

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022440.D
 Acq On : 05 Jun 2021 02:25
 Operator : JC/MD
 Sample : PB136806ZHE#07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

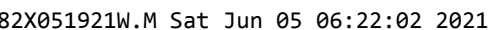
Quant Time: Jun 05 06:21:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

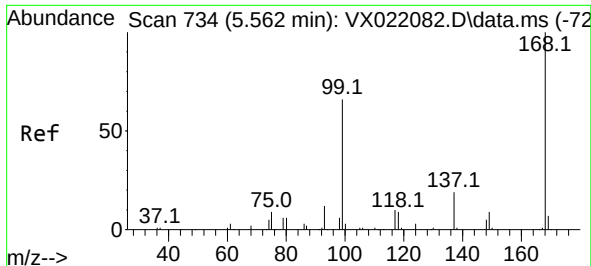
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	65781	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	136524	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53776	52.996	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	=	106.000%	
35) Dibromofluoromethane	5.397	113	40360	46.617	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	93.240%	
50) Toluene-d8	8.653	98	168964	50.663	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	=	101.320%	
62) 4-Bromofluorobenzene	11.085	95	58383	47.362	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	94.720%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	120	0.225	ug/l	# 2
11) Tert butyl alcohol	2.946	59	2161	9.311	ug/l	# 73
13) Acrolein	2.184	56	38	0.247	ug/l	# 1
16) Acetone	2.386	43	6220	14.078	ug/l	# 83
18) Methyl Acetate	2.715	43	2122	1.806	ug/l	# 84
20) Methylene Chloride	2.794	84	4114	4.194	ug/l	# 90
25) 2-Butanone	4.574	43	2293	3.208	ug/l	# 72
29) Tetrahydrofuran	5.025	42	833	1.958	ug/l	# 56
31) Cyclohexane	5.550	56	1731	1.358	ug/l	# 1
36) 1,1-Dichloropropene	5.562	75	6439	5.100	ug/l	# 48
38) Carbon Tetrachloride	5.562	117	7858	6.363	ug/l	# 14
41) Methacrylonitrile	5.038	41	512	0.618	ug/l	# 36
43) Isopropyl Acetate	6.348	43	14436	5.703	ug/l	# 93
48) Methyl methacrylate	7.604	41	4162	3.568	ug/l	# 10
51) 4-Methyl-2-Pentanone	8.555	43	51737	34.121	ug/l	# 44
52) Toluene	8.726	92	718	0.292	ug/l	# 86
54) cis-1,3-Dichloropropene	8.555	75	24803	14.858	ug/l	# 62
56) Ethyl methacrylate	9.348	69	467	0.289	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	14135	8.291	ug/l	# 42
59) 2-Hexanone	9.384	43	5912	5.184	ug/l	# 19
74) N-amyl acetate	10.774	43	693	0.365	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	31247	26.795	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.457	105	2309	0.696	ug/l	# 91
81) trans-1,4-Dichloro-2-b...	11.085	75	31247	63.486	ug/l	# 12

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

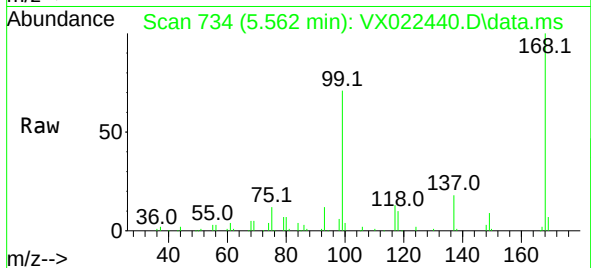
Quant Time: Jun 05 06:21:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



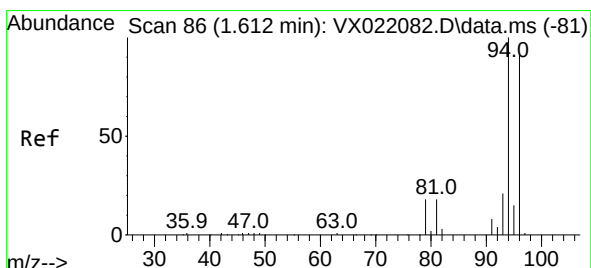
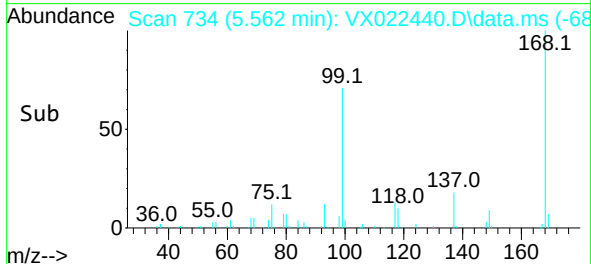
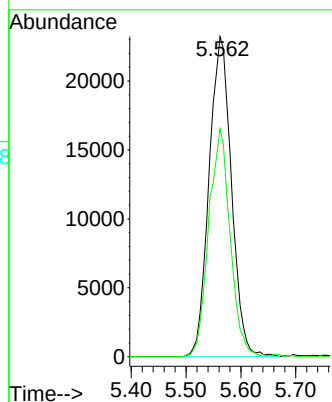


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022440.D
Acq: 05 Jun 2021 02:25

Instrument :
MSVOA_X
ClientSampled :

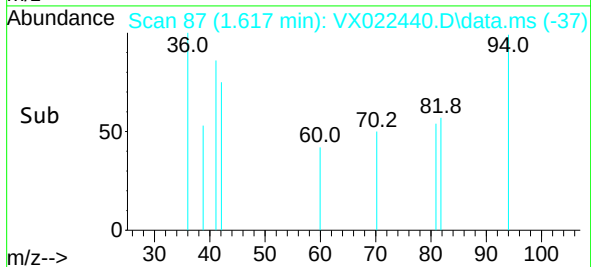
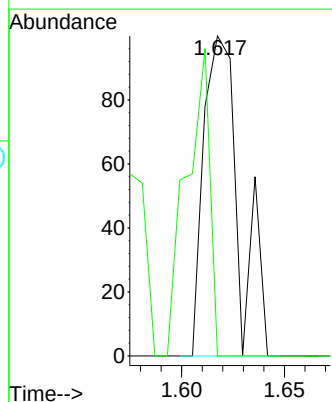
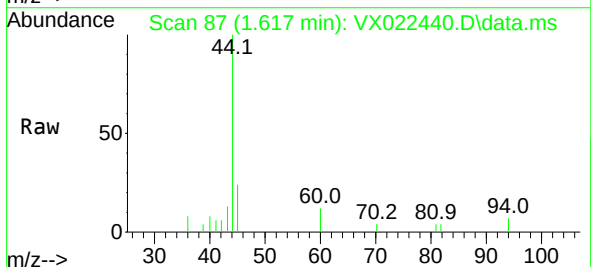


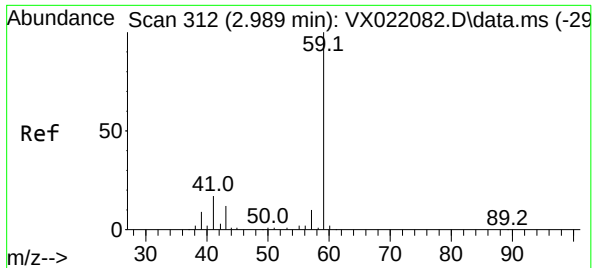
Tgt Ion:168 Resp: 65781
Ion Ratio Lower Upper
168 100
99 71.1 45.8 68.6#



#5
Bromomethane
Concen: 0.225 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.005 min
Lab File: VX022440.D
Acq: 05 Jun 2021 02:25

Tgt Ion: 94 Resp: 120
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



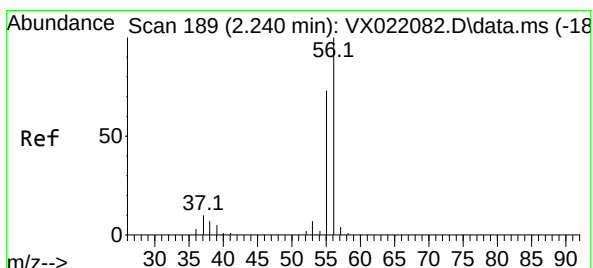
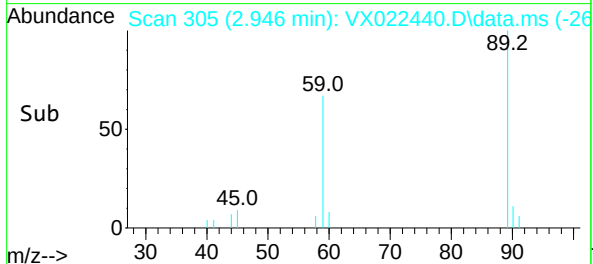
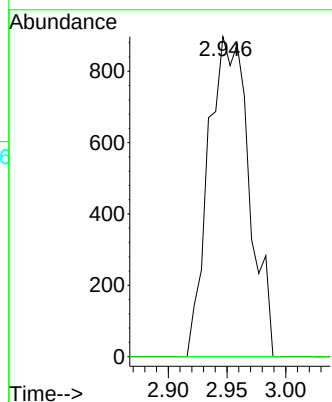
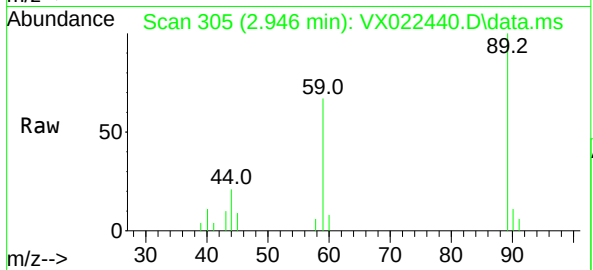


#11

Tert butyl alcohol
Concen: 9.311 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX022440.D
Acq: 05 Jun 2021 02:25

Instrument :
MSVOA_X
ClientSampled :

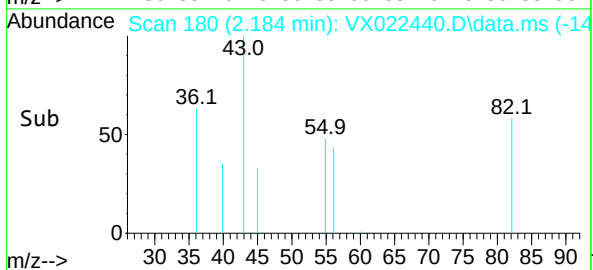
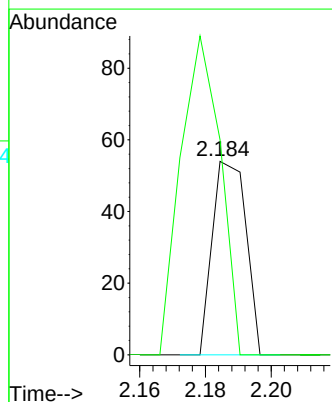
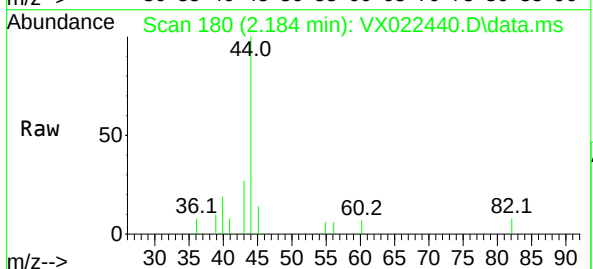
Tgt Ion: 59 Resp: 2161
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

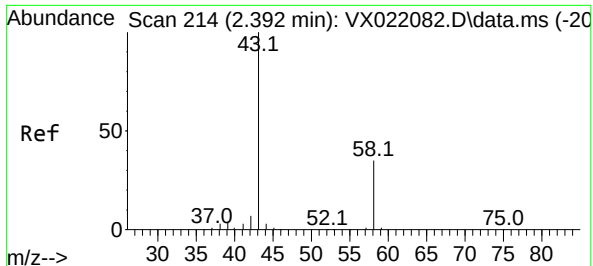


#13

Acrolein
Concen: 0.247 ug/l
RT: 2.184 min Scan# 180
Delta R.T. -0.056 min
Lab File: VX022440.D
Acq: 05 Jun 2021 02:25

Tgt Ion: 56 Resp: 38
Ion Ratio Lower Upper
56 100
55 197.4 56.4 84.6#

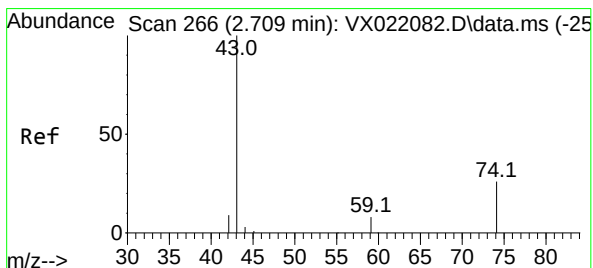
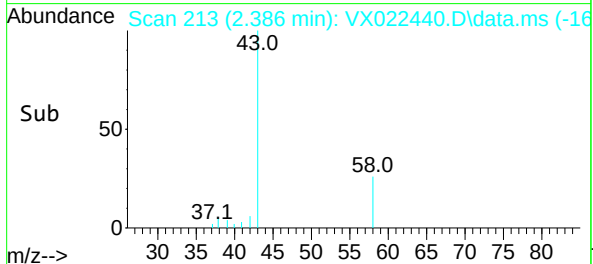
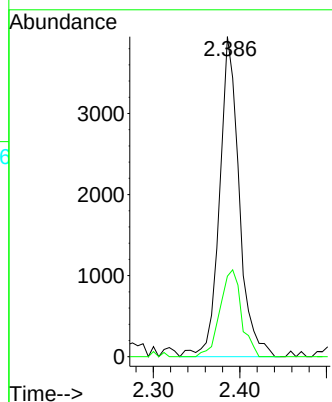
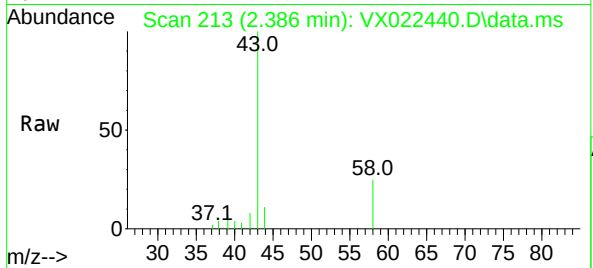




#16
Acetone
Concen: 14.078 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022440.D
Acq: 05 Jun 2021 02:25

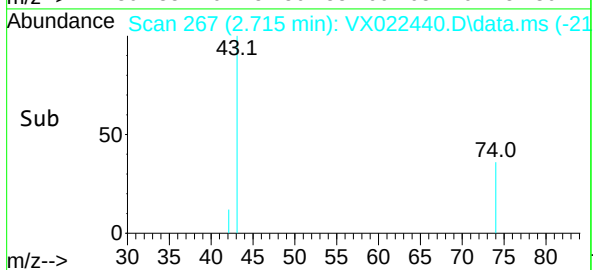
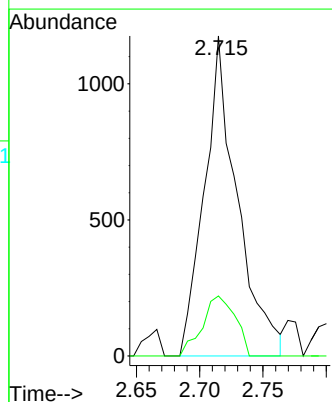
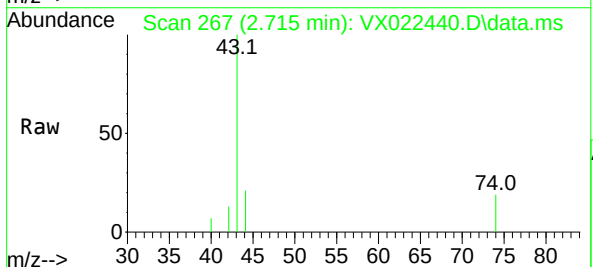
Instrument :
MSVOA_X
ClientSampled :

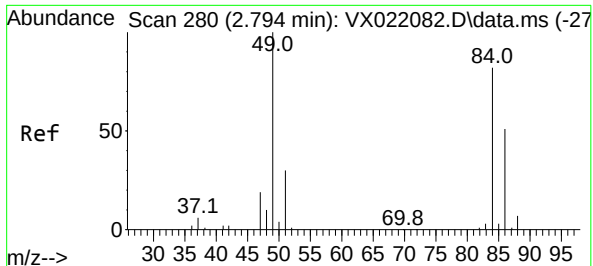
Tgt Ion: 43 Resp: 6220
Ion Ratio Lower Upper
43 100
58 25.2 27.8 41.8#



#18
Methyl Acetate
Concen: 1.806 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022440.D
Acq: 05 Jun 2021 02:25

Tgt Ion: 43 Resp: 2122
Ion Ratio Lower Upper
43 100
74 18.9 21.9 32.9#





#20

Methylene Chloride

Concen: 4.194 ug/l

RT: 2.794 min Scan# 280

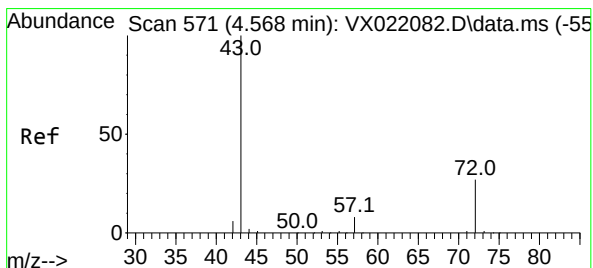
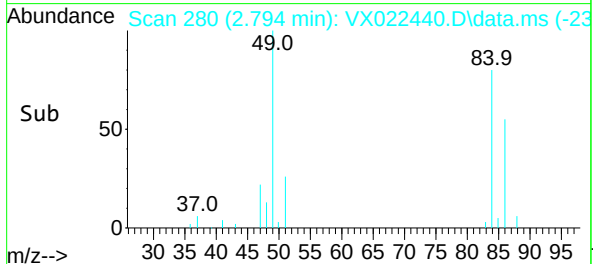
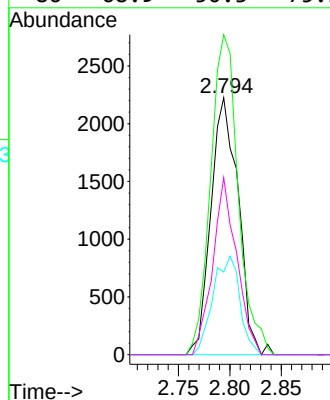
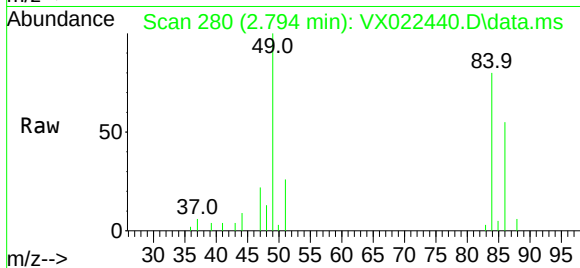
Delta R.T. 0.000 min

Lab File: VX022440.D

Acq: 05 Jun 2021 02:25

Tgt Ion: 84 Resp: 4114

Ion	Ratio	Lower	Upper
84	100		
49	124.5	88.6	132.8
51	32.2	27.0	40.6
86	68.9	50.3	75.5



#25

2-Butanone

Concen: 3.208 ug/l

RT: 4.574 min Scan# 572

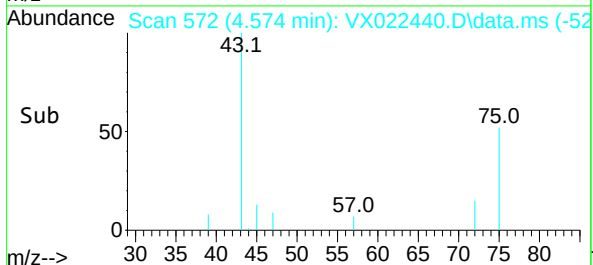
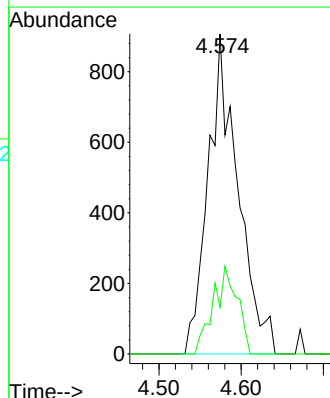
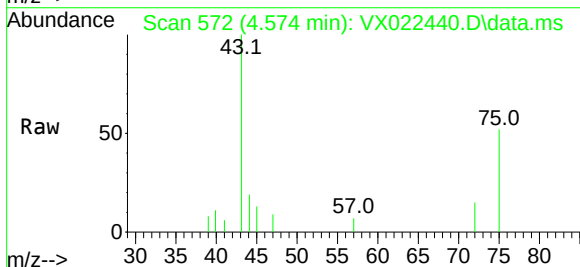
Delta R.T. 0.006 min

Lab File: VX022440.D

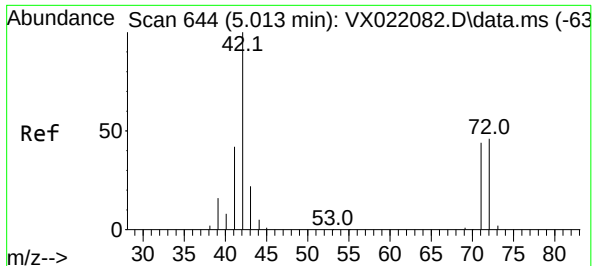
Acq: 05 Jun 2021 02:25

Tgt Ion: 43 Resp: 2293

Ion	Ratio	Lower	Upper
43	100		
72	14.7	23.7	35.5#



Instrument :
MSVOA_X
ClientSampleId :



#29

Tetrahydrofuran

Concen: 1.958 ug/l

RT: 5.025 min Scan# 646

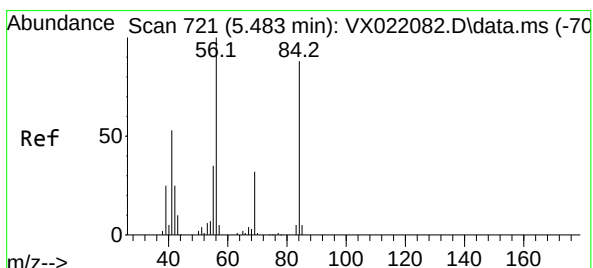
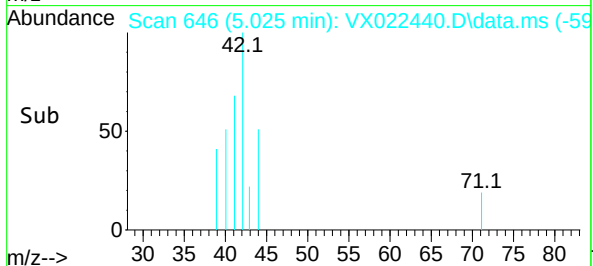
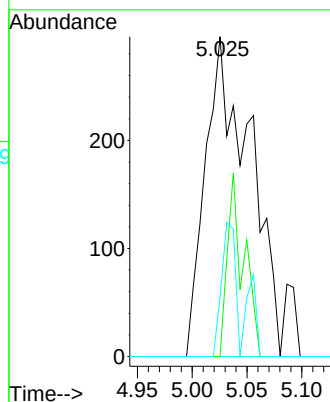
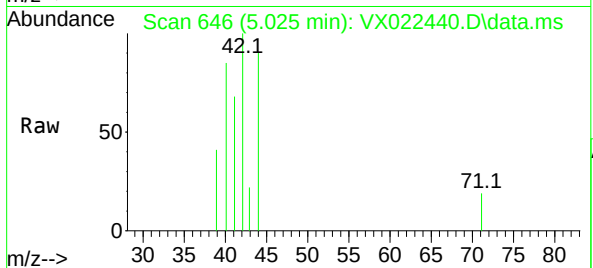
Delta R.T. 0.012 min

Lab File: VX022440.D

Acq: 05 Jun 2021 02:25

Tgt Ion:	42	Resp:	833
Ion	Ratio	Lower	Upper
42	100		
72	21.1	41.7	62.5#
71	18.7	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.358 ug/l

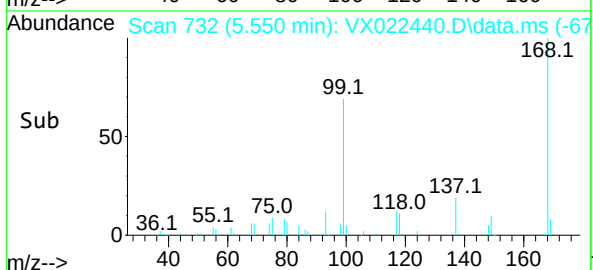
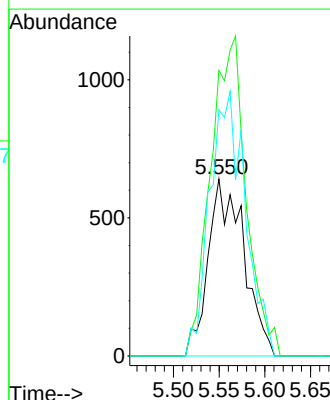
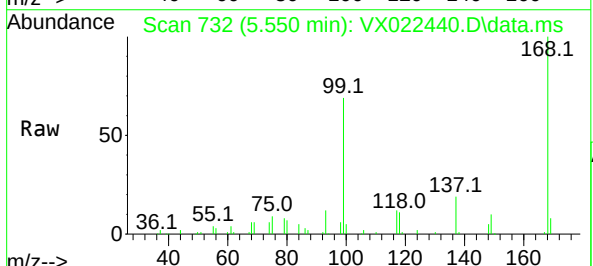
RT: 5.550 min Scan# 732

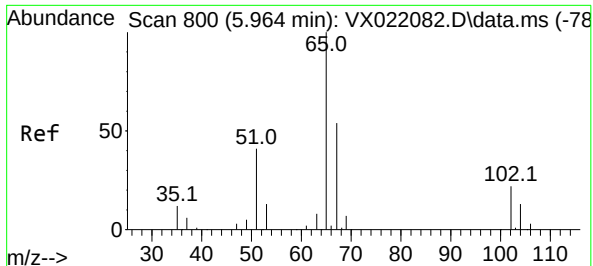
Delta R.T. 0.067 min

Lab File: VX022440.D

Acq: 05 Jun 2021 02:25

Tgt Ion:	56	Resp:	1731
Ion	Ratio	Lower	Upper
56	100		
69	161.3	25.3	37.9#
84	139.2	71.4	107.0#



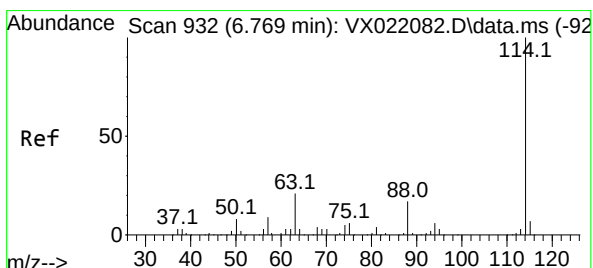
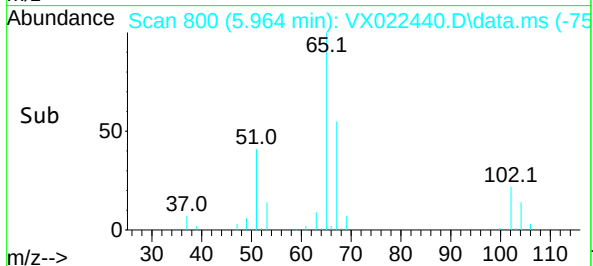
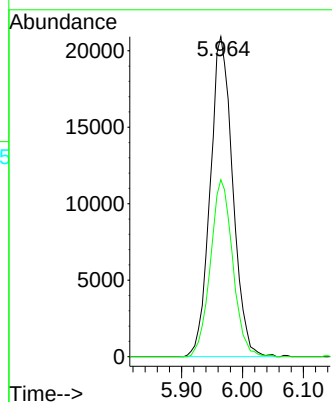
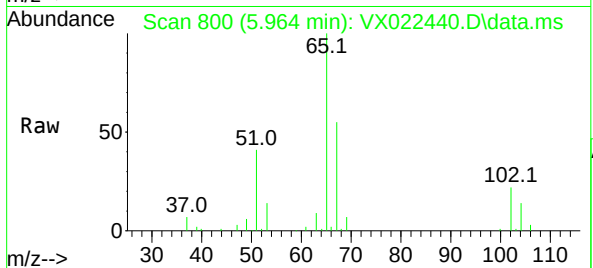


#33

1,2-Dichloroethane-d4
Concen: 52.996 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022440.D
Acq: 05 Jun 2021 02:25

Instrument :
MSVOA_X
ClientSampleId :

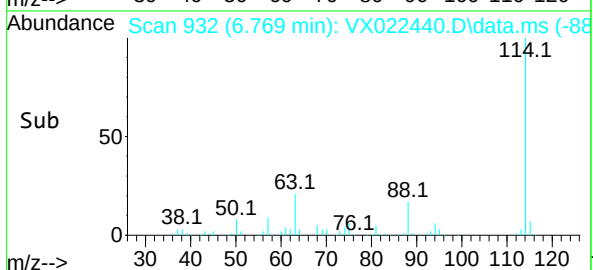
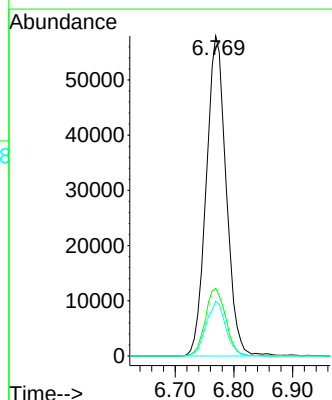
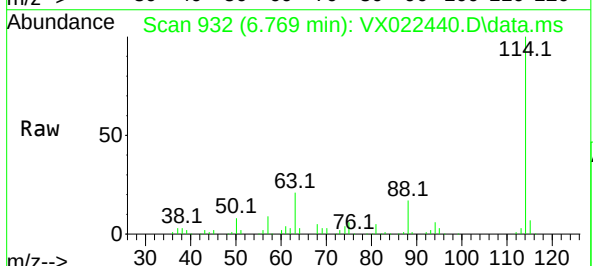
Tgt Ion: 65 Resp: 53776
Ion Ratio Lower Upper
65 100
67 54.8 0.0 105.4

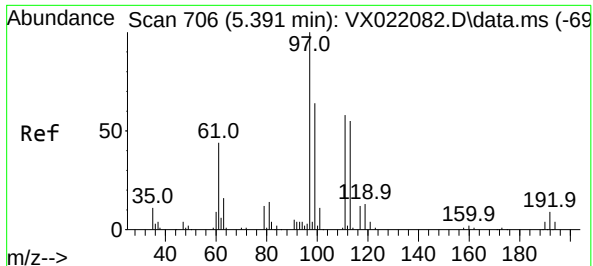


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022440.D
Acq: 05 Jun 2021 02:25

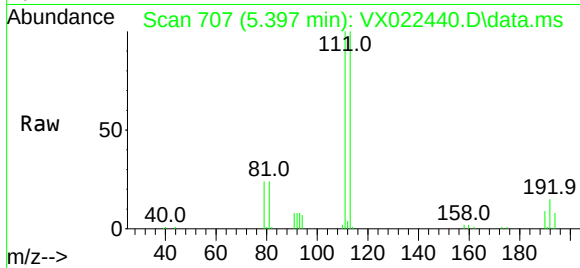
Tgt Ion: 114 Resp: 136524
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 17.1 0.0 32.8



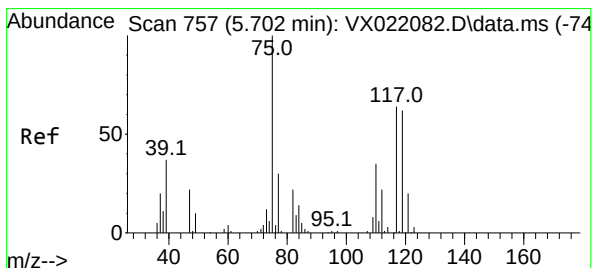
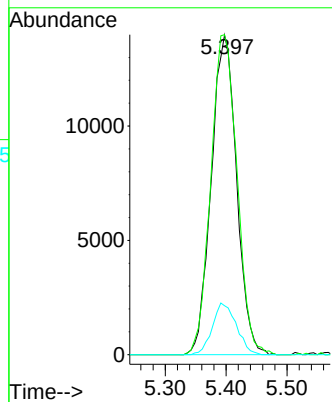
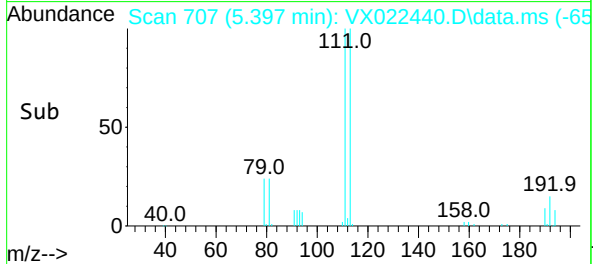


#35
Dibromofluoromethane
Concen: 46.617 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022440.D
Acq: 05 Jun 2021 02:25

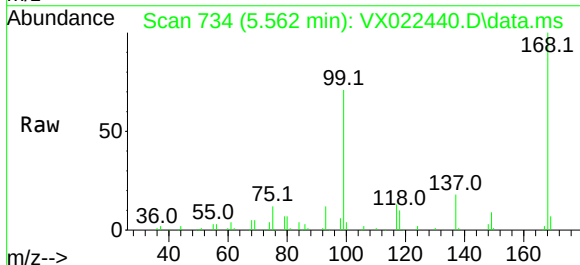
Instrument :
MSVOA_X
ClientSampled :



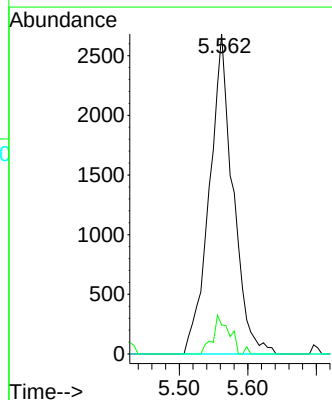
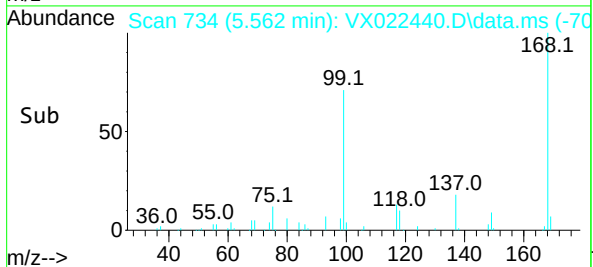
Tgt Ion:113 Resp: 40360
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 15.3 16.7 25.1#

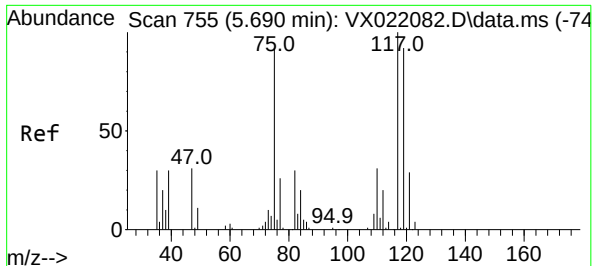


#36
1,1-Dichloropropene
Concen: 5.100 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022440.D
Acq: 05 Jun 2021 02:25



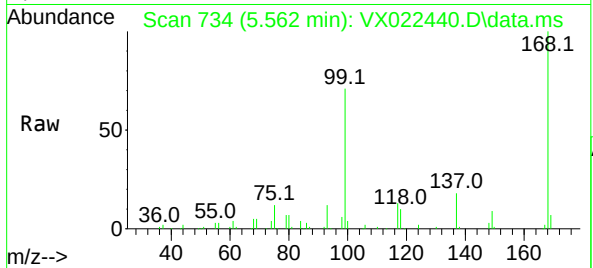
Tgt Ion: 75 Resp: 6439
Ion Ratio Lower Upper
75 100
110 8.1 18.1 54.4#
77 0.0 25.3 37.9#



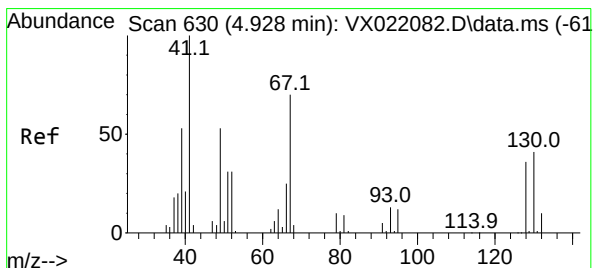
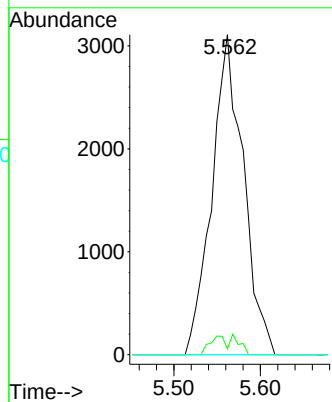
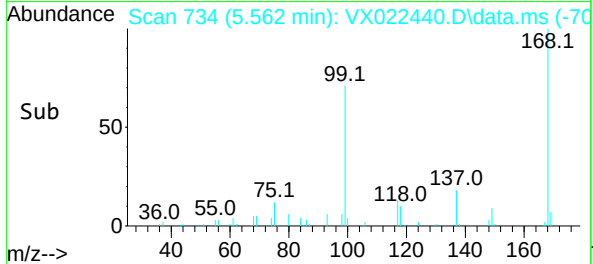


#38
Carbon Tetrachloride
Concen: 6.363 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022440.D
Acq: 05 Jun 2021 02:25

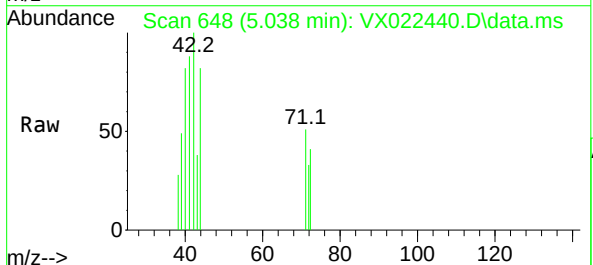
Instrument :
MSVOA_X
ClientSampled :



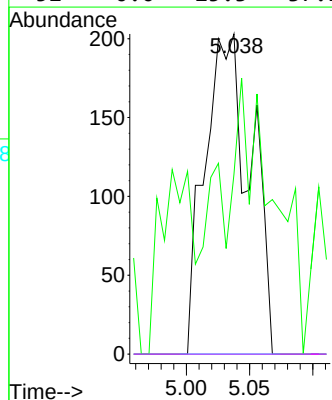
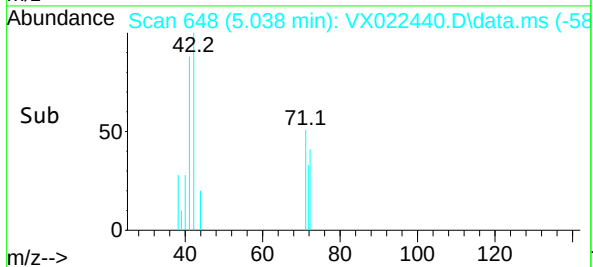
Tgt Ion:117 Resp: 7858
Ion Ratio Lower Upper
117 100
119 1.8 76.2 114.2#
121 0.0 24.8 37.2#

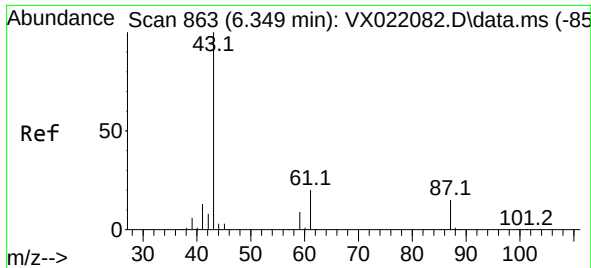


#41
Methacrylonitrile
Concen: 0.618 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.110 min
Lab File: VX022440.D
Acq: 05 Jun 2021 02:25



Tgt Ion: 41 Resp: 512
Ion Ratio Lower Upper
41 100
39 72.9 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

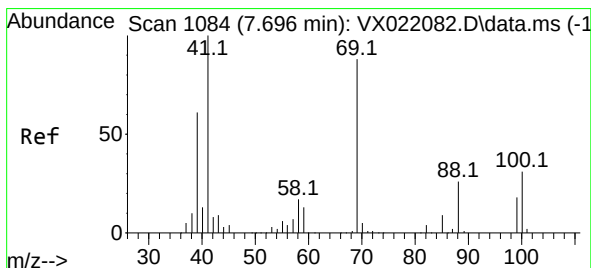
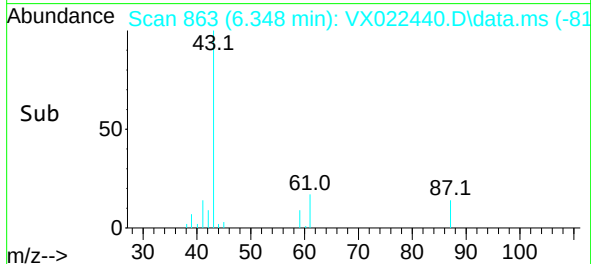
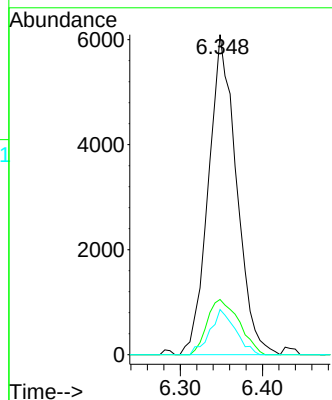
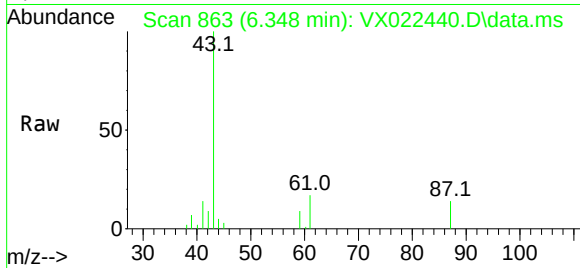




#43
Isopropyl Acetate
Concen: 5.703 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.001 min
Lab File: VX022440.D
Acq: 05 Jun 2021 02:25

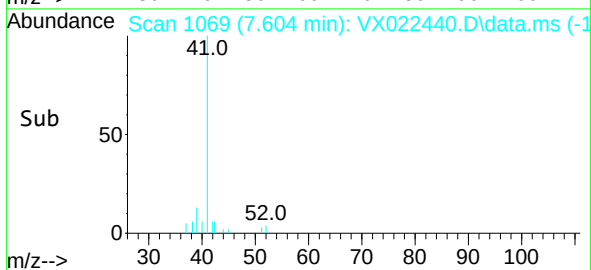
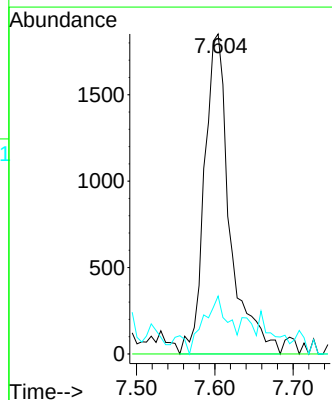
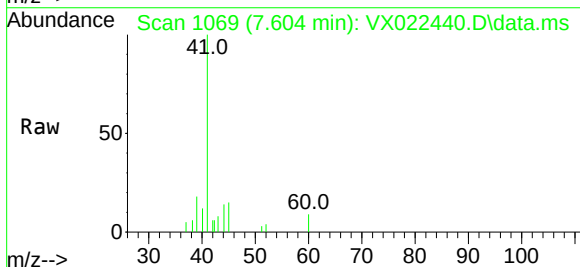
Instrument :
MSVOA_X
ClientSampleId :

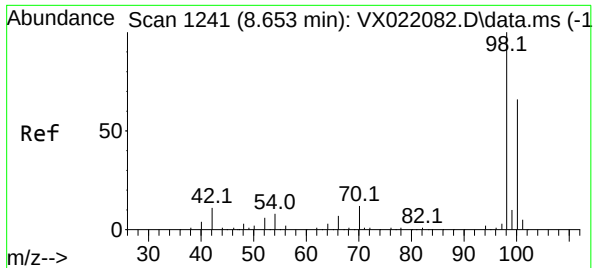
Tgt Ion: 43 Resp: 14436
Ion Ratio Lower Upper
43 100
61 19.6 18.2 27.4
87 12.7 12.5 18.7



#48
Methyl methacrylate
Concen: 3.568 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022440.D
Acq: 05 Jun 2021 02:25

Tgt Ion: 41 Resp: 4162
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#

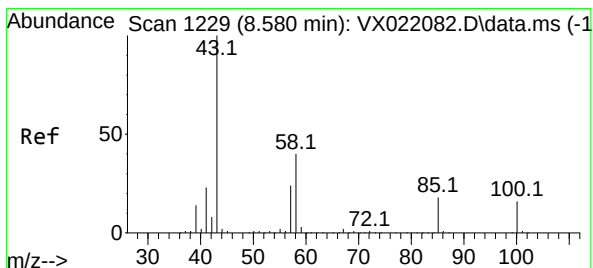
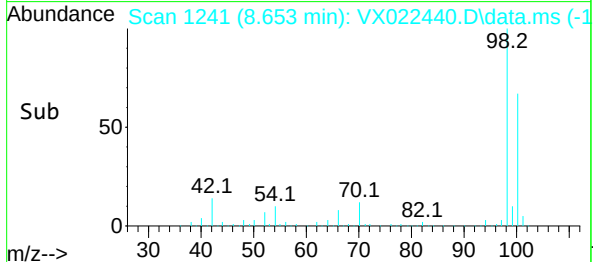
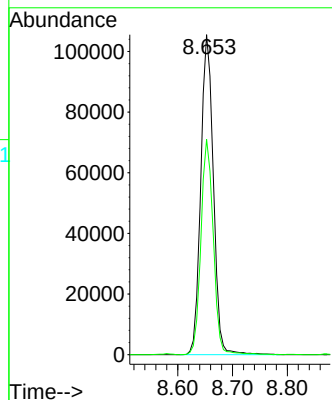
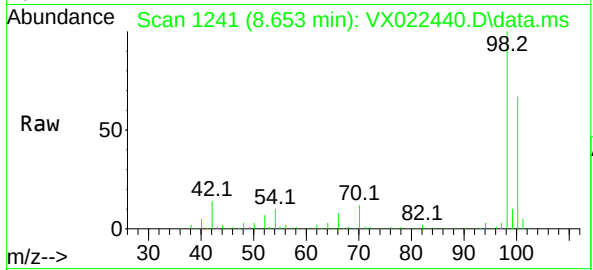




#50
Toluene-d8
Concen: 50.663 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022440.D
Acq: 05 Jun 2021 02:25

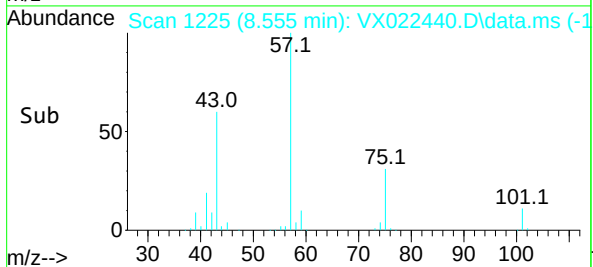
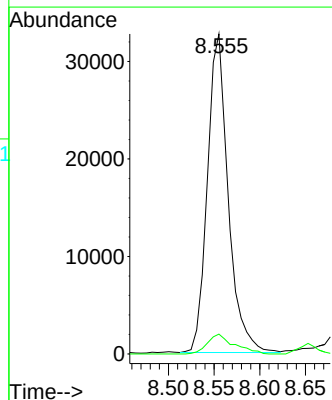
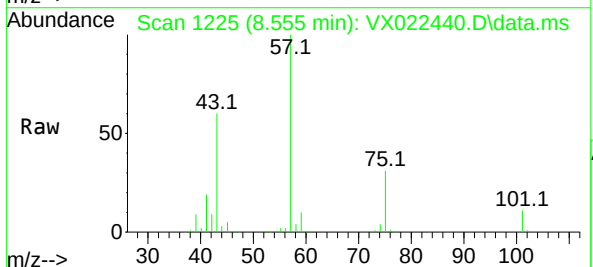
Instrument :
MSVOA_X
ClientSampled :

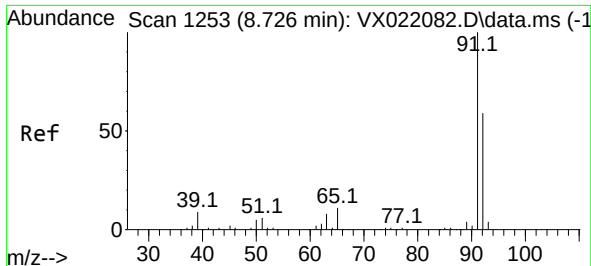
Tgt Ion: 98 Resp: 168964
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 34.121 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022440.D
Acq: 05 Jun 2021 02:25

Tgt Ion: 43 Resp: 51737
Ion Ratio Lower Upper
43 100
58 8.0 35.4 53.0#

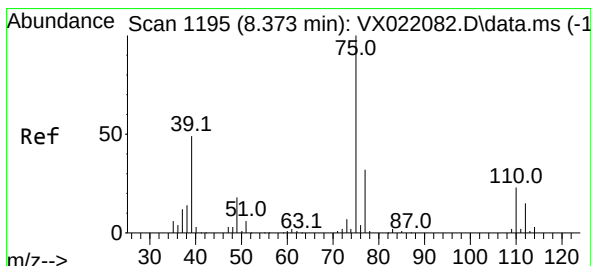
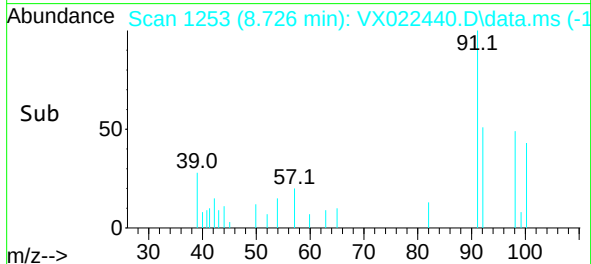
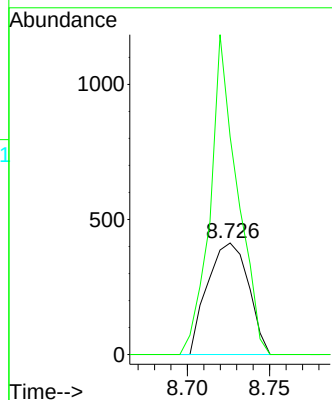
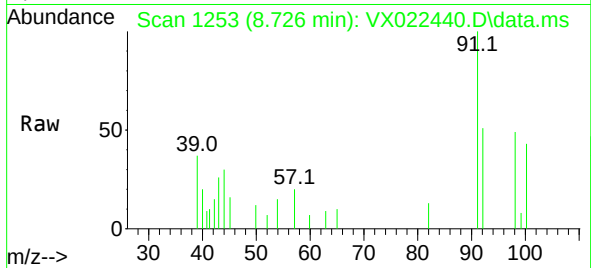




#52
Toluene
Concen: 0.292 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. -0.000 min
Lab File: VX022440.D
Acq: 05 Jun 2021 02:25

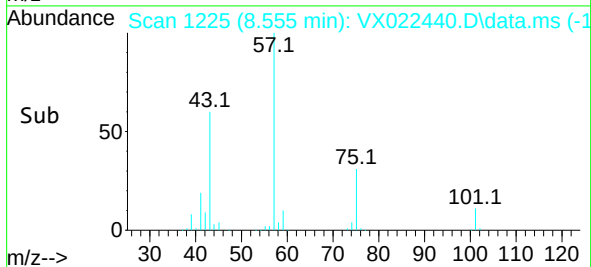
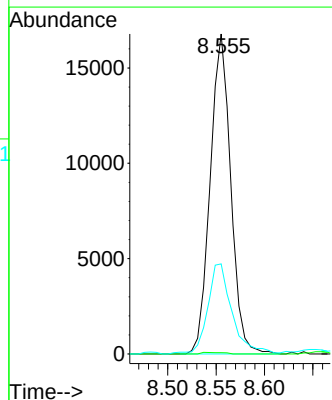
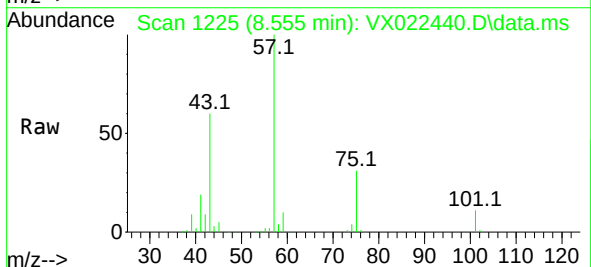
Instrument :
MSVOA_X
ClientSampled :

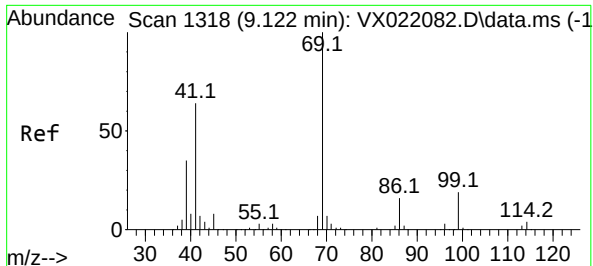
Tgt Ion: 92 Resp: 718
Ion Ratio Lower Upper
92 100
91 190.5 137.1 205.7



#54
cis-1,3-Dichloropropene
Concen: 14.858 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022440.D
Acq: 05 Jun 2021 02:25

Tgt Ion: 75 Resp: 24803
Ion Ratio Lower Upper
75 100
77 0.4 25.7 38.5#
39 27.8 35.1 52.7#

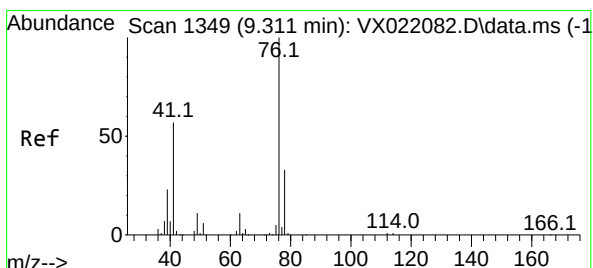
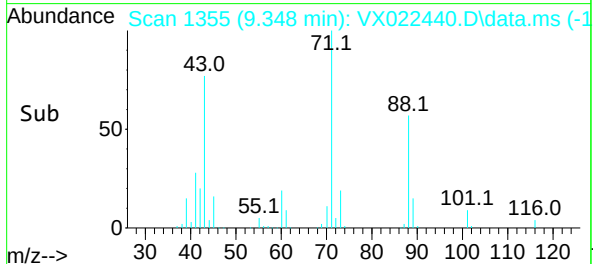
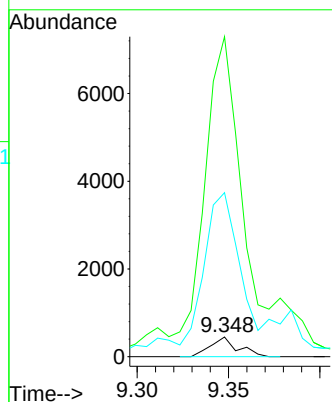
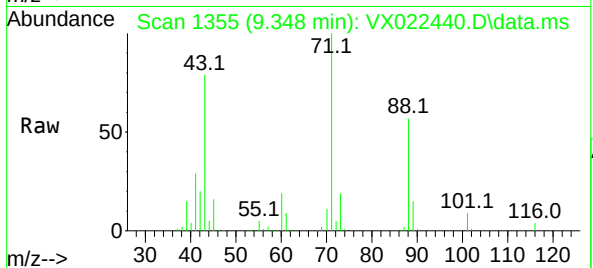




#56
Ethyl methacrylate
Concen: 0.289 ug/l
RT: 9.348 min Scan# 1355
Delta R.T. 0.226 min
Lab File: VX022440.D
Acq: 05 Jun 2021 02:25

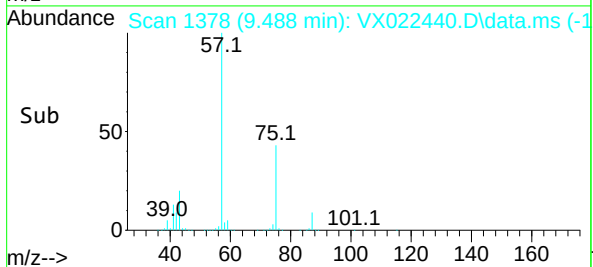
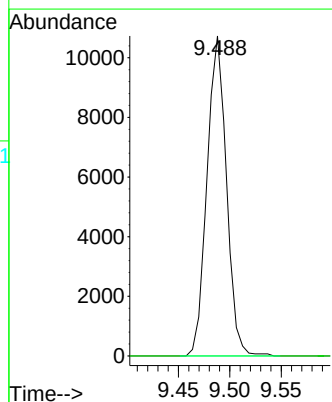
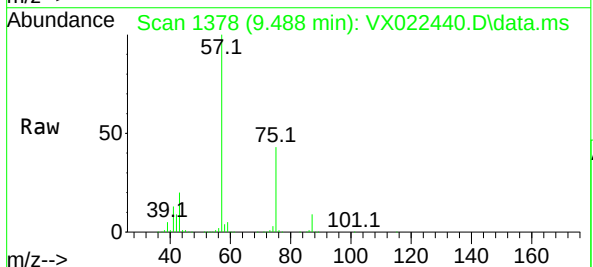
Instrument :
MSVOA_X
ClientSampleId :

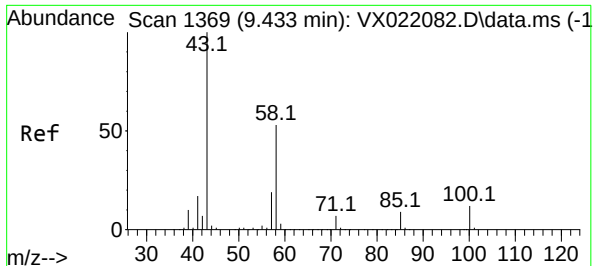
Tgt Ion: 69 Resp: 467
Ion Ratio Lower Upper
69 100
41 2437.9 46.8 70.2#
39 1210.7 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 8.291 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022440.D
Acq: 05 Jun 2021 02:25

Tgt Ion: 76 Resp: 14135
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

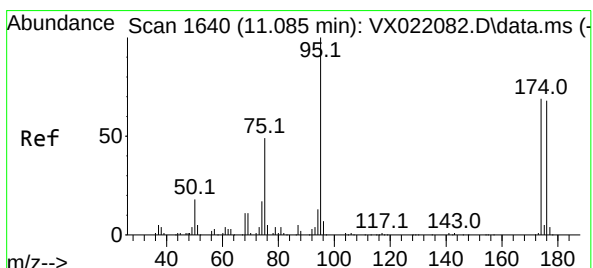
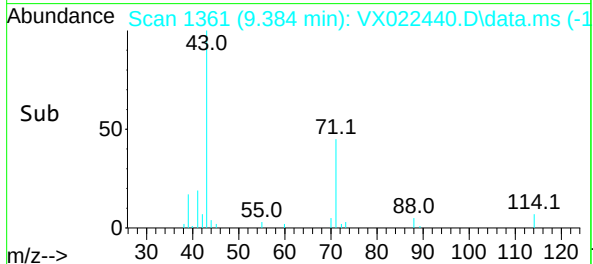
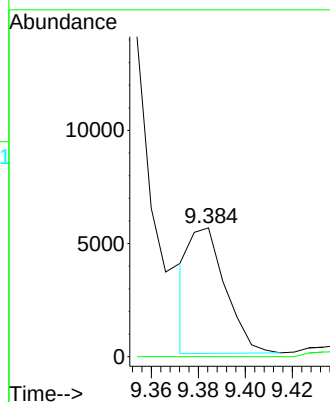
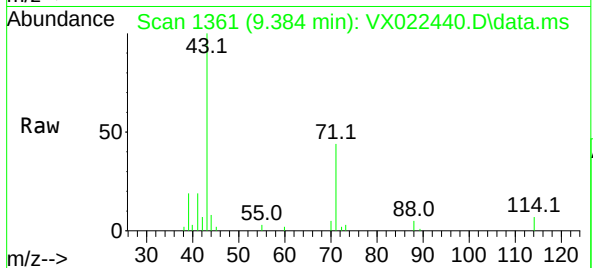




#59
2-Hexanone
Concen: 5.184 ug/l
RT: 9.384 min Scan# 1361
Delta R.T. -0.049 min
Lab File: VX022440.D
Acq: 05 Jun 2021 02:25

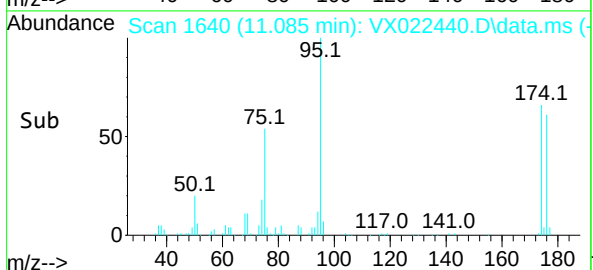
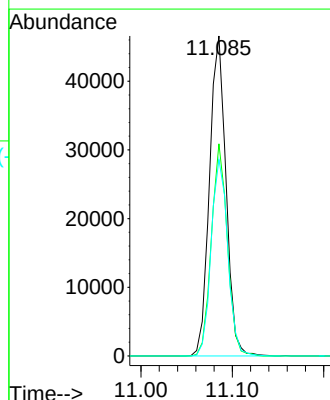
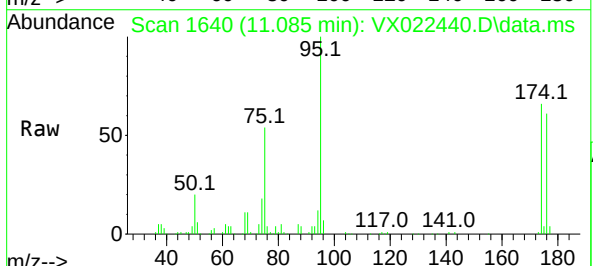
Instrument :
MSVOA_X
ClientSampled :

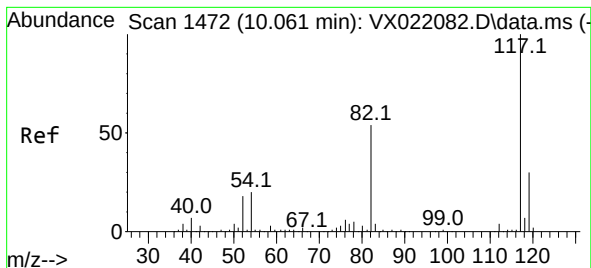
Tgt Ion: 43 Resp: 5912
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 47.362 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022440.D
Acq: 05 Jun 2021 02:25

Tgt Ion: 95 Resp: 58383
Ion Ratio Lower Upper
95 100
174 63.9 0.0 154.6
176 61.8 0.0 155.8

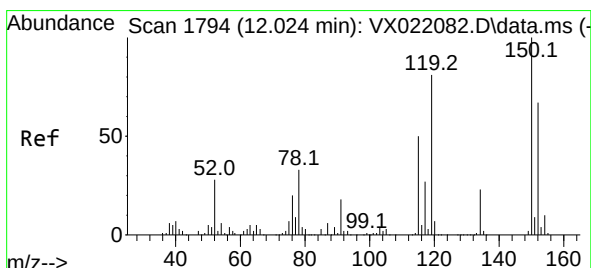
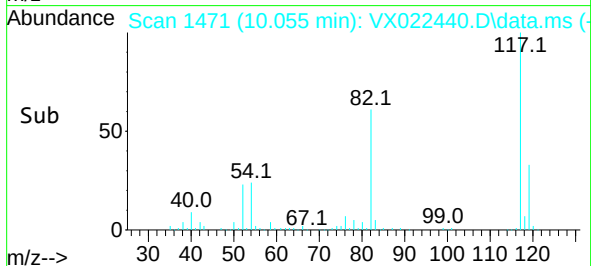
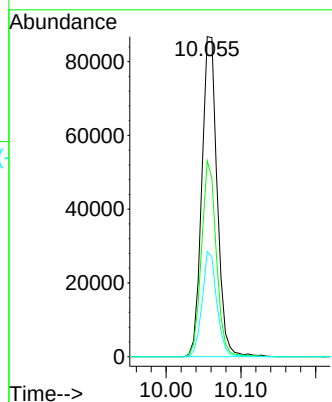
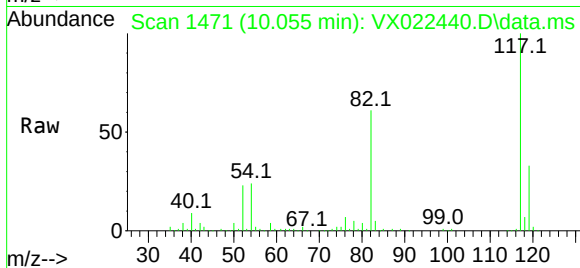




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022440.D
Acq: 05 Jun 2021 02:25

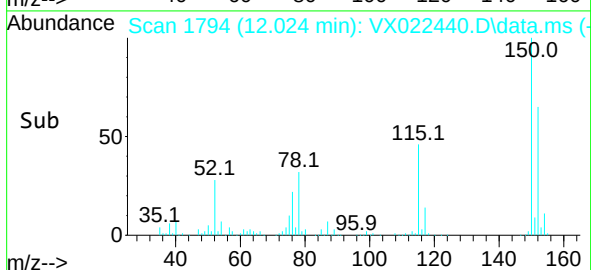
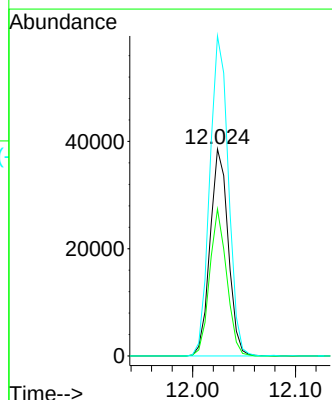
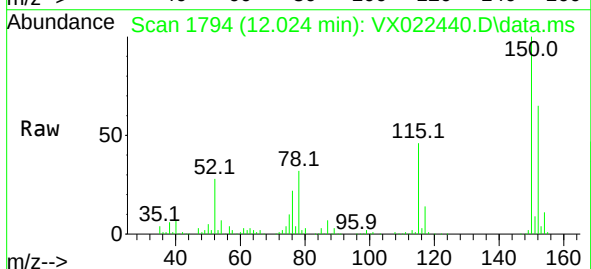
Instrument :
MSVOA_X
ClientSampleId :

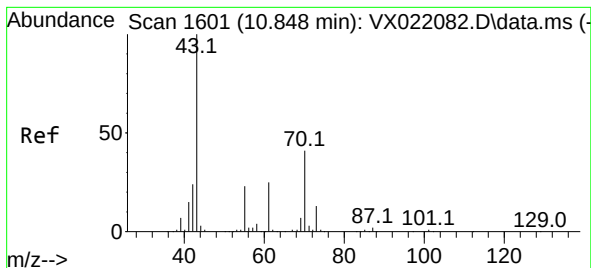
Tgt Ion:117 Resp: 123851
Ion Ratio Lower Upper
117 100
82 61.2 47.4 71.2
119 32.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022440.D
Acq: 05 Jun 2021 02:25

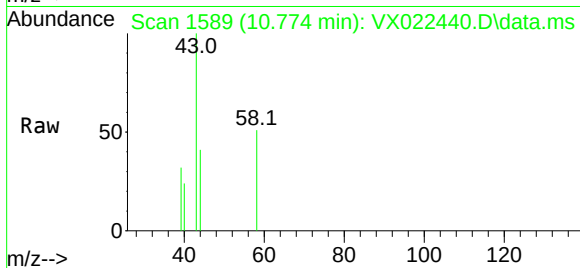
Tgt Ion:152 Resp: 47270
Ion Ratio Lower Upper
152 100
115 66.7 41.1 123.3
150 158.5 0.0 349.0



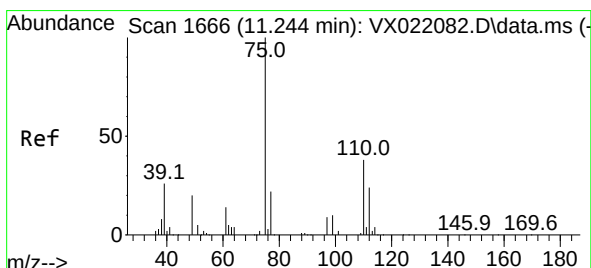
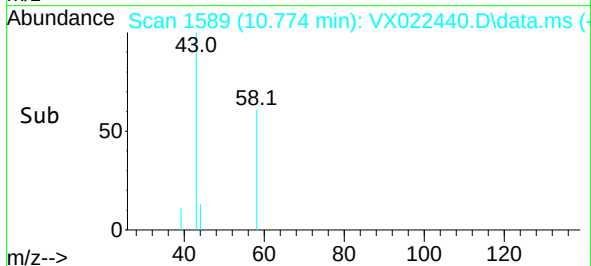
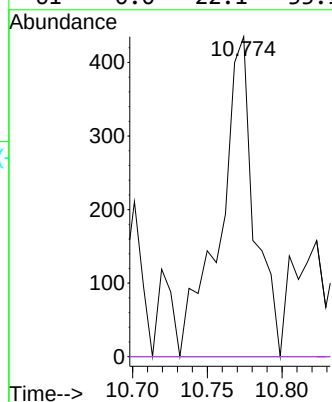


#74
N-amy1 acetate
Concen: 0.365 ug/l
RT: 10.774 min Scan# 1589
Delta R.T. -0.074 min
Lab File: VX022440.D
Acq: 05 Jun 2021 02:25

Instrument :
MSVOA_X
ClientSampled :

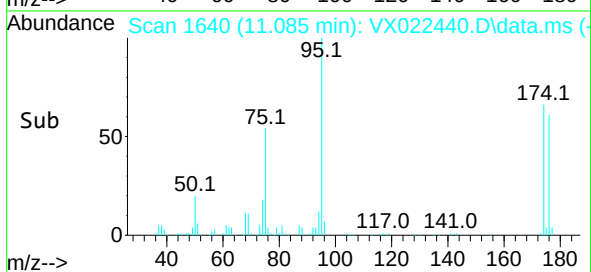
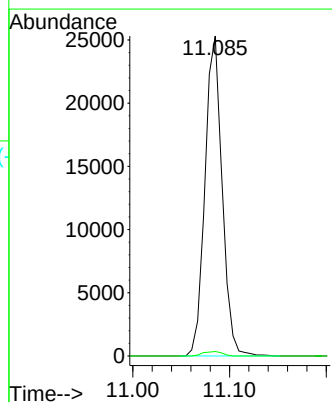
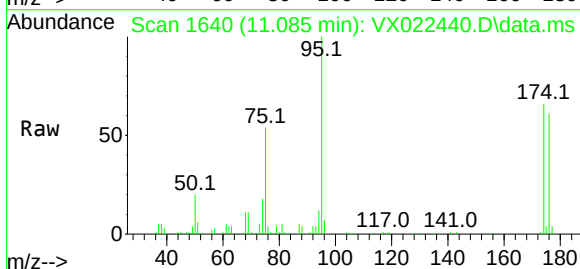


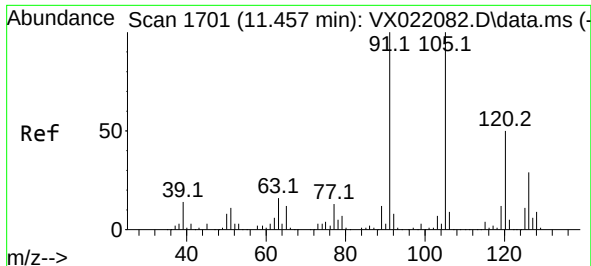
Tgt Ion: 43 Resp: 693
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 0.0 21.5 32.3#
61 0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 26.795 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022440.D
Acq: 05 Jun 2021 02:25

Tgt Ion: 75 Resp: 31247
Ion Ratio Lower Upper
75 100
77 1.6 19.1 57.5#

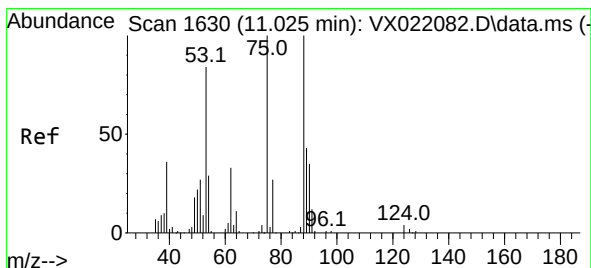
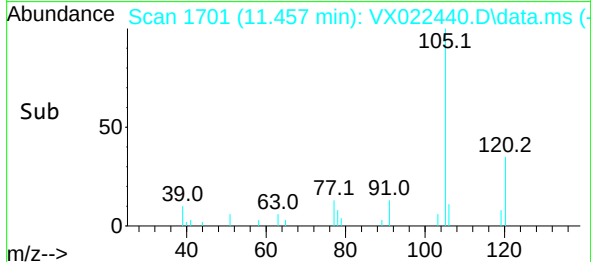
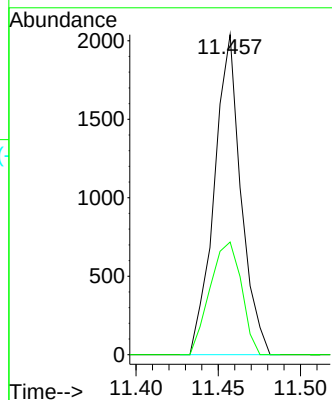
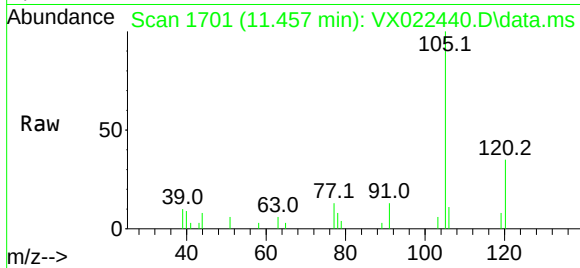




#80
1,3,5-Trimethylbenzene
Concen: 0.696 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022440.D
Acq: 05 Jun 2021 02:25

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:105 Resp: 2309
Ion Ratio Lower Upper
105 100
120 41.4 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 63.486 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022440.D
Acq: 05 Jun 2021 02:25

Tgt Ion: 75 Resp: 31247
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

