

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070121\
 Data File : VX023090.D
 Acq On : 01 Jul 2021 17:14
 Operator : JC/MD
 Sample : PB137454ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

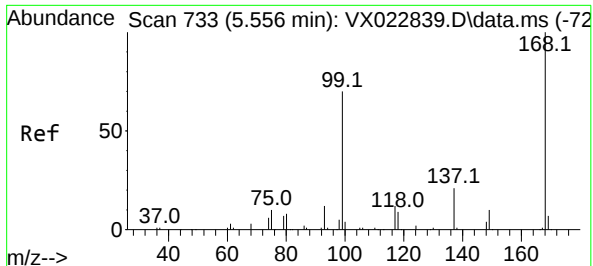
Instrument :
 MSVOA_X
 ClientSampleId :
 PB137454ZHE#01

Quant Time: Jul 02 04:31:22 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)

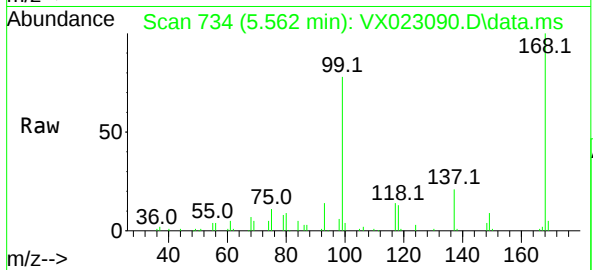
Internal Standards						
1) Pentafluorobenzene	5.562	168	53146	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	108404	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	33659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	59240	61.421	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	=	122.840%	#
35) Dibromofluoromethane	5.397	113	35637	51.769	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	103.540%	
50) Toluene-d8	8.653	98	139652	51.763	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	=	103.520%	
62) 4-Bromofluorobenzene	11.085	95	49946	49.604	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	99.200%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.959	59	3635	18.083	ug/l	# 77
16) Acetone	2.386	43	8167	19.100	ug/l	# 86
17) Carbon Disulfide	2.508	76	83	3.557	ug/l	# 75
18) Methyl Acetate	2.715	43	758	0.720	ug/l	# 72
20) Methylene Chloride	2.794	84	8506	10.328	ug/l	# 71
25) 2-Butanone	4.574	43	4518	6.795	ug/l	96
29) Tetrahydrofuran	5.032	42	546	1.277	ug/l	# 37
31) Cyclohexane	5.568	56	2059	1.512	ug/l	# 52
36) 1,1-Dichloropropene	5.556	75	6398	5.557	ug/l	# 44
37) Ethyl Acetate	4.574	43	4518	3.387	ug/l	# 68
38) Carbon Tetrachloride	5.562	117	7090	7.341	ug/l	# 16
41) Methacrylonitrile	5.050	41	484	0.659	ug/l	# 22
43) Isopropyl Acetate	6.355	43	12022	5.606	ug/l	# 89
48) Methyl methacrylate	7.806	41	69518	70.048	ug/l	# 38
51) 4-Methyl-2-Pentanone	8.555	43	45917	34.406	ug/l	# 44
54) cis-1,3-Dichloropropene	8.555	75	17736	14.134	ug/l	# 75
56) Ethyl methacrylate	9.250	69	85	2.633	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	10638	7.267	ug/l	# 42
59) 2-Hexanone	9.488	43	170127	168.031	ug/l	# 42
74) N-amyl acetate	10.775	43	944	2.618	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	30013	33.758	ug/l	# 38
80) 1,3,5-Trimethylbenzene	11.451	105	717	0.307	ug/l	# 88
81) trans-1,4-Dichloro-2-b...	11.085	75	30013	85.819	ug/l	# 12
95) Naphthalene	13.780	128	73	1.948	ug/l	# 69

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

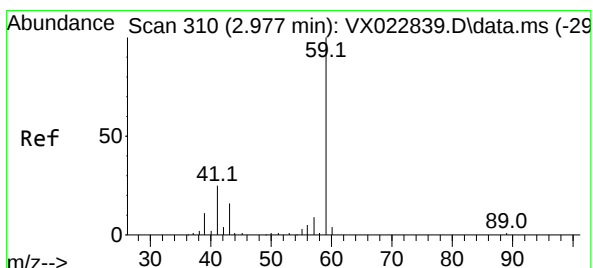
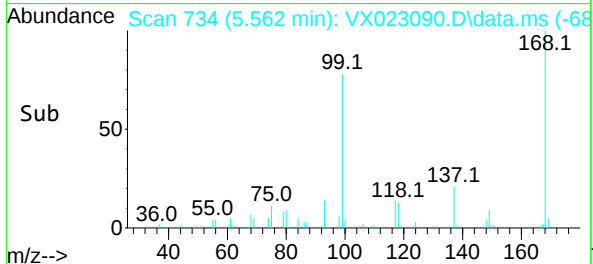
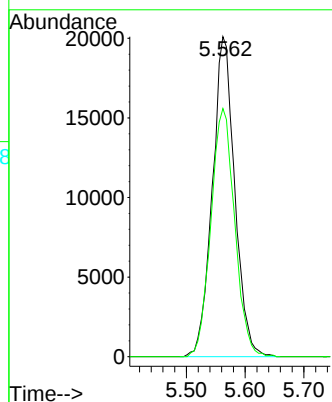


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

Instrument :
MSVOA_X
ClientSampleId :
PB137454ZHE#01

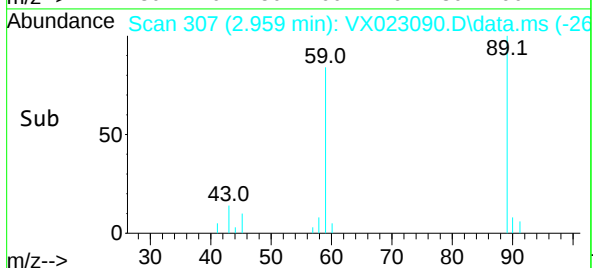
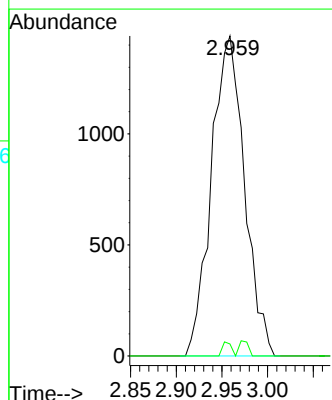
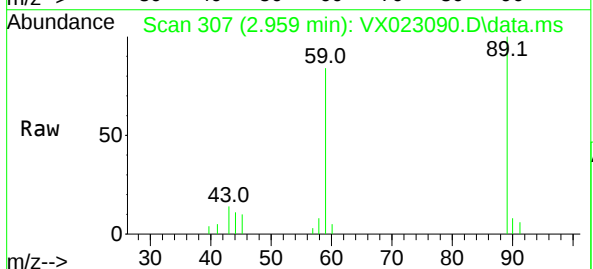


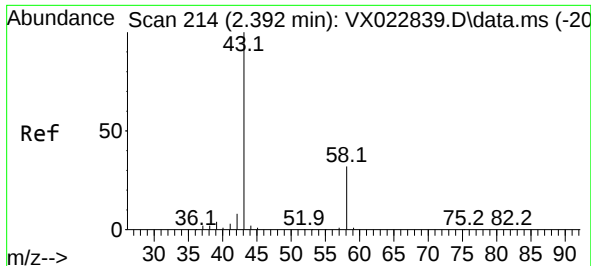
Tgt Ion:168 Resp: 53146
Ion Ratio Lower Upper
168 100
99 77.6 45.8 68.6#



#11
Tert butyl alcohol
Concen: 18.083 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

Tgt Ion: 59 Resp: 3635
Ion Ratio Lower Upper
59 100
57 1.2 7.8 11.8#

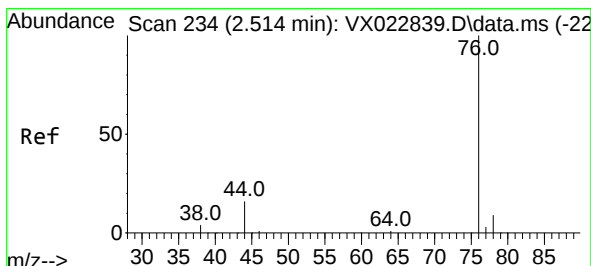
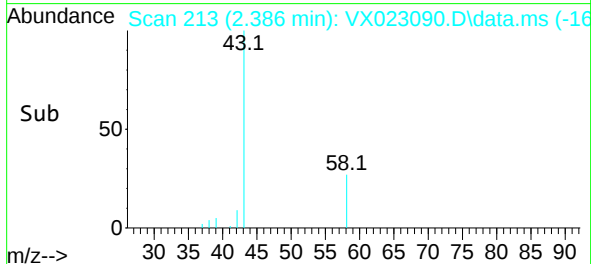
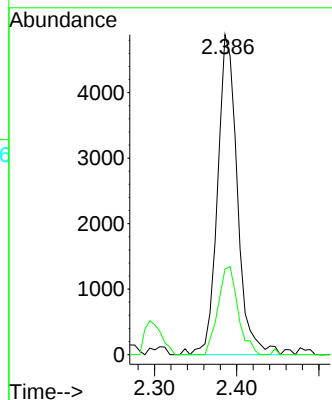
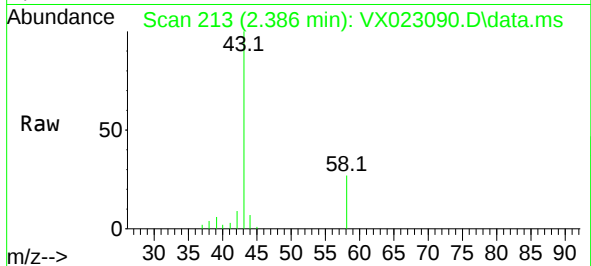




#16
Acetone
Concen: 19.100 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

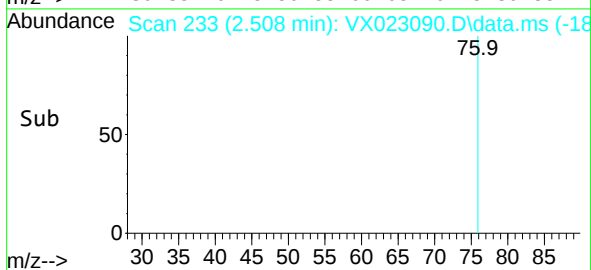
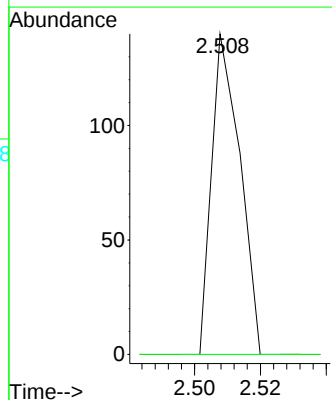
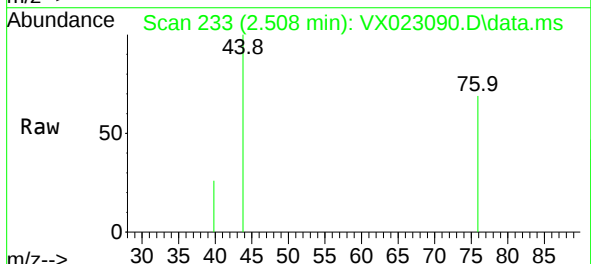
Instrument :
MSVOA_X
ClientSampleId :
PB137454ZHE#01

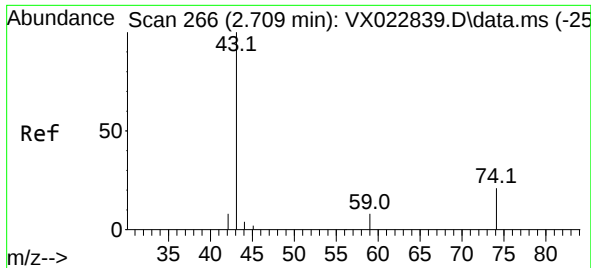
Tgt Ion: 43 Resp: 8167
Ion Ratio Lower Upper
43 100
58 26.7 27.8 41.8#



#17
Carbon Disulfide
Concen: 3.557 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

Tgt Ion: 76 Resp: 83
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

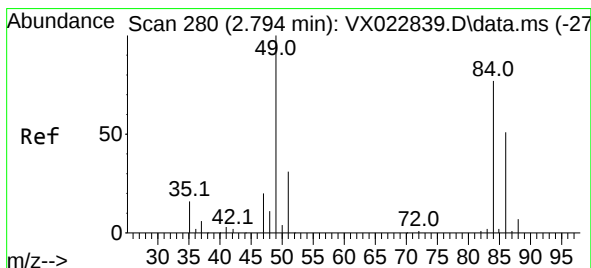
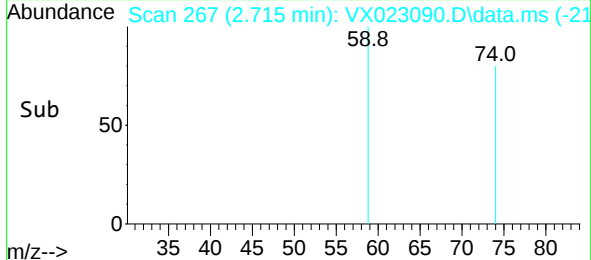
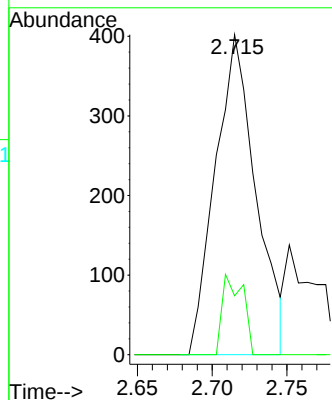
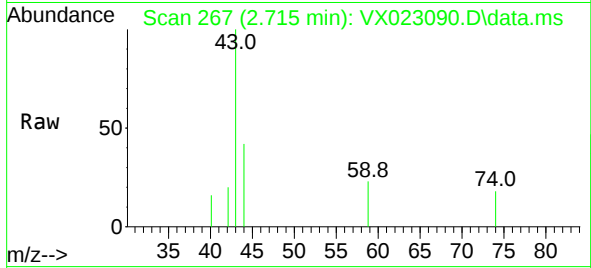




#18
Methyl Acetate
Concen: 0.720 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

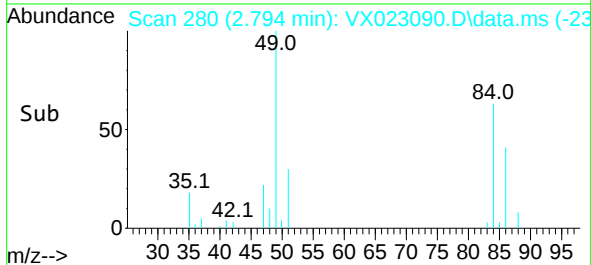
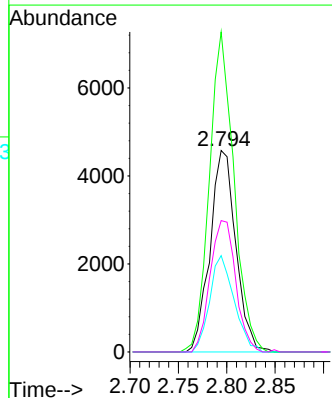
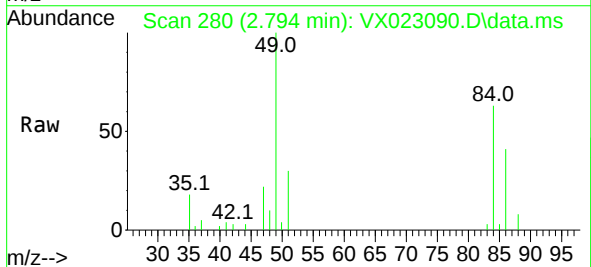
Instrument :
MSVOA_X
ClientSampleId :
PB137454ZHE#01

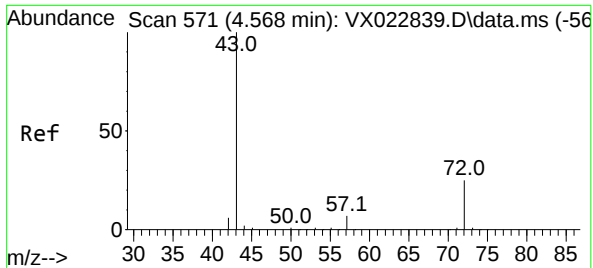
Tgt Ion: 43 Resp: 758
Ion Ratio Lower Upper
43 100
74 12.7 21.9 32.9#



#20
Methylene Chloride
Concen: 10.328 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

Tgt Ion: 84 Resp: 8506
Ion Ratio Lower Upper
84 100
49 158.8 88.6 132.8#
51 47.8 27.0 40.6#
86 65.2 50.3 75.5

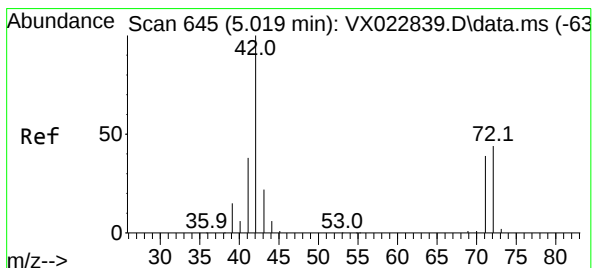
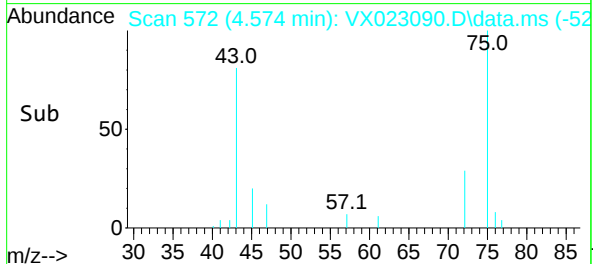
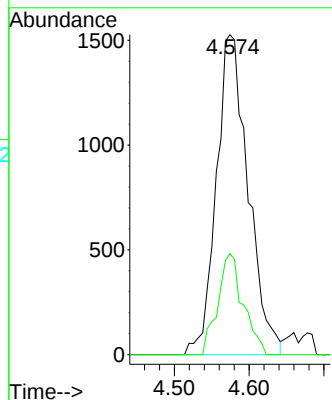
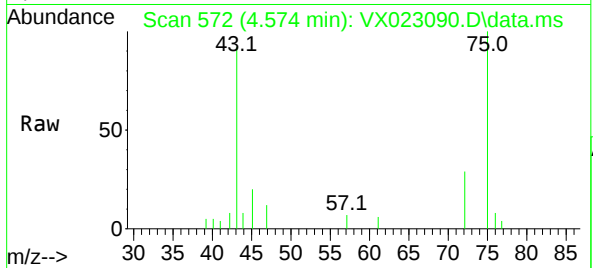




#25
2-Butanone
Concen: 6.795 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

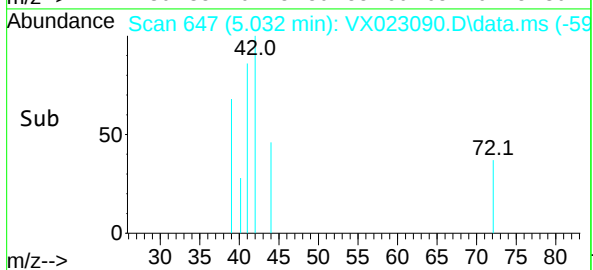
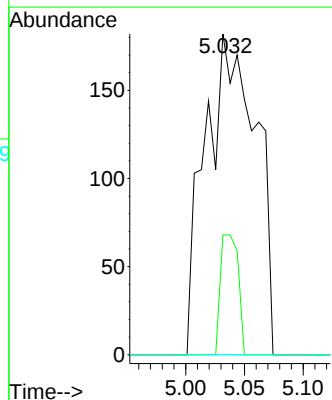
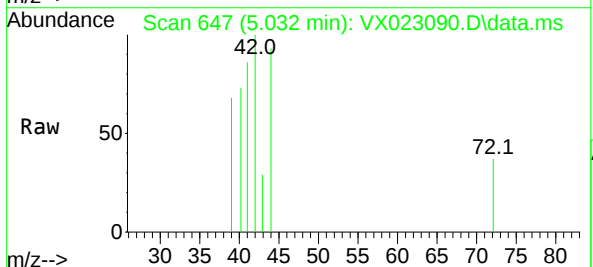
Instrument :
MSVOA_X
ClientSampleId :
PB137454ZHE#01

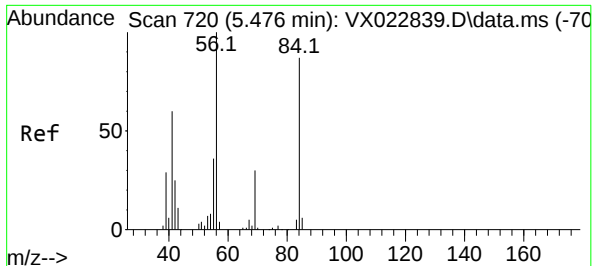
Tgt Ion: 43 Resp: 4518
Ion Ratio Lower Upper
43 100
72 31.6 23.7 35.5



#29
Tetrahydrofuran
Concen: 1.277 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.013 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

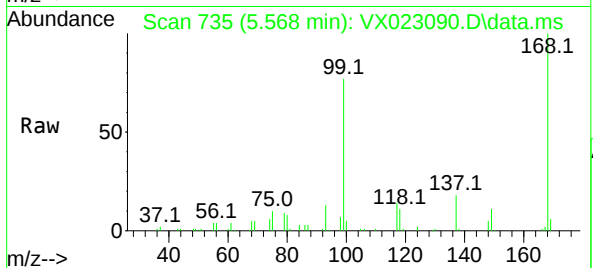
Tgt Ion: 42 Resp: 546
Ion Ratio Lower Upper
42 100
72 13.0 41.7 62.5#
71 0.0 38.4 57.6#



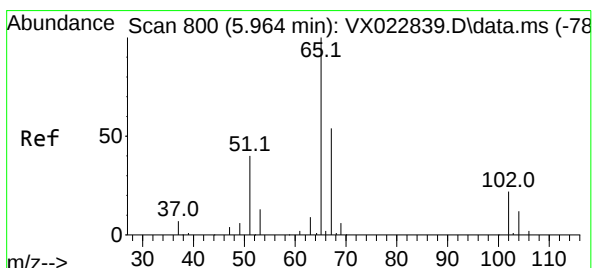
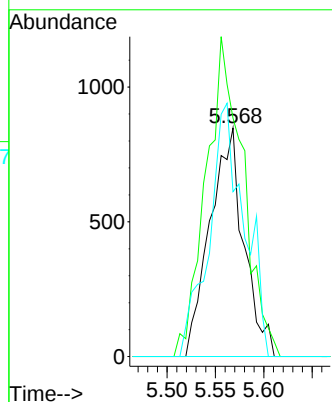
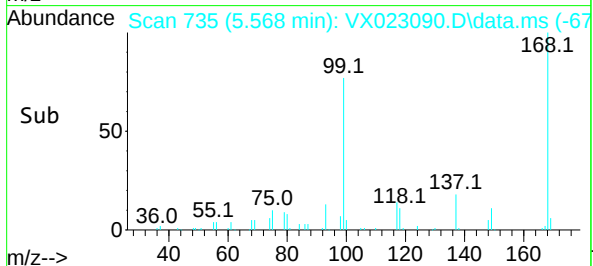


#31
Cyclohexane
Concen: 1.512 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.092 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

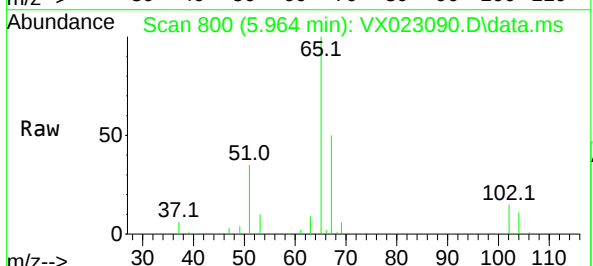
Instrument :
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ClientSampleId :
PB137454ZHE#01



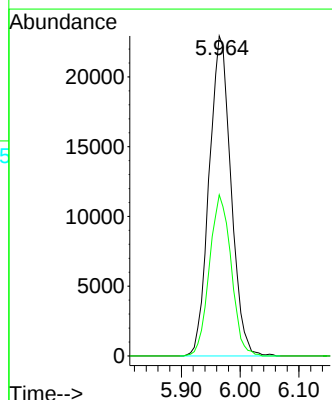
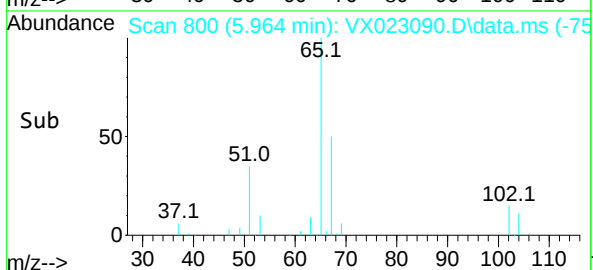
Tgt Ion: 56 Resp: 2059
Ion Ratio Lower Upper
56 100
69 104.4 25.3 37.9#
84 72.2 71.4 107.0

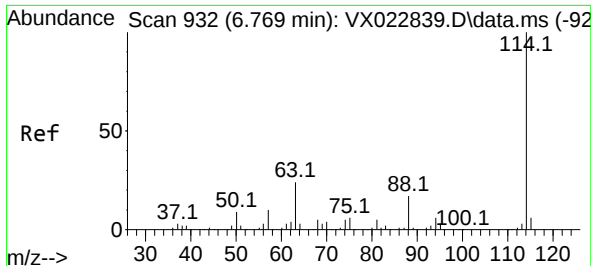


#33
1,2-Dichloroethane-d4
Concen: 61.421 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14



Tgt Ion: 65 Resp: 59240
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.4

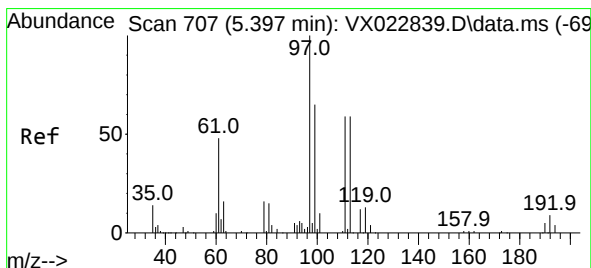
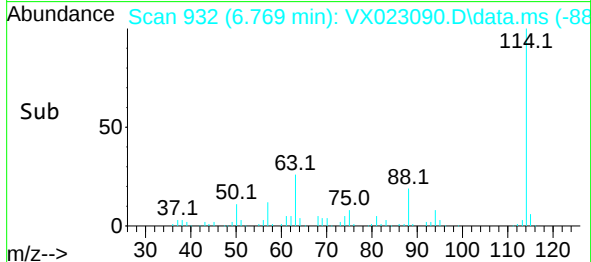
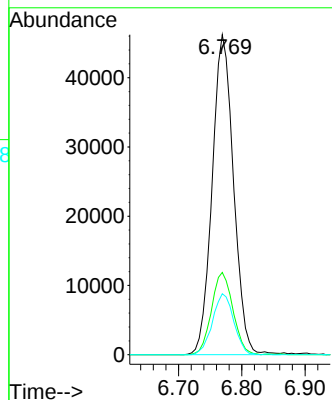
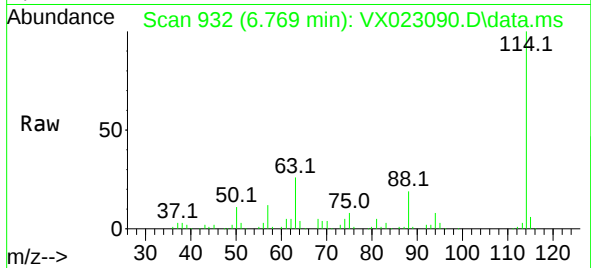




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

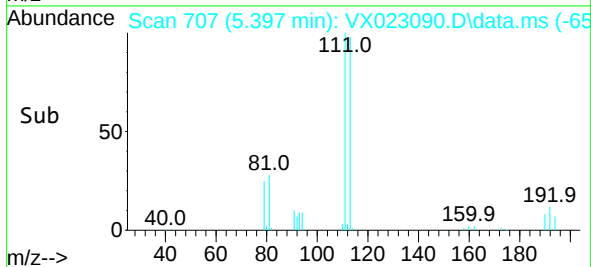
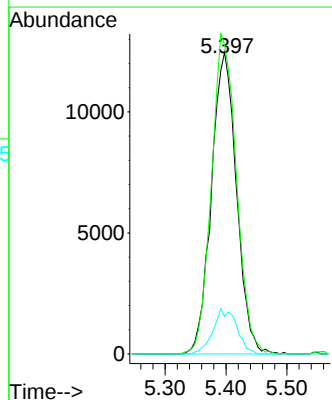
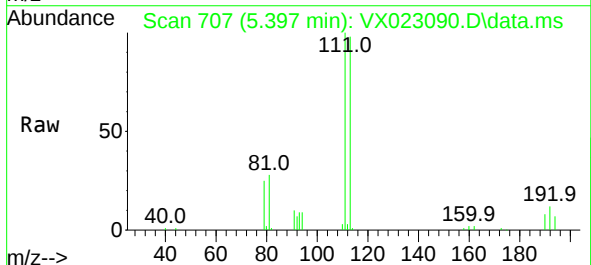
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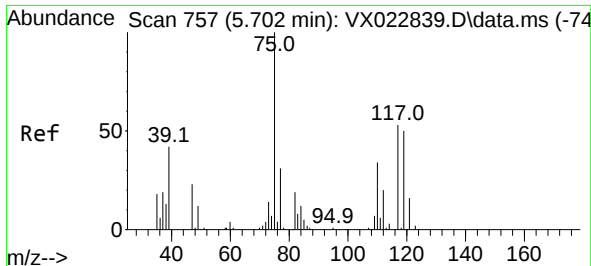
Tgt Ion:114 Resp: 108404
Ion Ratio Lower Upper
114 100
63 25.7 0.0 40.8
88 19.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.769 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

Tgt Ion:113 Resp: 35637
Ion Ratio Lower Upper
113 100
111 105.7 81.9 122.9
192 14.2 16.7 25.1#

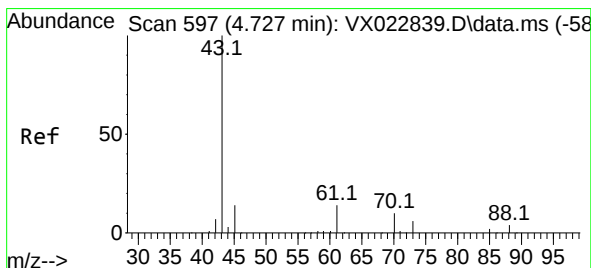
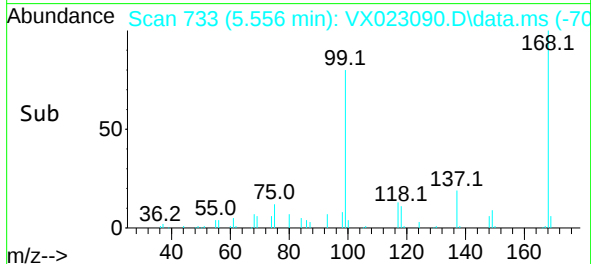
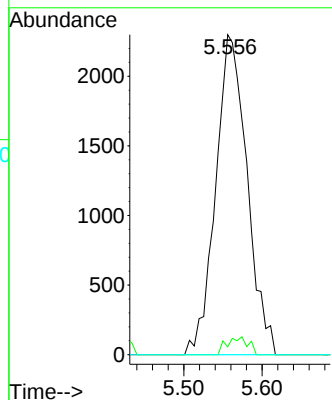
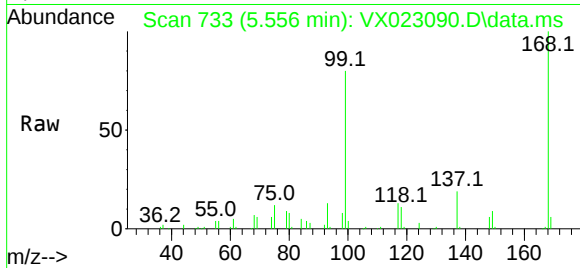




#36
1,1-Dichloropropene
Concen: 5.557 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

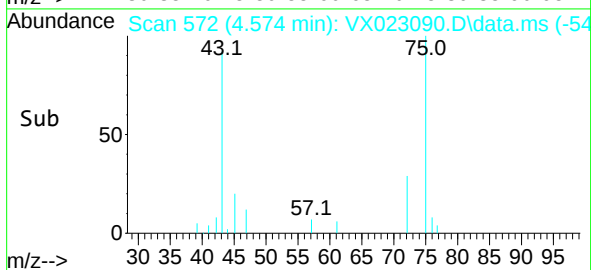
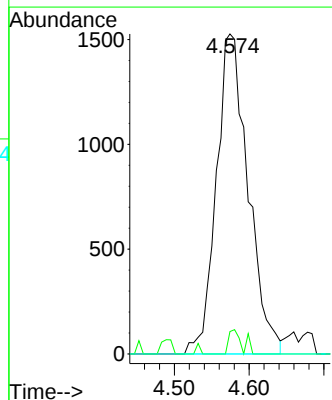
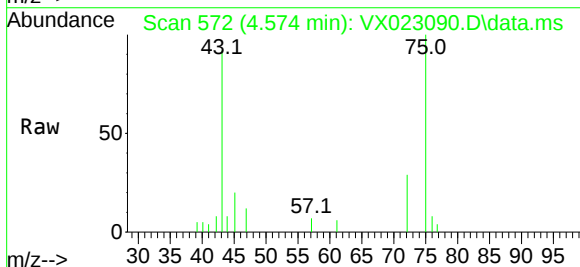
Instrument :
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ClientSampleId :
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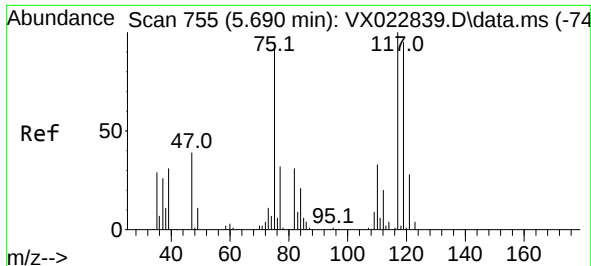
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Ion Ratio Lower Upper
75 100
110 3.8 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 3.387 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.153 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

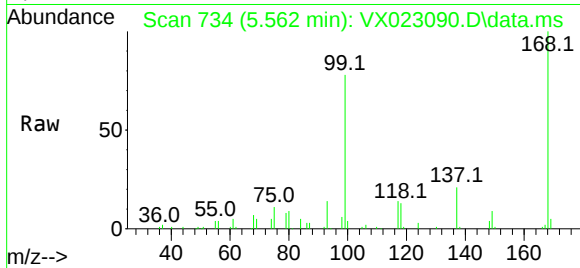
Tgt Ion: 43 Resp: 4518
Ion Ratio Lower Upper
43 100
61 2.4 12.8 19.2#
70 0.0 10.5 15.7#



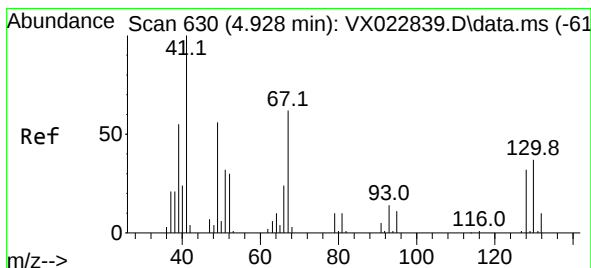
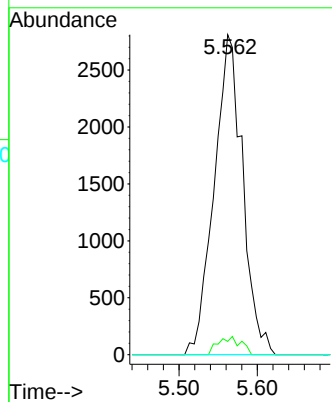
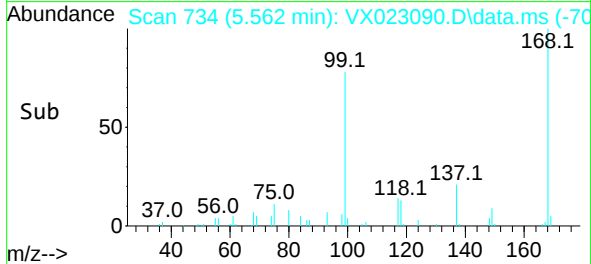


#38
Carbon Tetrachloride
Concen: 7.341 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

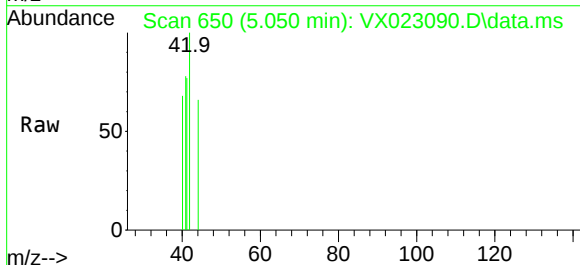
Instrument :
MSVOA_X
ClientSampleId :
PB137454ZHE#01



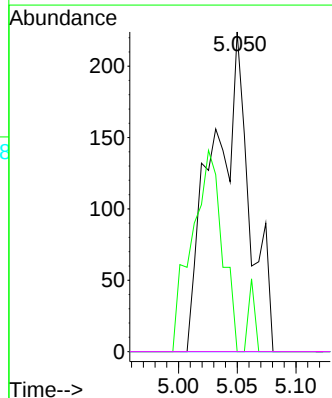
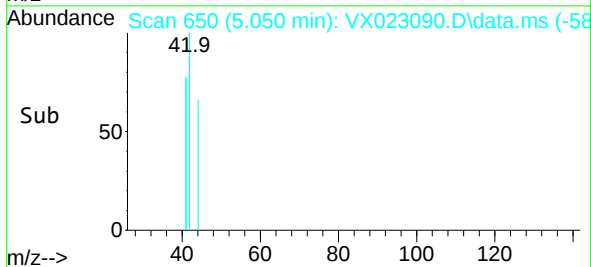
Tgt Ion:117 Resp: 7090
Ion Ratio Lower Upper
117 100
119 4.2 76.2 114.2#
121 0.0 24.8 37.2#

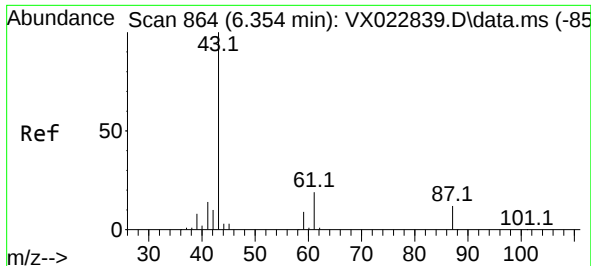


#41
Methacrylonitrile
Concen: 0.659 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.122 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14



Tgt Ion: 41 Resp: 484
Ion Ratio Lower Upper
41 100
39 3.9 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

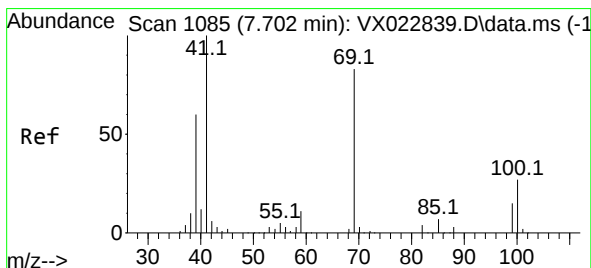
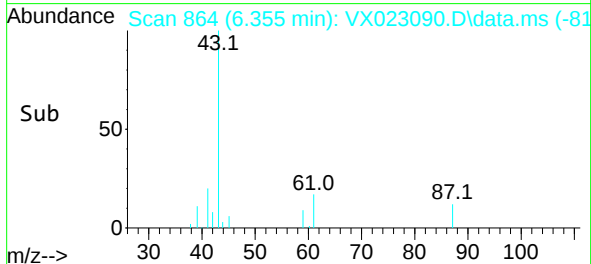
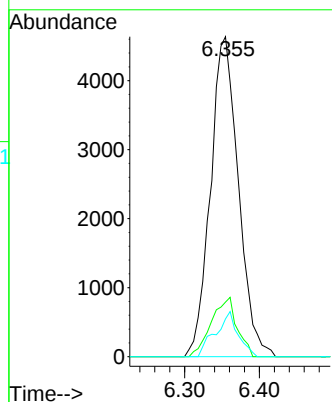
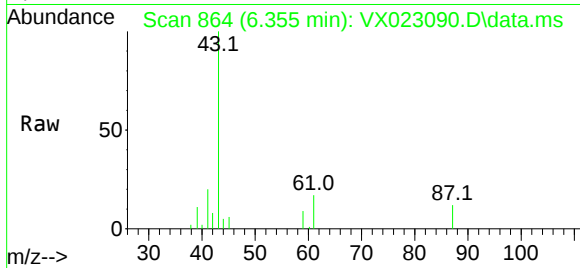




#43
Isopropyl Acetate
Concen: 5.606 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.001 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

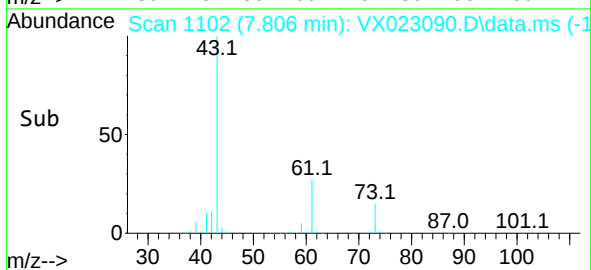
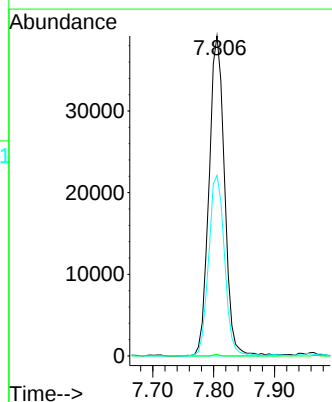
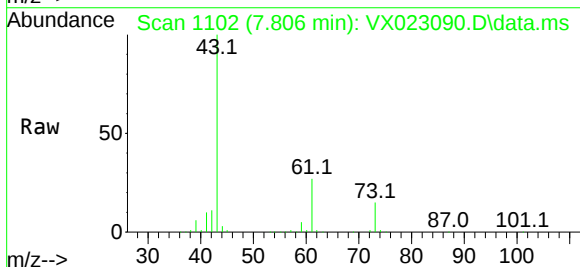
Instrument :
MSVOA_X
ClientSampleId :
PB137454ZHE#01

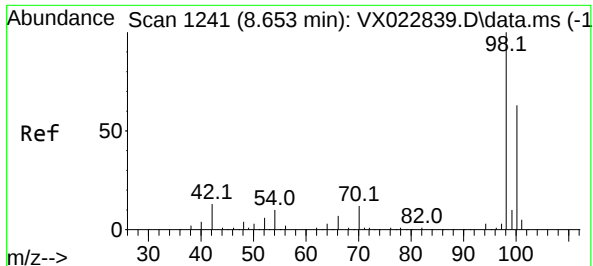
Tgt Ion: 43 Resp: 12022
Ion Ratio Lower Upper
43 100
61 17.0 18.2 27.4#
87 11.5 12.5 18.7#



#48
Methyl methacrylate
Concen: 70.048 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.104 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

Tgt Ion: 41 Resp: 69518
Ion Ratio Lower Upper
41 100
69 0.2 76.0 114.0#
39 57.5 44.6 67.0





#50

Toluene-d8

Concen: 51.763 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023090.D

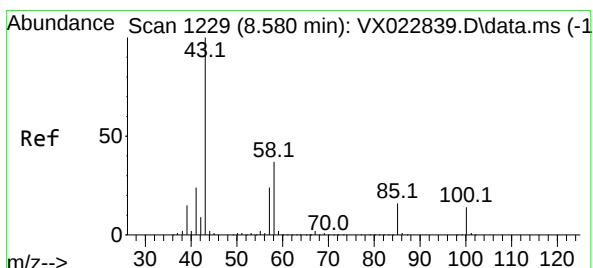
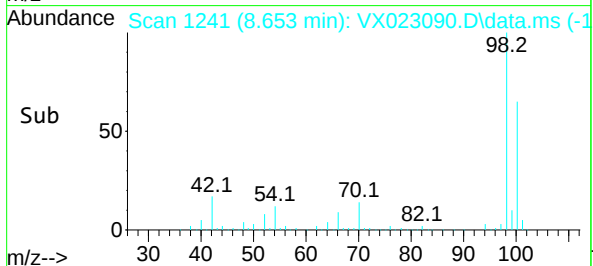
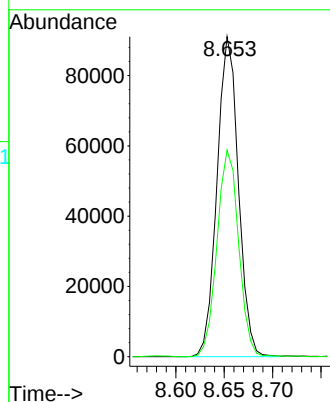
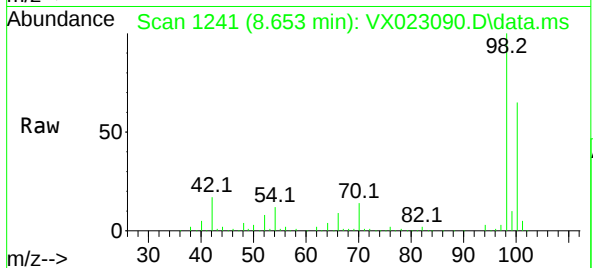
Acq: 01 Jul 2021 17:14

Tgt Ion: 98 Resp: 139652

Ion Ratio Lower Upper

98 100

100 65.6 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 34.406 ug/l

RT: 8.555 min Scan# 1225

Delta R.T. -0.025 min

Lab File: VX023090.D

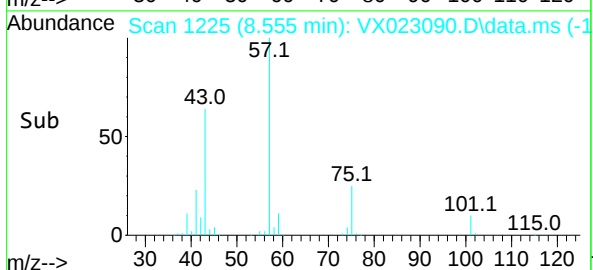
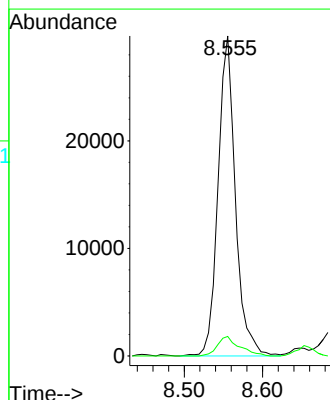
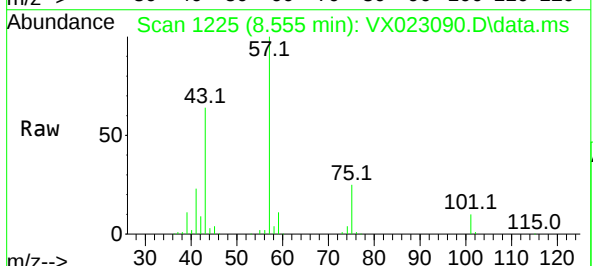
Acq: 01 Jul 2021 17:14

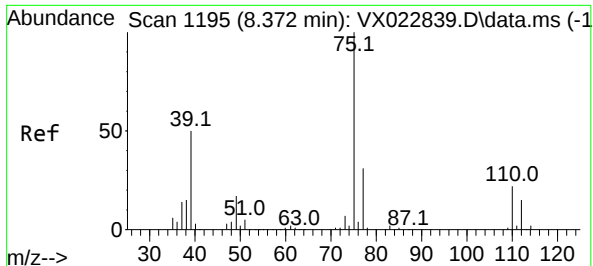
Tgt Ion: 43 Resp: 45917

Ion Ratio Lower Upper

43 100

58 7.7 35.4 53.0#

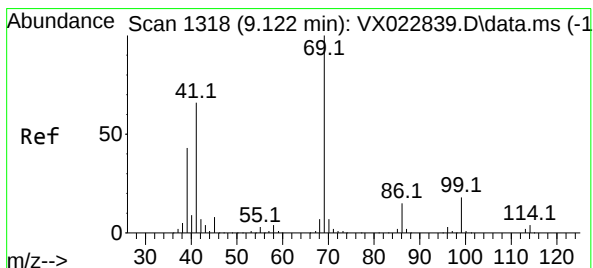
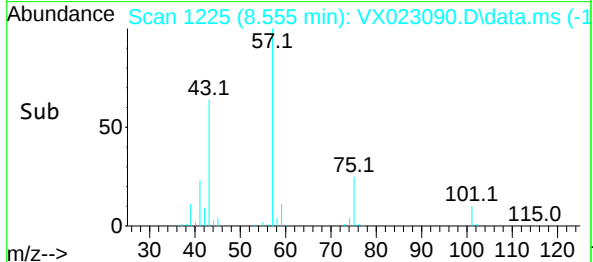
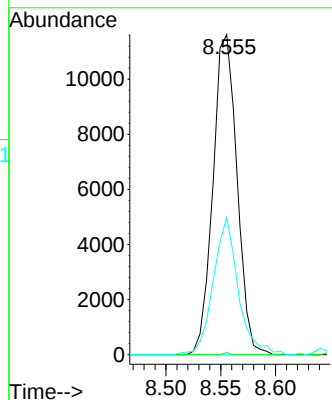
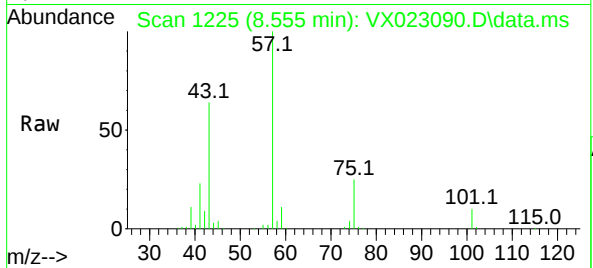




#54
cis-1,3-Dichloropropene
Concen: 14.134 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

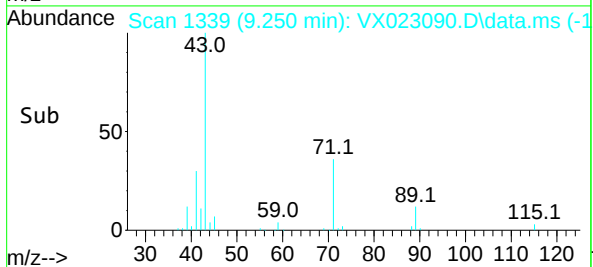
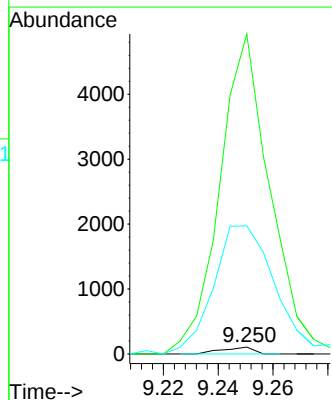
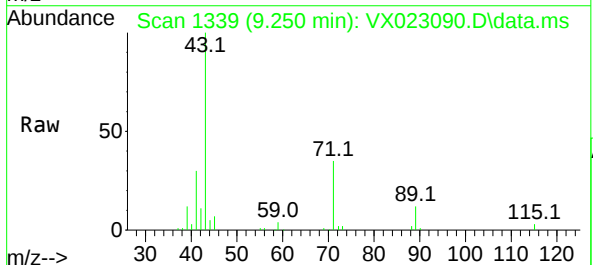
Instrument :
MSVOA_X
ClientSampleId :
PB137454ZHE#01

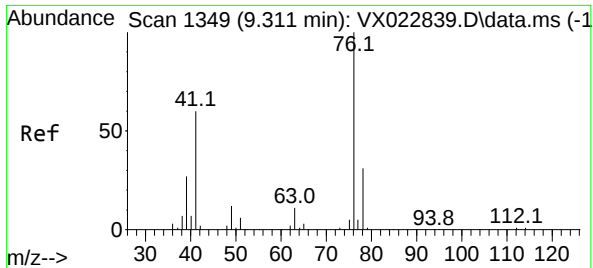
Tgt Ion: 75 Resp: 17736
Ion Ratio Lower Upper
75 100
77 0.7 25.7 38.5#
39 42.4 35.1 52.7



#56
Ethyl methacrylate
Concen: 2.633 ug/l
RT: 9.250 min Scan# 1339
Delta R.T. 0.128 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

Tgt Ion: 69 Resp: 85
Ion Ratio Lower Upper
69 100
41 7384.7 46.8 70.2#
39 3716.5 24.7 37.1#



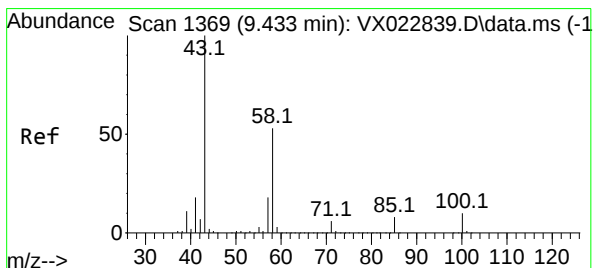
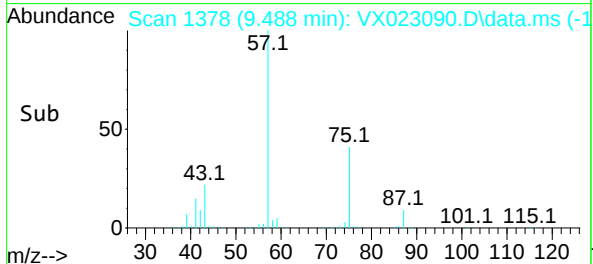
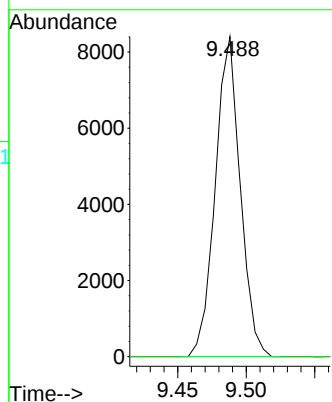
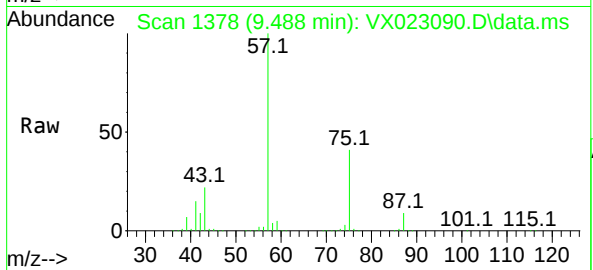


#57

1,3-Dichloropropane
Concen: 7.267 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

Instrument :
MSVOA_X
ClientSampleId :
PB137454ZHE#01

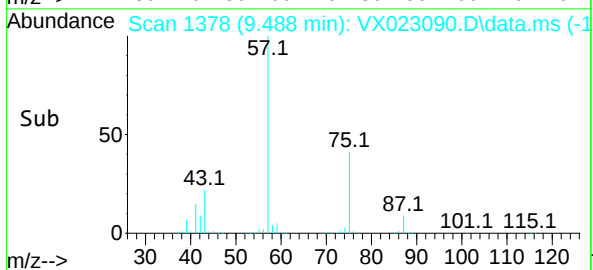
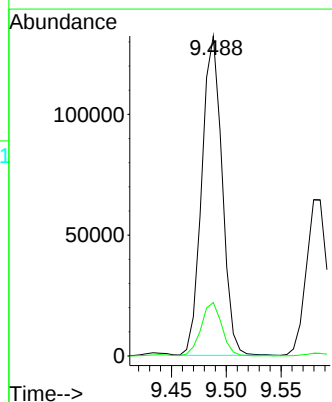
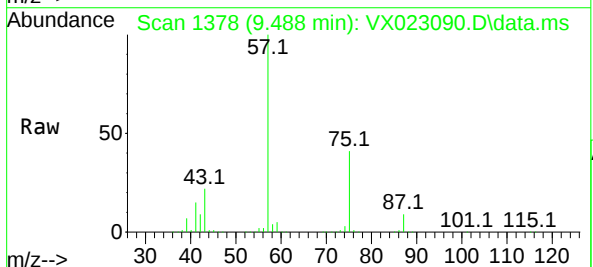
Tgt Ion: 76 Resp: 10638
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

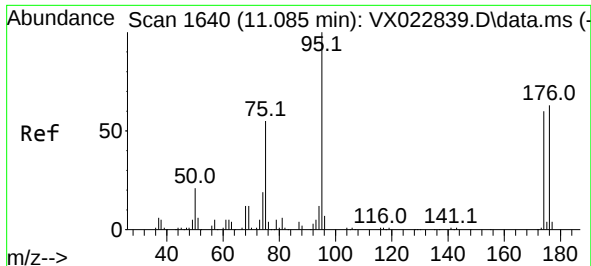


#59

2-Hexanone
Concen: 168.031 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

Tgt Ion: 43 Resp: 170127
Ion Ratio Lower Upper
43 100
58 17.2 30.9 92.8#

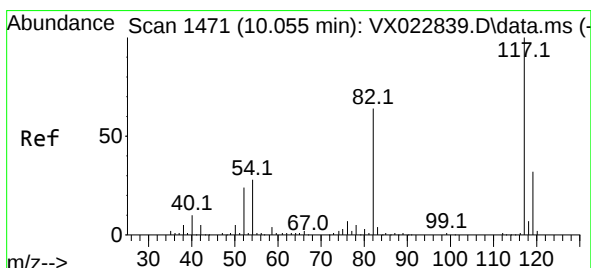
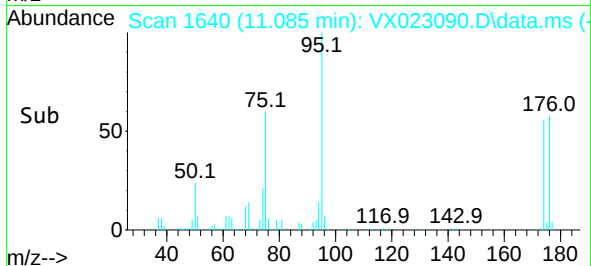
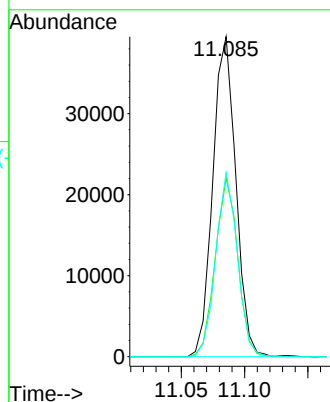
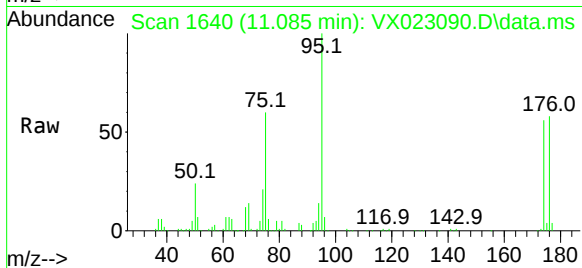




#62
4-Bromofluorobenzene
Concen: 49.604 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

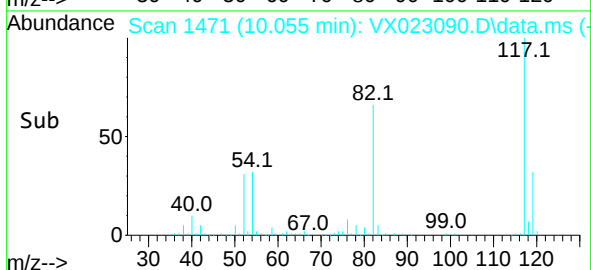
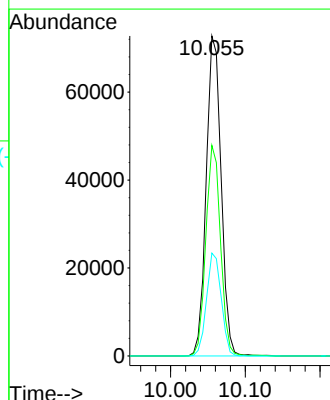
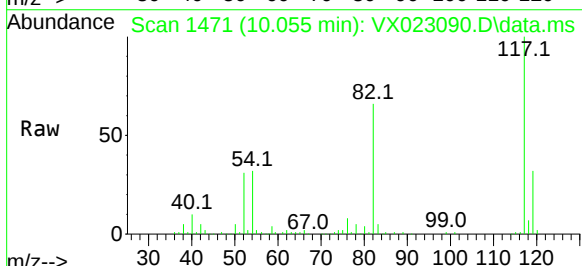
Instrument :
MSVOA_X
ClientSampleId :
PB137454ZHE#01

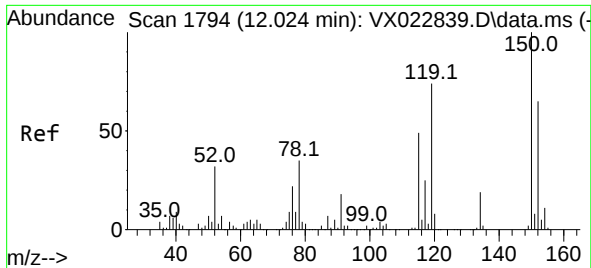
Tgt Ion: 95 Resp: 49946
Ion Ratio Lower Upper
95 100
174 54.6 0.0 154.6
176 54.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

Tgt Ion: 117 Resp: 100875
Ion Ratio Lower Upper
117 100
82 65.8 47.4 71.2
119 32.2 26.6 39.8

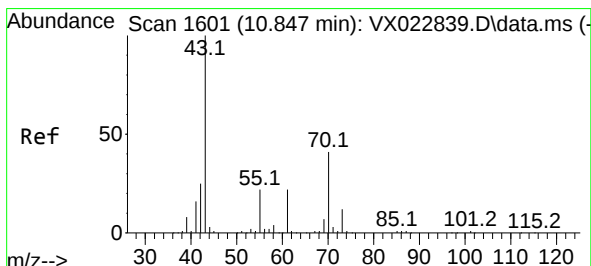
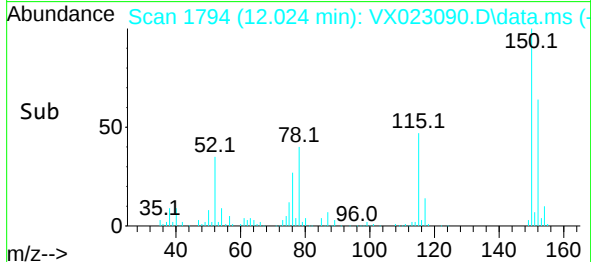
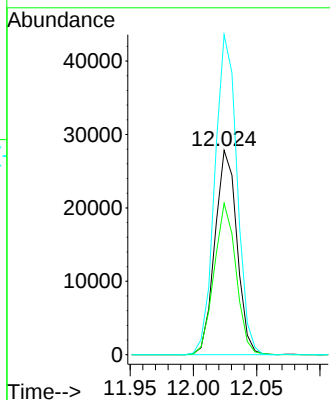
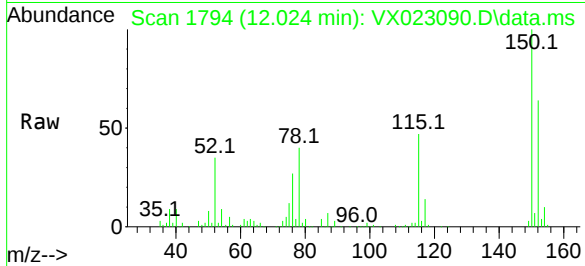




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

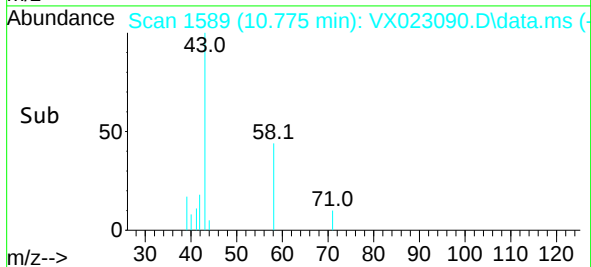
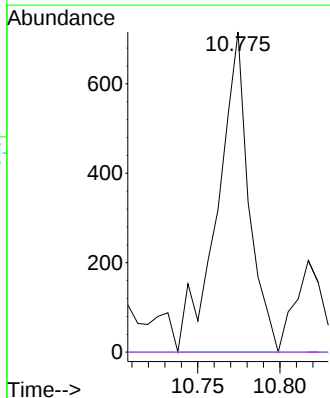
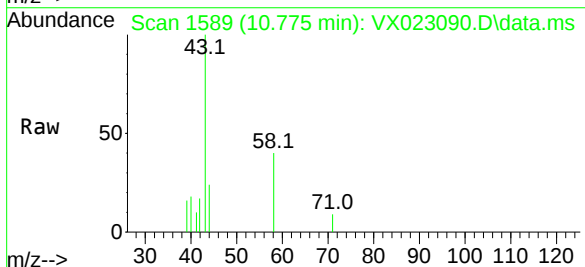
Instrument :
MSVOA_X
ClientSampleId :
PB137454ZHE#01

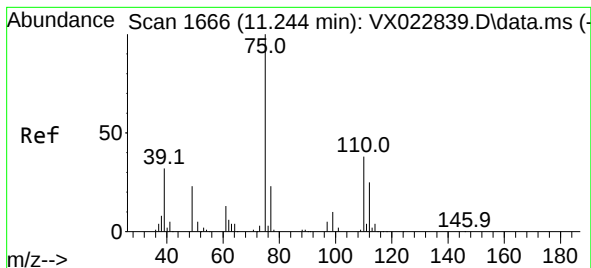
Tgt Ion:152 Resp: 33659
Ion Ratio Lower Upper
152 100
115 73.6 41.1 123.3
150 157.7 0.0 349.0



#74
N-ethyl acetate
Concen: 2.618 ug/l
RT: 10.775 min Scan# 1589
Delta R.T. -0.072 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

Tgt Ion: 43 Resp: 944
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#

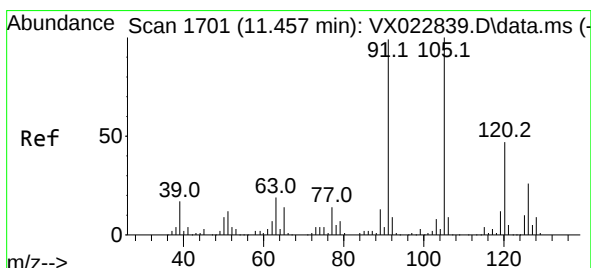
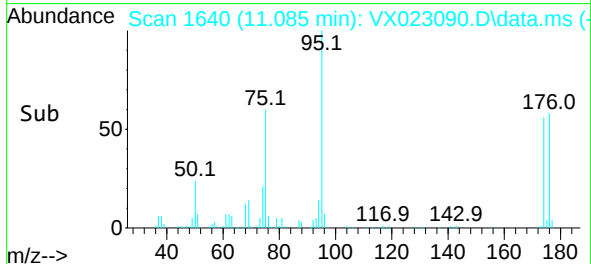
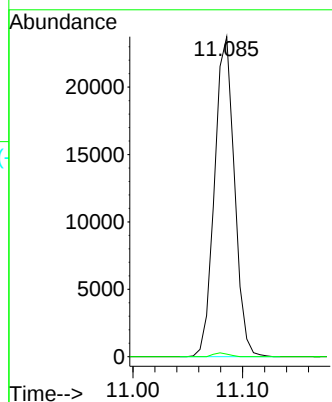
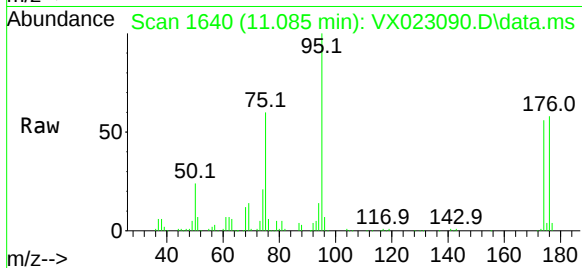




#76
1,2,3-Trichloropropane
Concen: 33.758 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

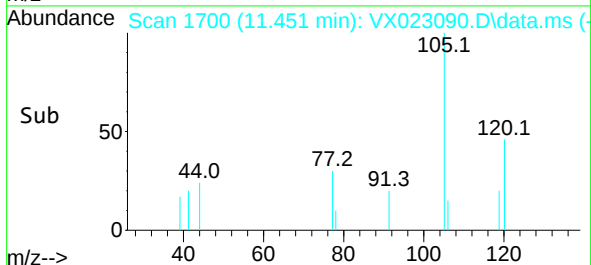
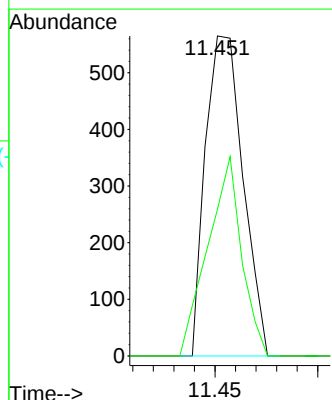
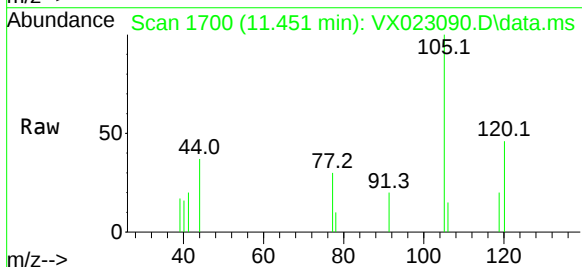
Instrument :
MSVOA_X
ClientSampleId :
PB137454ZHE#01

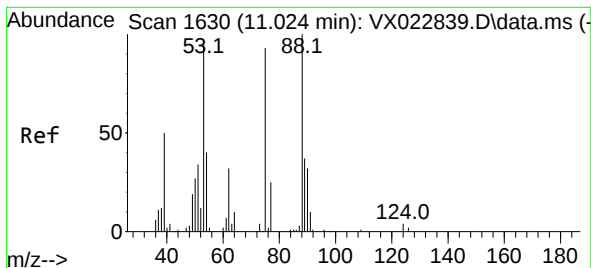
Tgt Ion: 75 Resp: 30013
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.307 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

Tgt Ion: 105 Resp: 717
Ion Ratio Lower Upper
105 100
120 55.9 23.8 71.5

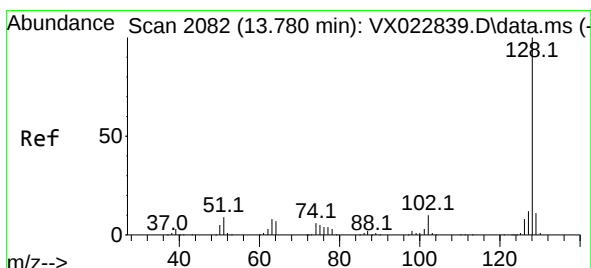
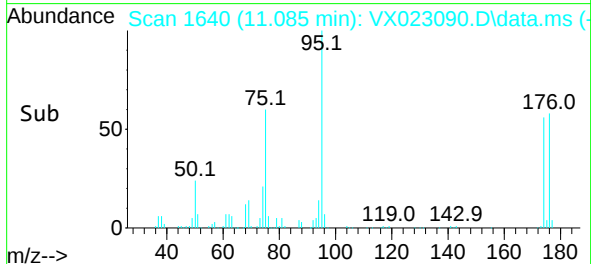
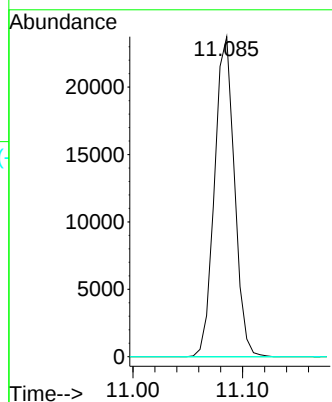
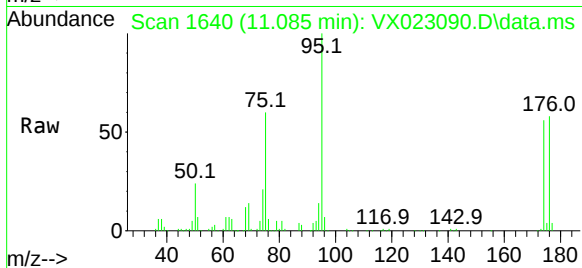




#81
trans-1,4-Dichloro-2-butene
Concen: 85.819 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

Instrument :
MSVOA_X
ClientSampleId :
PB137454ZHE#01

Tgt Ion: 75 Resp: 30013
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.948 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

Tgt Ion: 128 Resp: 73
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

