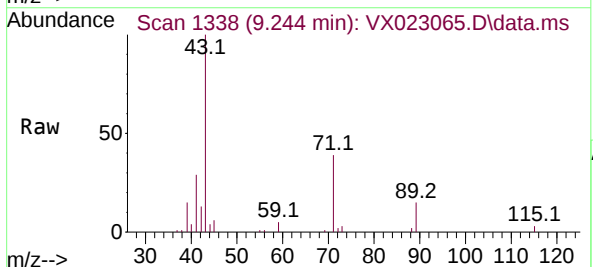
Instrument :
MSVOA_X
ClientSampled :

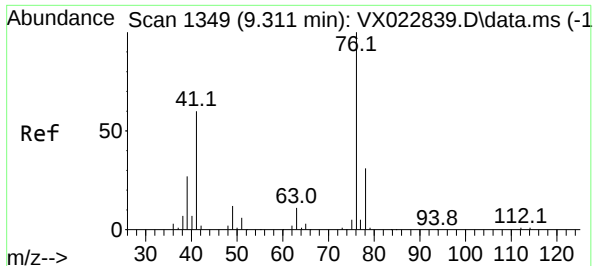
Tgt Ion: 75 Resp: 12648
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 37.7 35.1 52.7



#56
Ethyl methacrylate
Concen: 2.611 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. 0.122 min
Lab File: VX023065.D
Acq: 01 Jul 2021 04:40

Tgt Ion: 69 Resp: 54
Ion Ratio Lower Upper
69 100
41 6861.1 46.8 70.2#
39 3783.3 24.7 37.1#



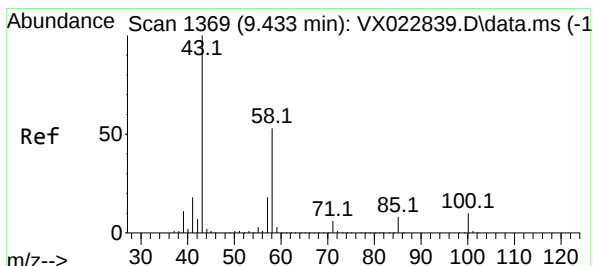
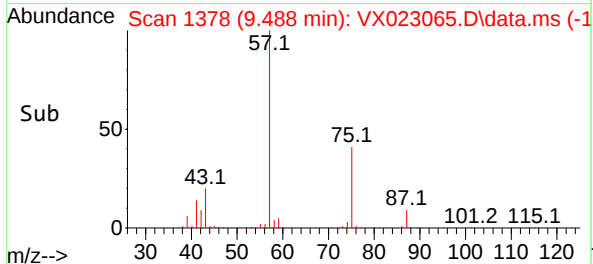
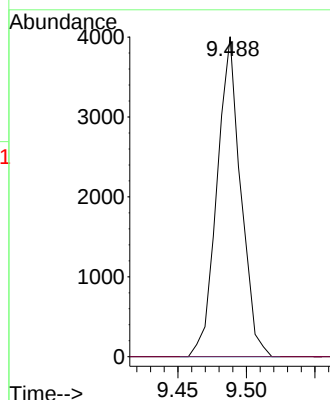
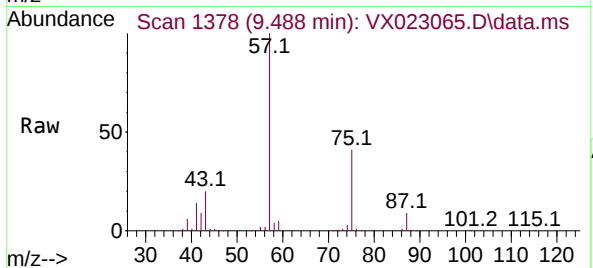


#57

1,3-Dichloropropane
Concen: 3.022 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX023065.D
Acq: 01 Jul 2021 04:40

Instrument :
MSVOA_X
ClientSampled :

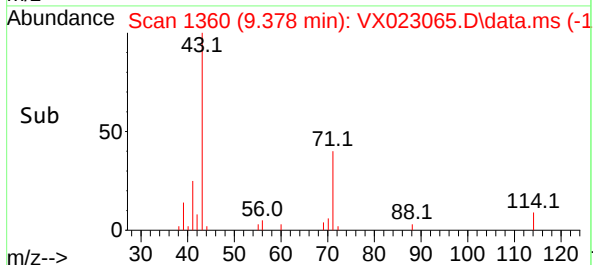
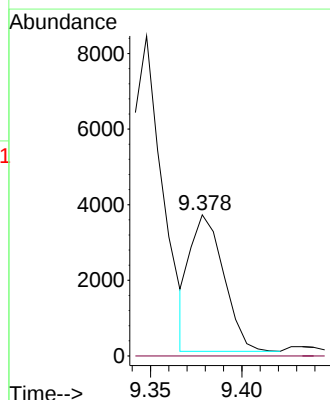
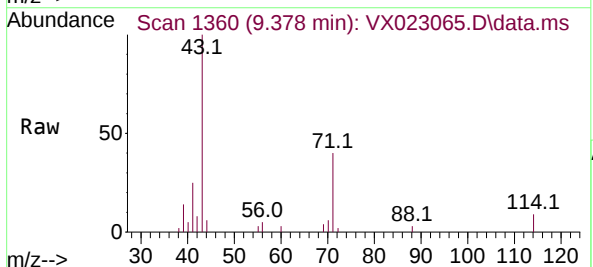
Tgt Ion: 76 Resp: 4817
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

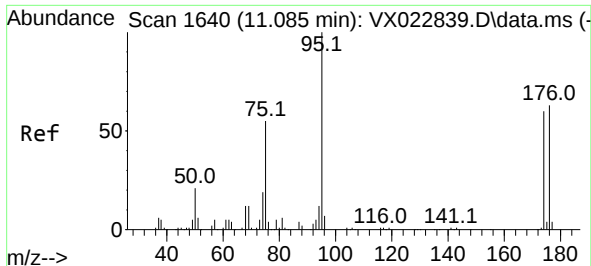


#59

2-Hexanone
Concen: 4.181 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX023065.D
Acq: 01 Jul 2021 04:40

Tgt Ion: 43 Resp: 4610
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

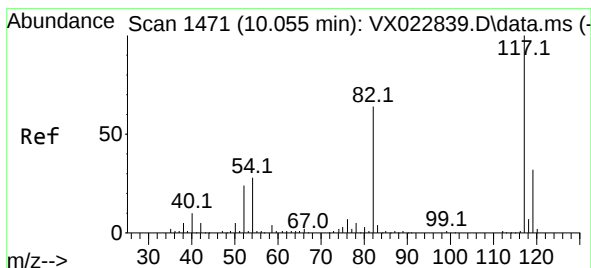
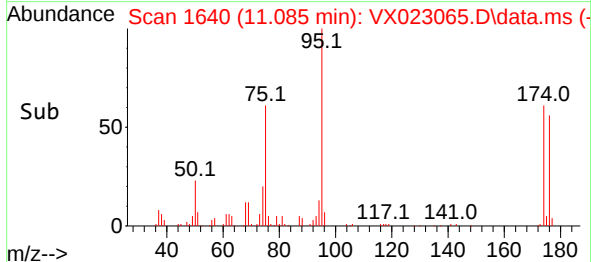
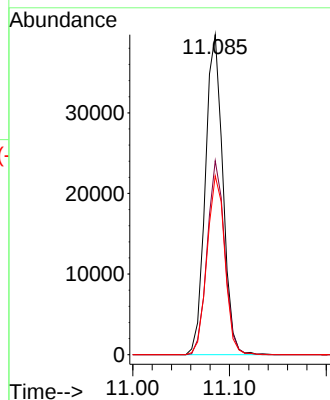
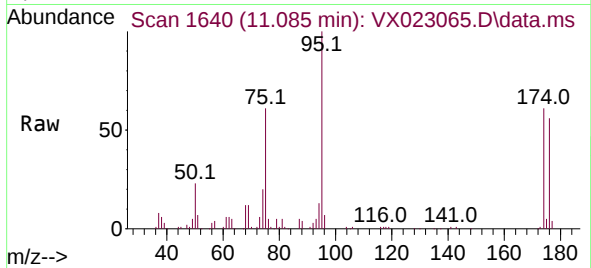




#62
4-Bromofluorobenzene
Concen: 45.669 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023065.D
Acq: 01 Jul 2021 04:40

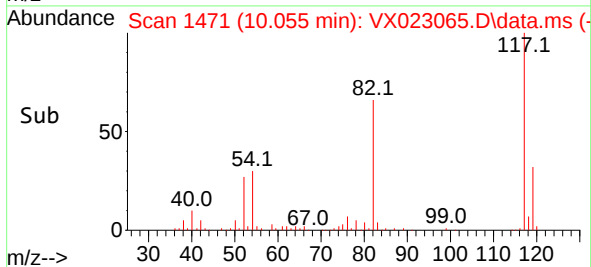
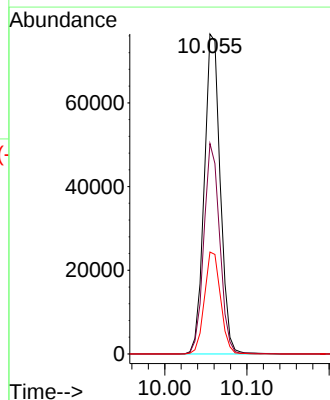
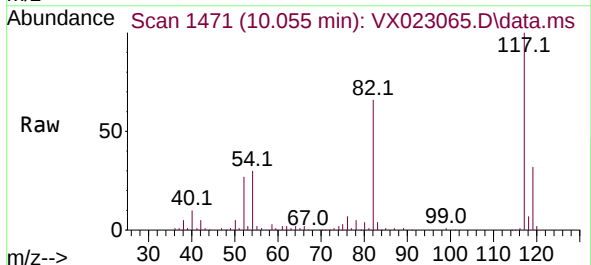
Instrument :
MSVOA_X
ClientSampleId :

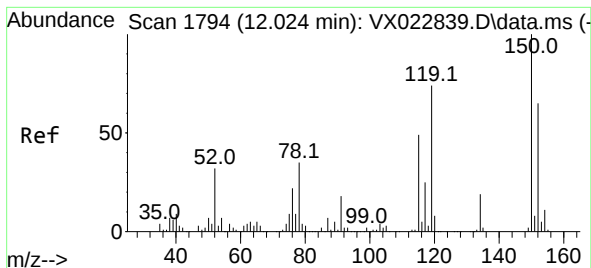
Tgt Ion: 95 Resp: 50074
Ion Ratio Lower Upper
95 100
174 60.3 0.0 154.6
176 56.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023065.D
Acq: 01 Jul 2021 04:40

Tgt Ion: 117 Resp: 103419
Ion Ratio Lower Upper
117 100
82 65.7 47.4 71.2
119 31.9 26.6 39.8

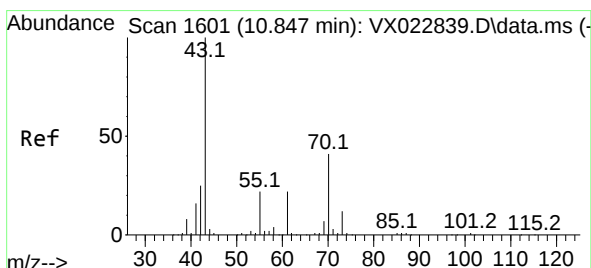
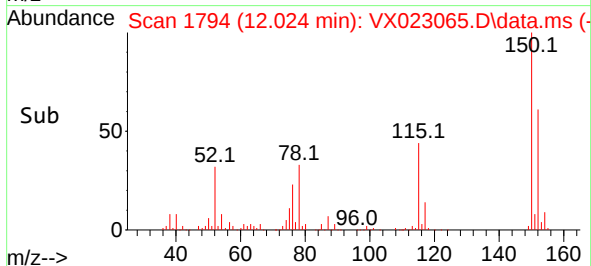
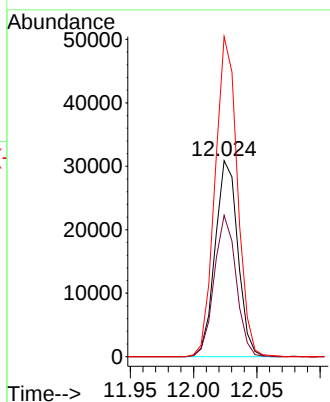
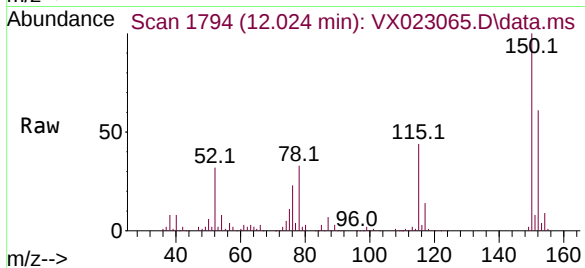




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023065.D
Acq: 01 Jul 2021 04:40

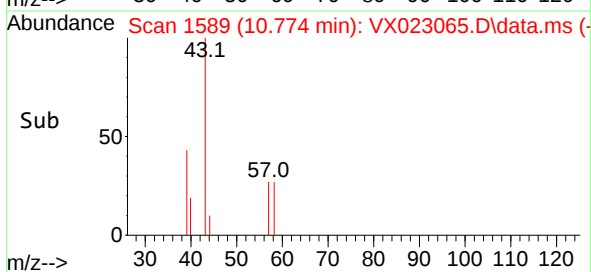
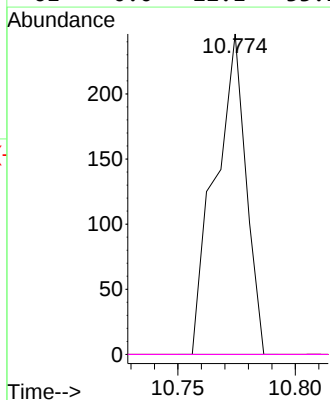
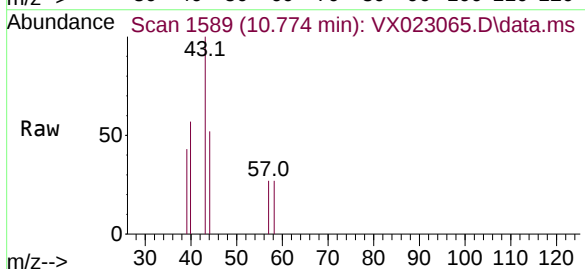
Instrument :
MSVOA_X
ClientSampled :

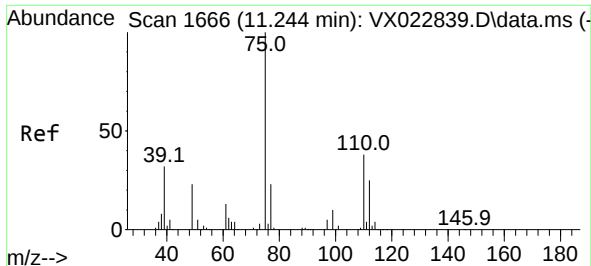
Tgt Ion:152 Resp: 38425
Ion Ratio Lower Upper
152 100
115 70.0 41.1 123.3
150 161.1 0.0 349.0



#74
N-ethyl acetate
Concen: 2.172 ug/l
RT: 10.774 min Scan# 1589
Delta R.T. -0.073 min
Lab File: VX023065.D
Acq: 01 Jul 2021 04:40

Tgt Ion: 43 Resp: 225
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#

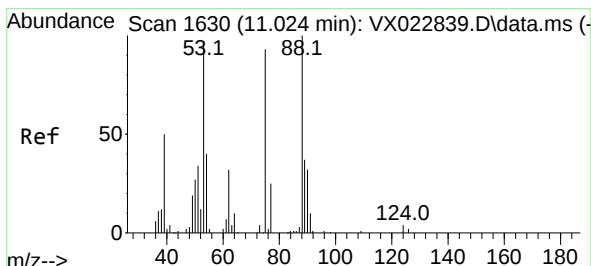
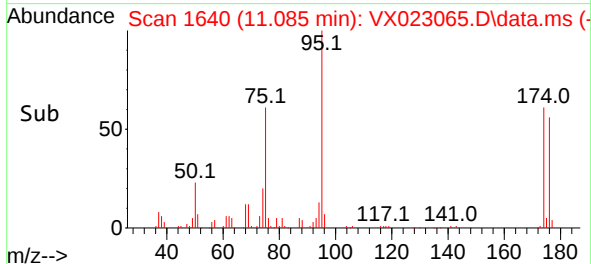
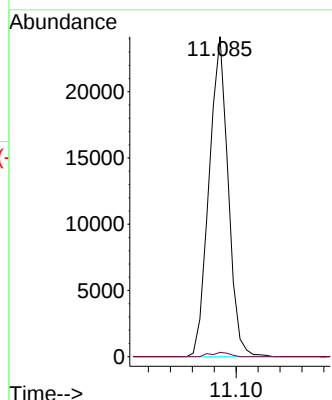
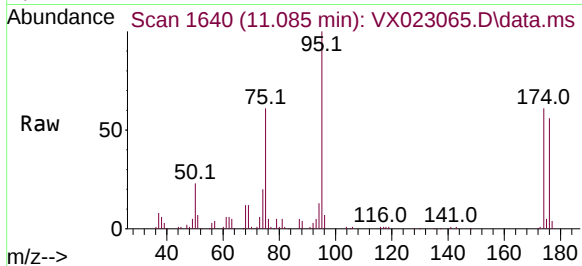




#76
1,2,3-Trichloropropane
Concen: 28.726 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023065.D
Acq: 01 Jul 2021 04:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 29156
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.998 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023065.D
Acq: 01 Jul 2021 04:40

Tgt Ion: 75 Resp: 29156
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

