

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062821\
 Data File : VX022975.D
 Acq On : 28 Jun 2021 13:28
 Operator : JC/MD
 Sample : M2839-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB04-20210622

Quant Time: Jun 29 03:05:23 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)

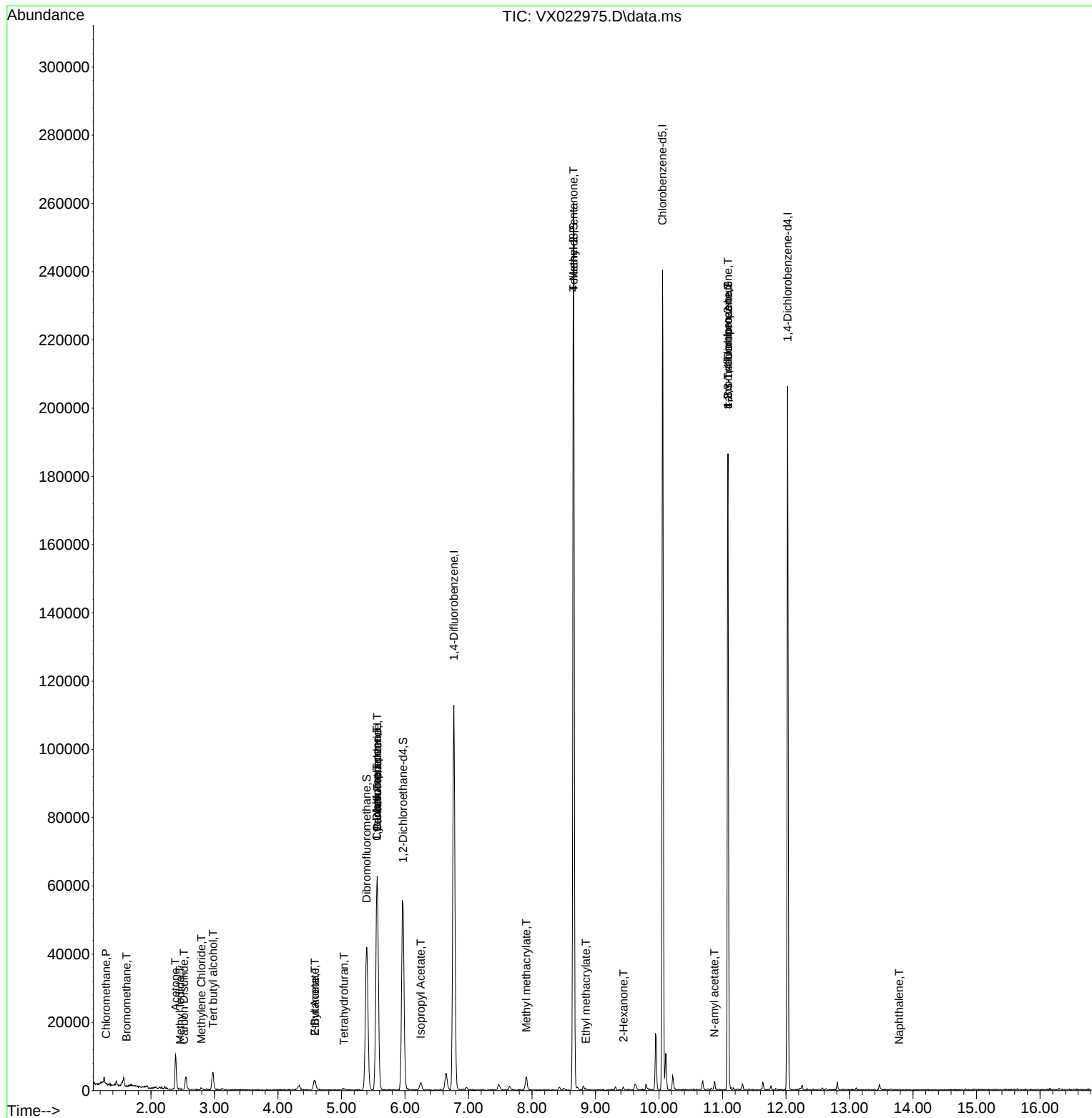
Internal Standards						
1) Pentafluorobenzene	5.562	168	52120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	105771	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	95526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	53499	56.561	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.120%
35) Dibromofluoromethane	5.398	113	36410	54.208	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.420%
50) Toluene-d8	8.653	98	143766	54.614	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	109.220%
62) 4-Bromofluorobenzene	11.086	95	49377	50.260	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.520%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	275	0.341	ug/l #	42
5) Bromomethane	1.618	94	124	0.302	ug/l #	69
10) Methyl Iodide	2.459	142	90	3.981	ug/l #	42
11) Tert butyl alcohol	2.977	59	5737	29.102	ug/l	96
16) Acetone	2.386	43	10681	25.472	ug/l #	88
17) Carbon Disulfide	2.520	76	102	3.567	ug/l #	75
20) Methylene Chloride	2.794	84	279	0.705	ug/l #	74
25) 2-Butanone	4.581	43	5780	8.864	ug/l #	76
29) Tetrahydrofuran	5.038	42	184	0.439	ug/l #	27
31) Cyclohexane	5.556	56	1775	1.329	ug/l #	32
36) 1,1-Dichloropropene	5.556	75	5516	4.910	ug/l #	41
37) Ethyl Acetate	4.581	43	5780	4.441	ug/l #	64
38) Carbon Tetrachloride	5.562	117	6035	6.405	ug/l #	18
43) Isopropyl Acetate	6.245	43	594	0.284	ug/l #	57
48) Methyl methacrylate	7.909	41	1638	1.692	ug/l #	22
51) 4-Methyl-2-Pentanone	8.653	43	659	0.506	ug/l #	1
56) Ethyl methacrylate	8.848	69	54	2.615	ug/l #	1
59) 2-Hexanone	9.439	43	568	0.575	ug/l	82
74) N-amyl acetate	10.872	43	1868	3.107	ug/l #	72
76) 1,2,3-Trichloropropane	11.086	75	27792	29.516	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.086	75	27792	75.853	ug/l #	12
95) Naphthalene	13.780	128	231	1.999	ug/l #	69

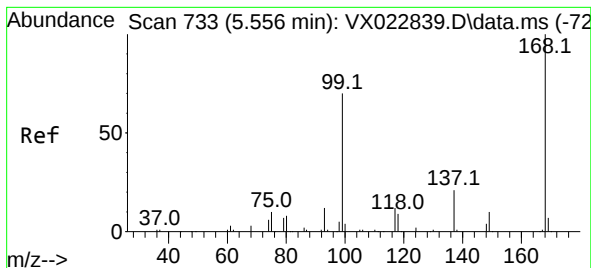
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.006 min

Lab File: VX022975.D

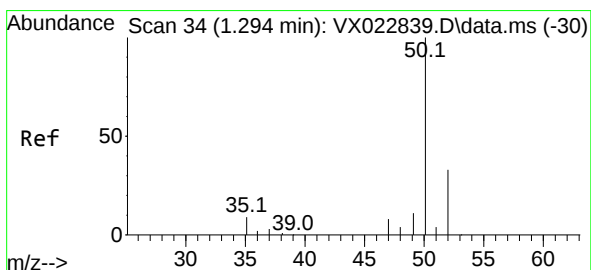
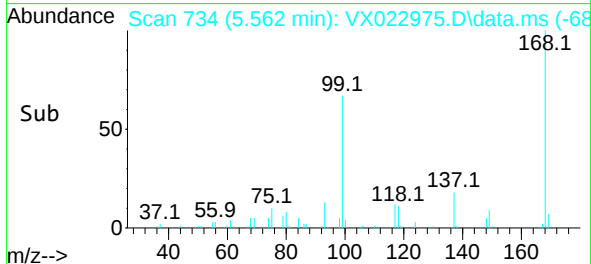
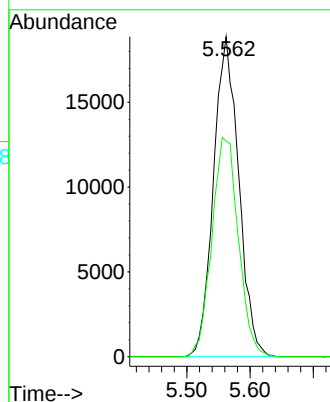
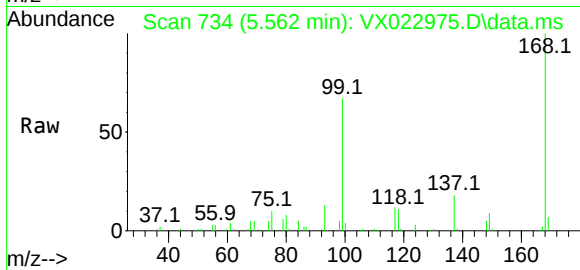
Acq: 28 Jun 2021 13:28

Tgt Ion:168 Resp: 52120

Ion Ratio Lower Upper

168 100

99 67.4 45.8 68.6



#3

Chloromethane

Concen: 0.341 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.001 min

Lab File: VX022975.D

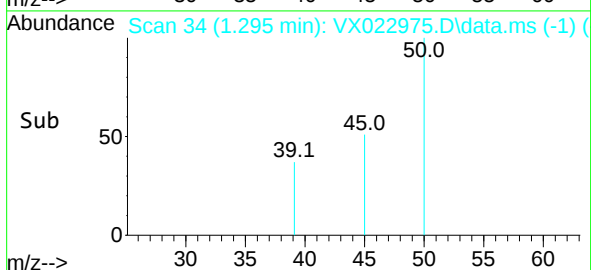
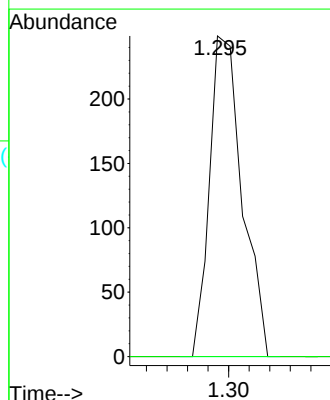
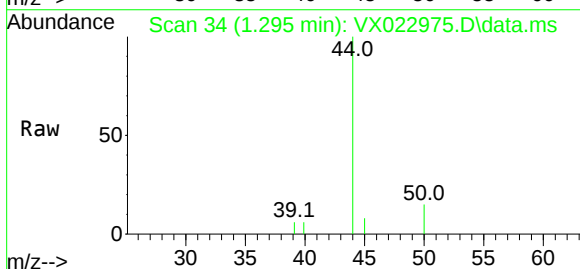
Acq: 28 Jun 2021 13:28

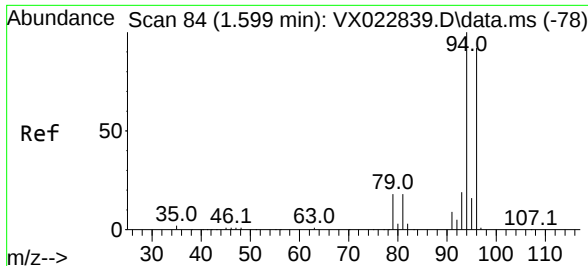
Tgt Ion: 50 Resp: 275

Ion Ratio Lower Upper

50 100

52 0.0 26.4 39.6#

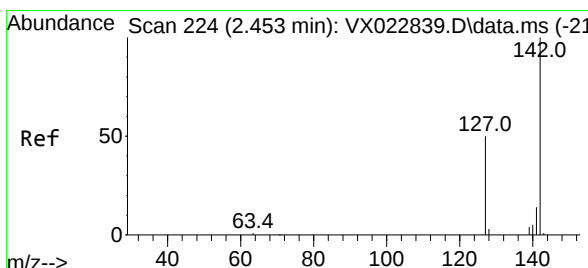
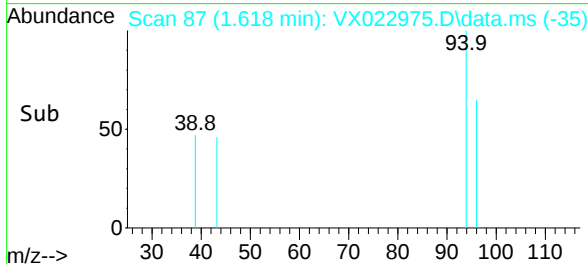
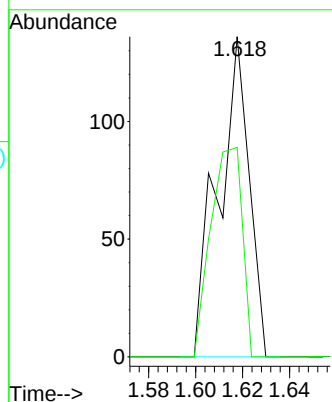
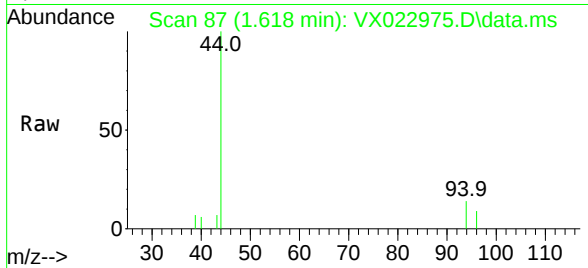




#5
Bromomethane
Concen: 0.302 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX022975.D
Acq: 28 Jun 2021 13:28

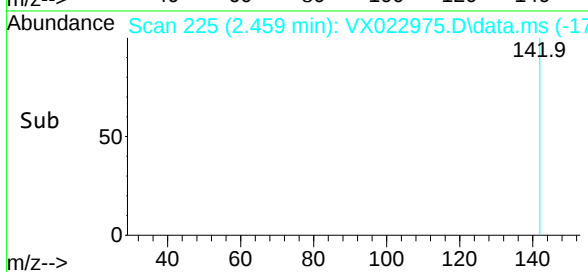
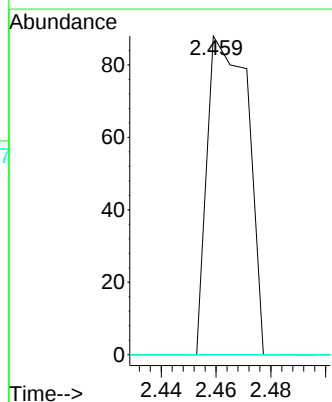
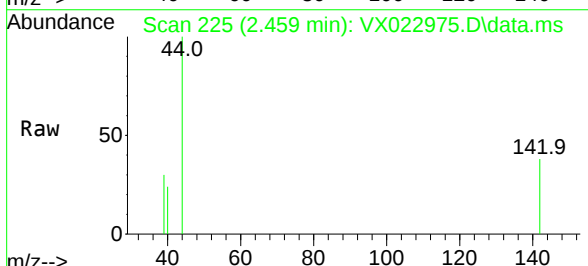
Instrument :
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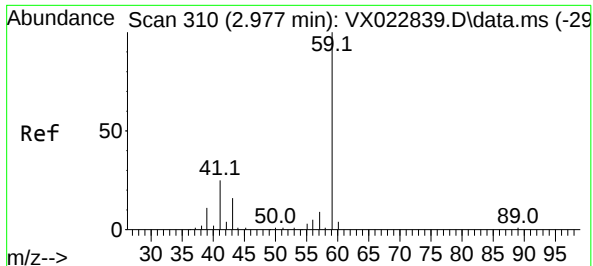
Tgt Ion: 94 Resp: 124
Ion Ratio Lower Upper
94 100
96 65.4 76.4 114.6#



#10
Methyl Iodide
Concen: 3.981 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022975.D
Acq: 28 Jun 2021 13:28

Tgt Ion: 142 Resp: 90
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



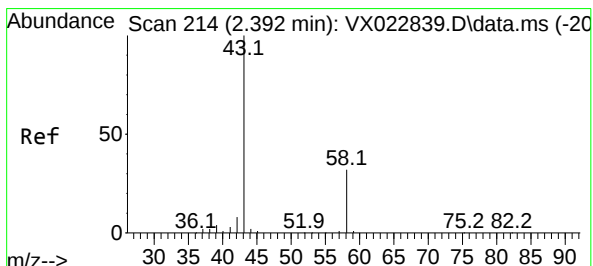
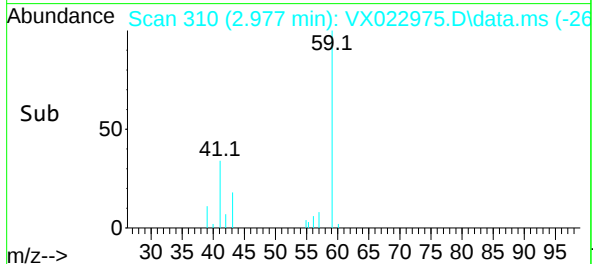
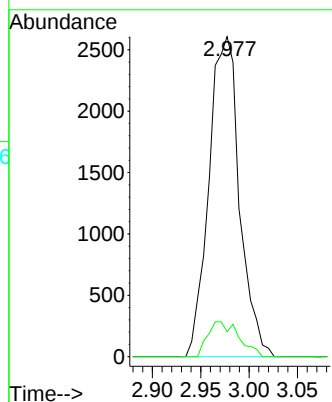
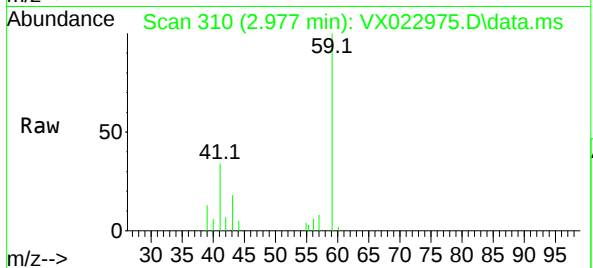


#11

Tert butyl alcohol
Concen: 29.102 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX022975.D
Acq: 28 Jun 2021 13:28

Instrument :
MSVOA_X
ClientSampleId :
FB04-20210622

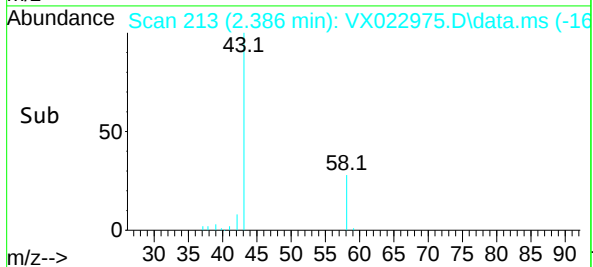
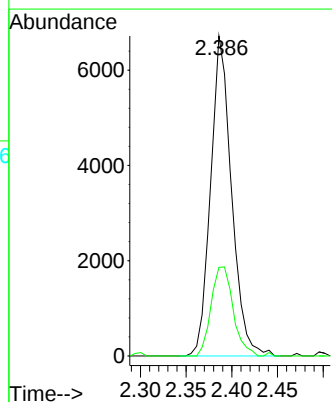
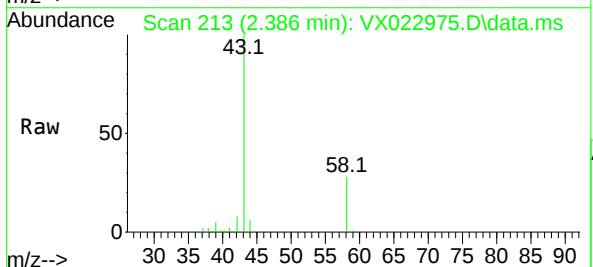
Tgt Ion: 59 Resp: 5737
Ion Ratio Lower Upper
59 100
57 11.1 7.8 11.8

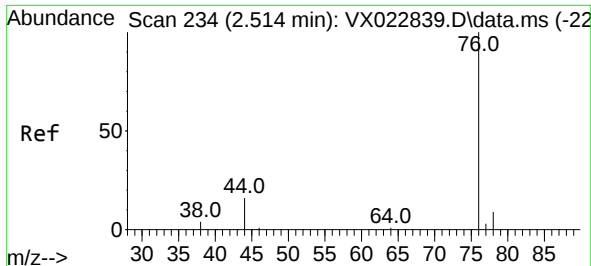


#16

Acetone
Concen: 25.472 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022975.D
Acq: 28 Jun 2021 13:28

Tgt Ion: 43 Resp: 10681
Ion Ratio Lower Upper
43 100
58 27.7 27.8 41.8#

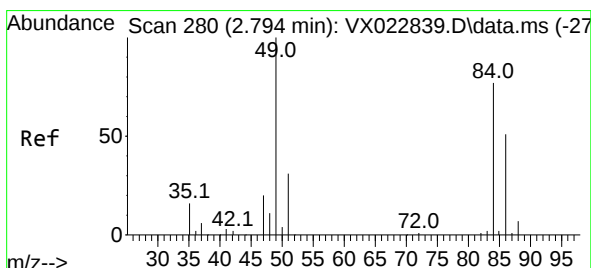
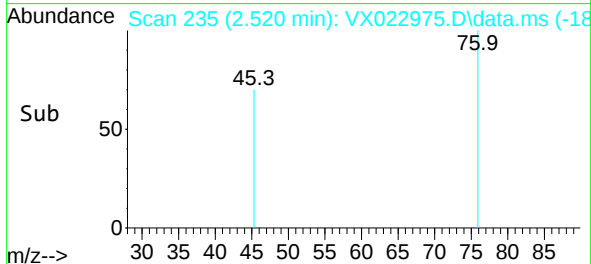
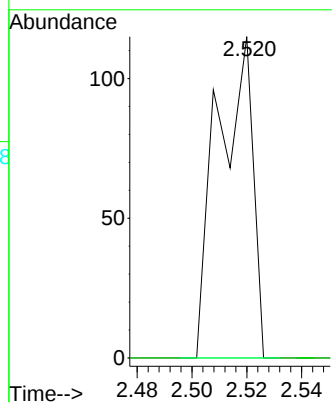
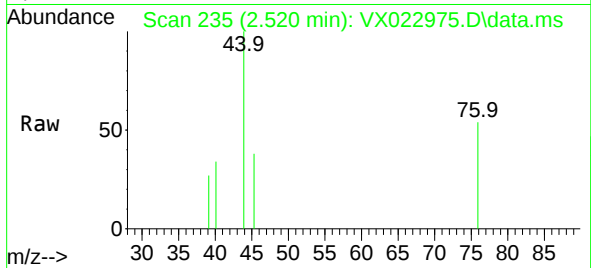




#17
Carbon Disulfide
Concen: 3.567 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022975.D
Acq: 28 Jun 2021 13:28

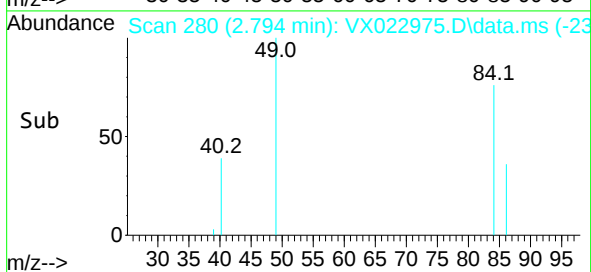
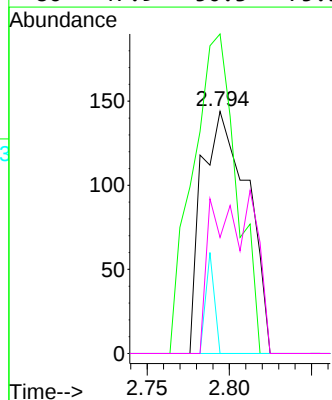
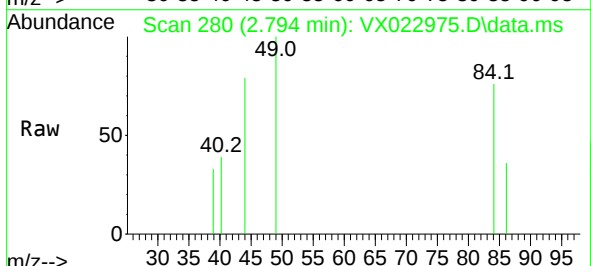
Instrument :
MSVOA_X
ClientSampleId :
FB04-20210622

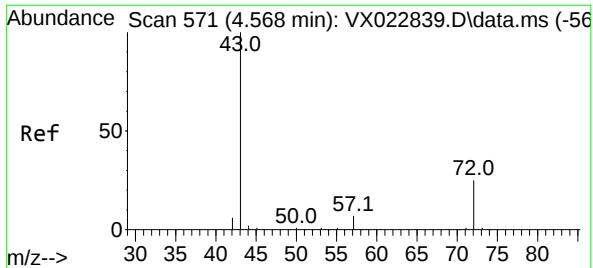
Tgt Ion: 76 Resp: 102
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.705 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022975.D
Acq: 28 Jun 2021 13:28

Tgt Ion: 84 Resp: 279
Ion Ratio Lower Upper
84 100
49 131.9 88.6 132.8
51 0.0 27.0 40.6#
86 47.9 50.3 75.5#

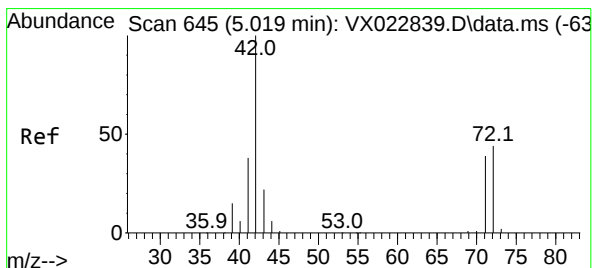
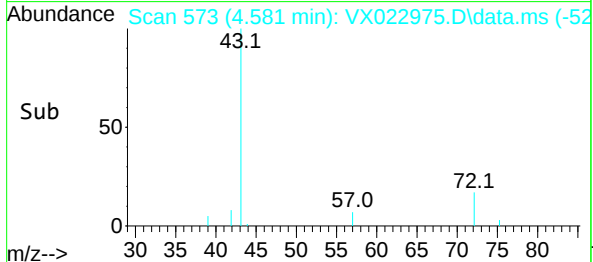
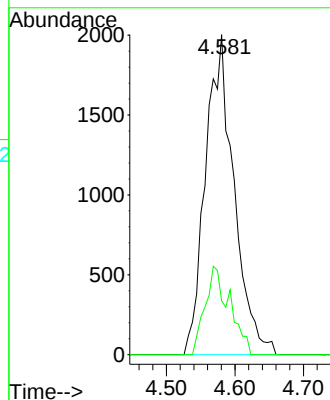
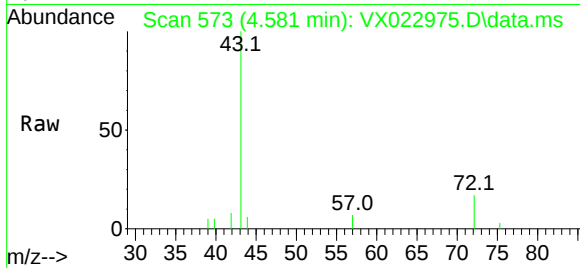




#25
2-Butanone
Concen: 8.864 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.013 min
Lab File: VX022975.D
Acq: 28 Jun 2021 13:28

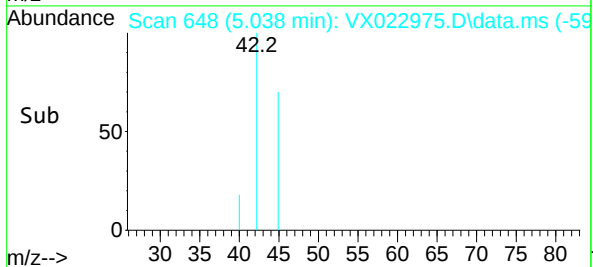
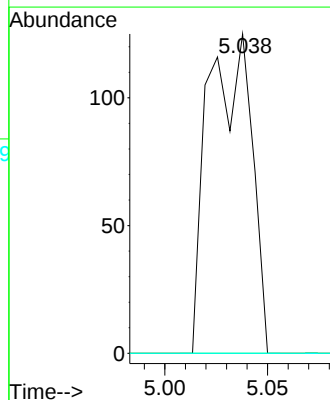
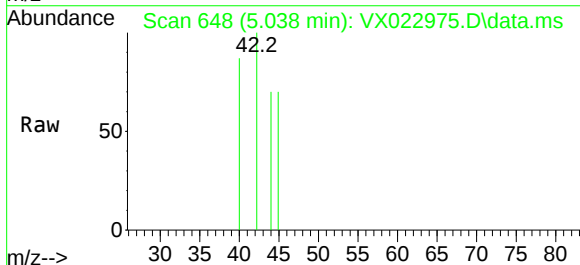
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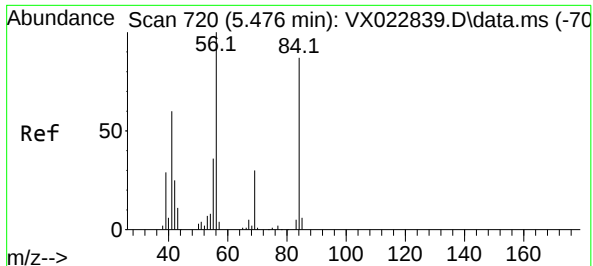
Tgt Ion: 43 Resp: 5780
Ion Ratio Lower Upper
43 100
72 16.8 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.439 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.019 min
Lab File: VX022975.D
Acq: 28 Jun 2021 13:28

Tgt Ion: 42 Resp: 184
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 0.0 38.4 57.6#

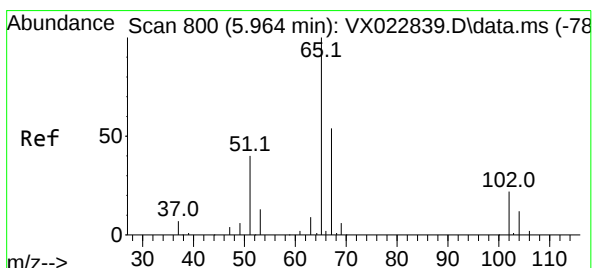
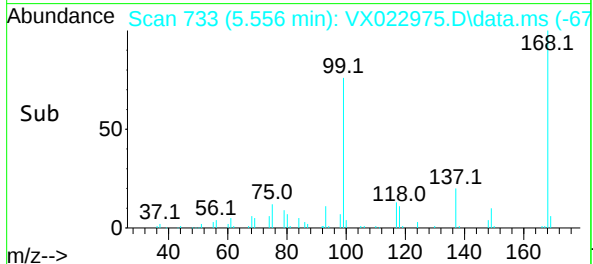
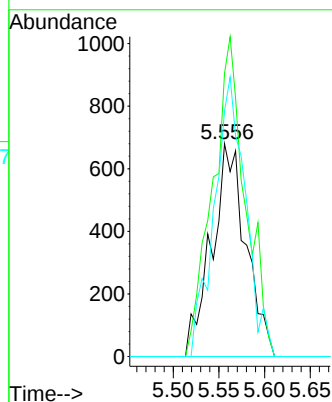
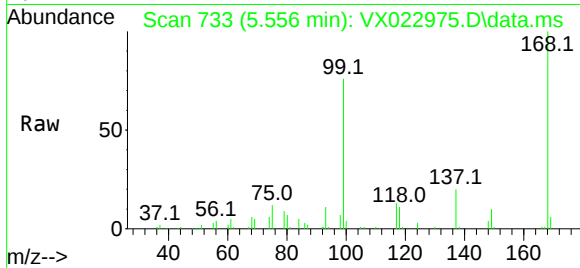




#31
Cyclohexane
Concen: 1.329 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.080 min
Lab File: VX022975.D
Acq: 28 Jun 2021 13:28

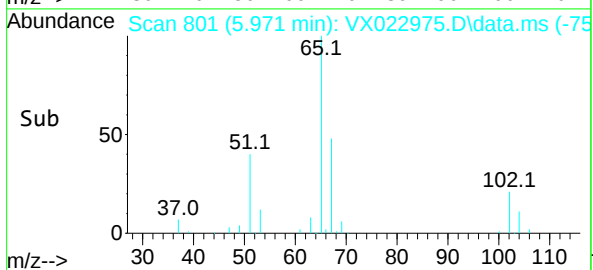
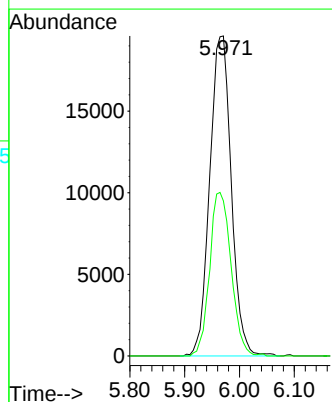
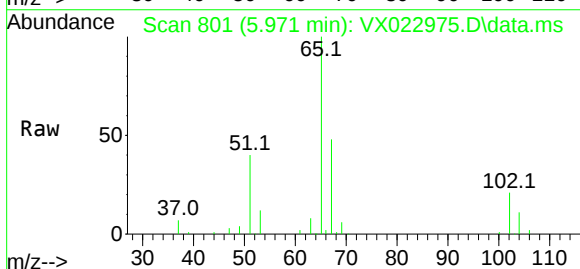
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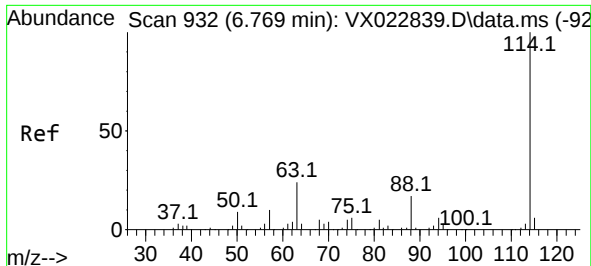
Tgt Ion: 56 Resp: 1775
Ion Ratio Lower Upper
56 100
69 133.1 25.3 37.9#
84 115.3 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 56.561 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.007 min
Lab File: VX022975.D
Acq: 28 Jun 2021 13:28

Tgt Ion: 65 Resp: 53499
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.4

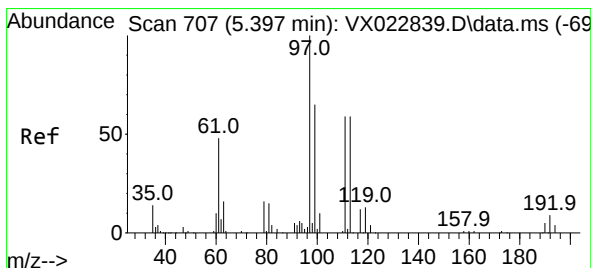
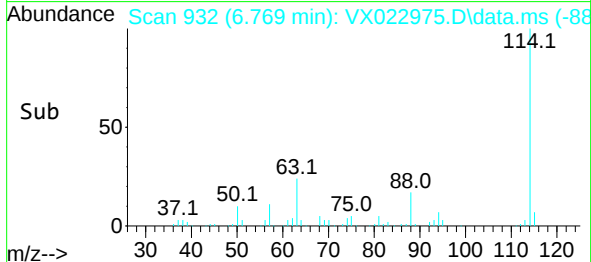
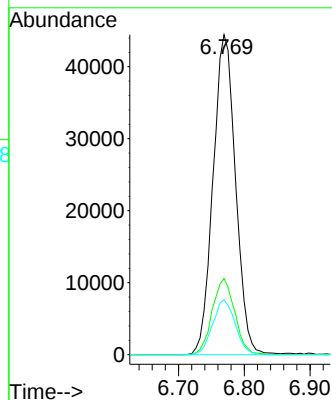
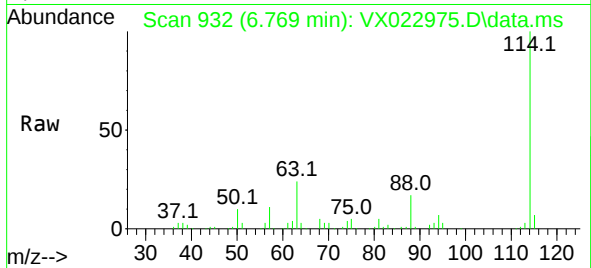




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022975.D
Acq: 28 Jun 2021 13:28

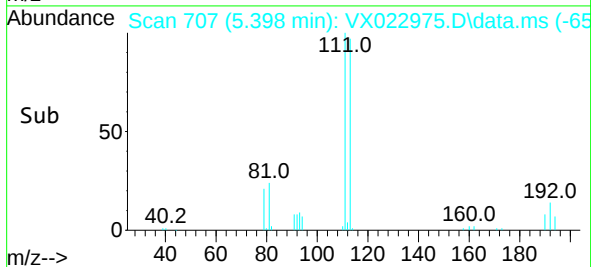
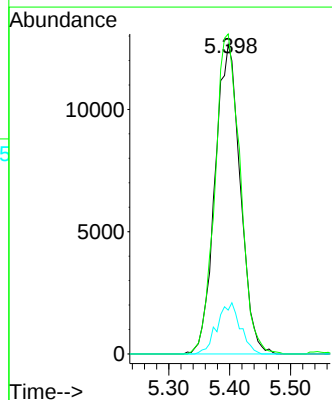
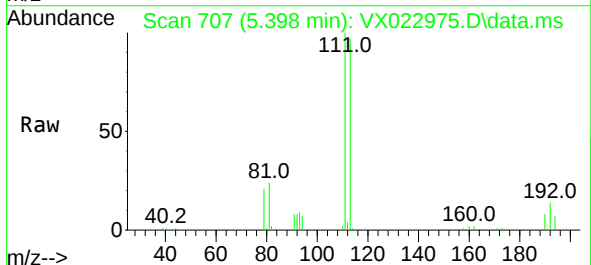
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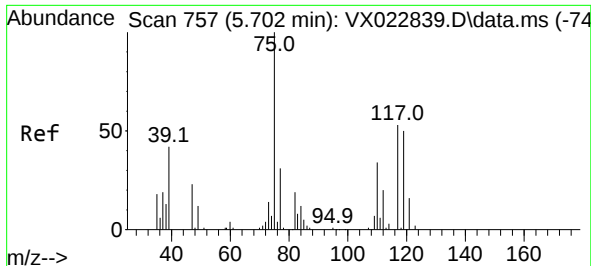
Tgt Ion:114 Resp: 105771
Ion Ratio Lower Upper
114 100
63 23.8 0.0 40.8
88 17.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 54.208 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022975.D
Acq: 28 Jun 2021 13:28

Tgt Ion:113 Resp: 36410
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 15.2 16.7 25.1#

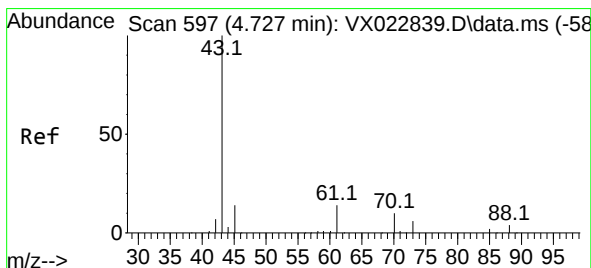
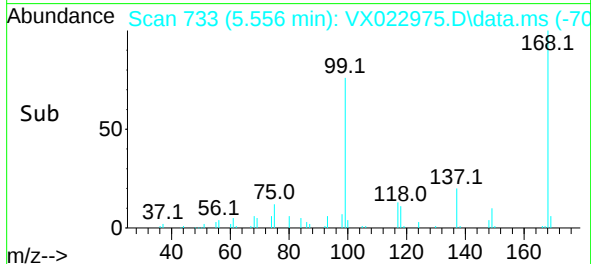
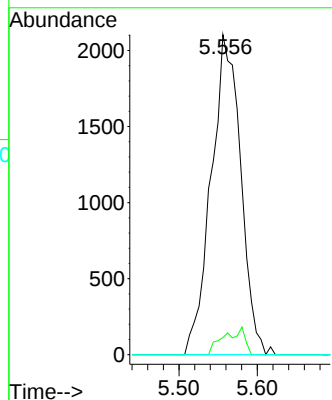
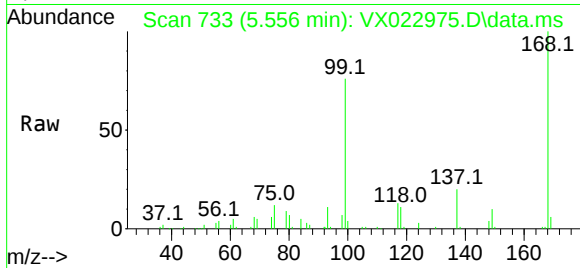




#36
1,1-Dichloropropene
Concen: 4.910 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022975.D
Acq: 28 Jun 2021 13:28

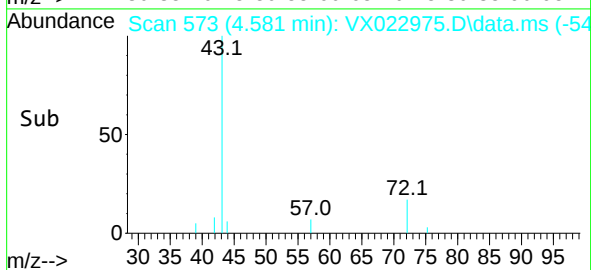
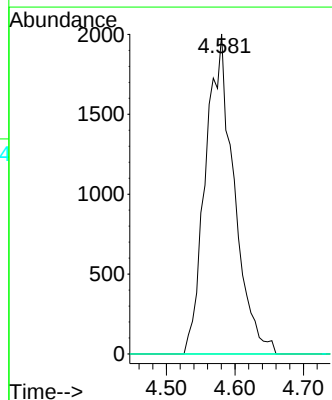
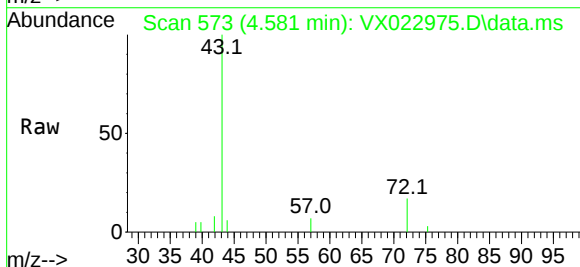
Instrument :
MSVOA_X
ClientSampleId :
FB04-20210622

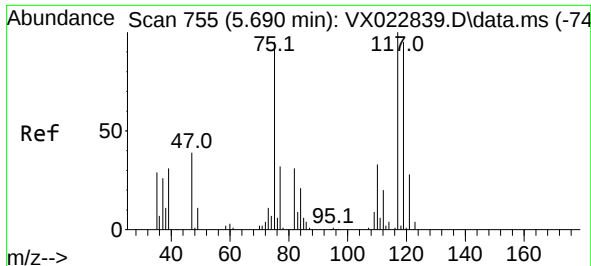
Tgt Ion: 75 Resp: 5516
Ion Ratio Lower Upper
75 100
110 0.0 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 4.441 ug/l
RT: 4.581 min Scan# 573
Delta R.T. -0.146 min
Lab File: VX022975.D
Acq: 28 Jun 2021 13:28

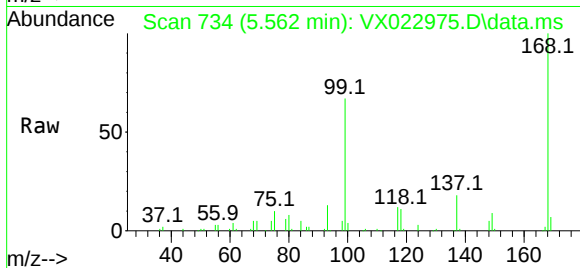
Tgt Ion: 43 Resp: 5780
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



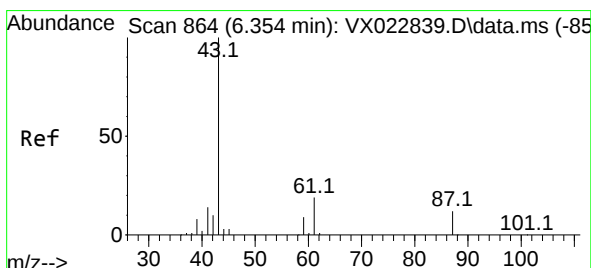
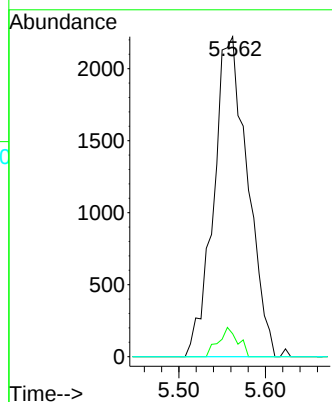
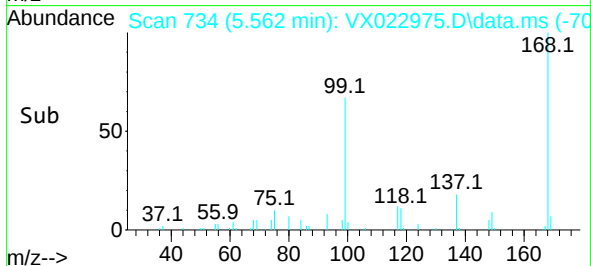


#38
Carbon Tetrachloride
Concen: 6.405 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022975.D
Acq: 28 Jun 2021 13:28

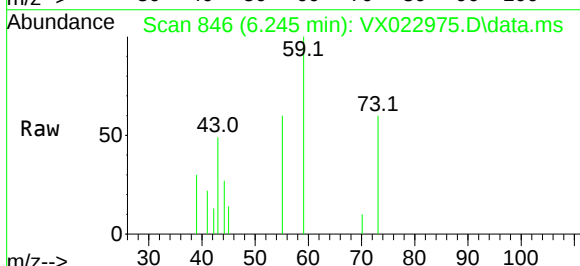
Instrument :
MSVOA_X
ClientSampleId :
FB04-20210622



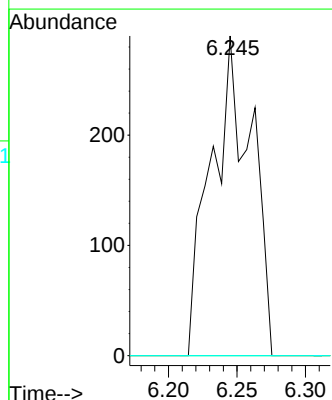
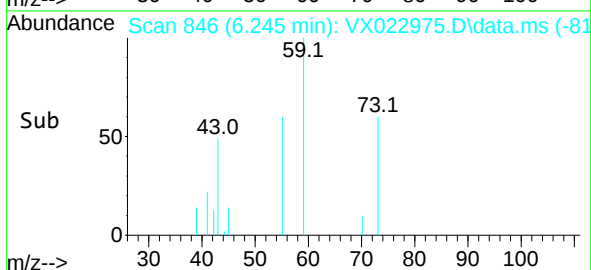
Tgt Ion:117 Resp: 6035
Ion Ratio Lower Upper
117 100
119 7.2 76.2 114.2#
121 0.0 24.8 37.2#

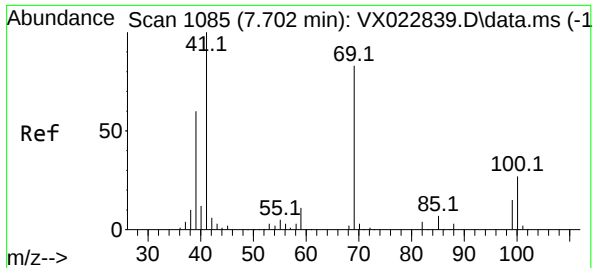


#43
Isopropyl Acetate
Concen: 0.284 ug/l
RT: 6.245 min Scan# 846
Delta R.T. -0.109 min
Lab File: VX022975.D
Acq: 28 Jun 2021 13:28



Tgt Ion: 43 Resp: 594
Ion Ratio Lower Upper
43 100
61 0.0 18.2 27.4#
87 0.0 12.5 18.7#

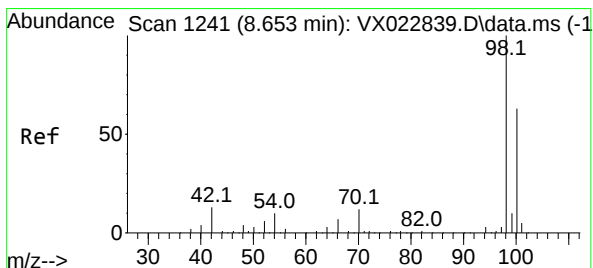
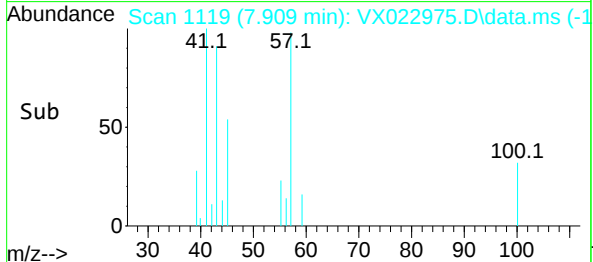
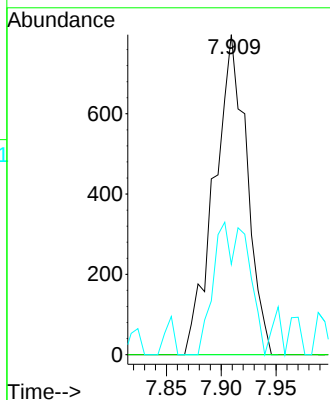
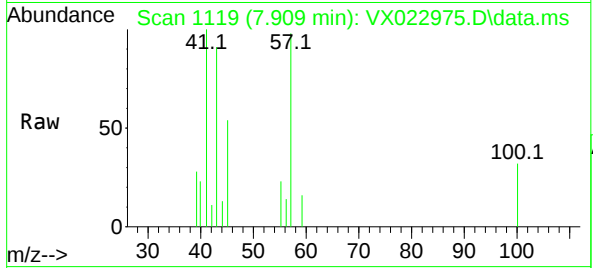




#48
Methyl methacrylate
Concen: 1.692 ug/l
RT: 7.909 min Scan# 1119
Delta R.T. 0.207 min
Lab File: VX022975.D
Acq: 28 Jun 2021 13:28

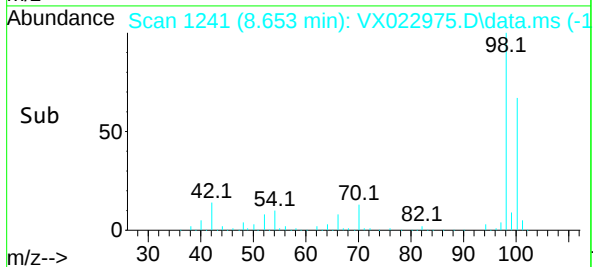
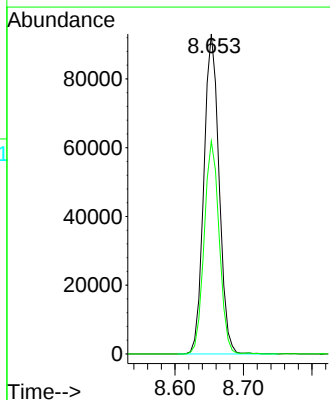
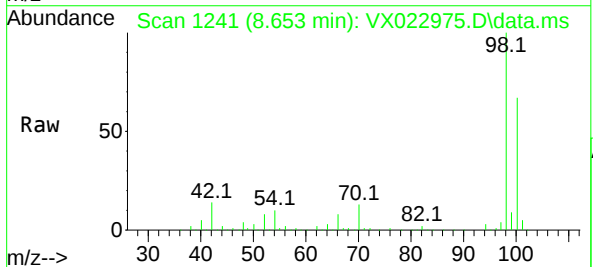
Instrument :
MSVOA_X
ClientSampleId :
FB04-20210622

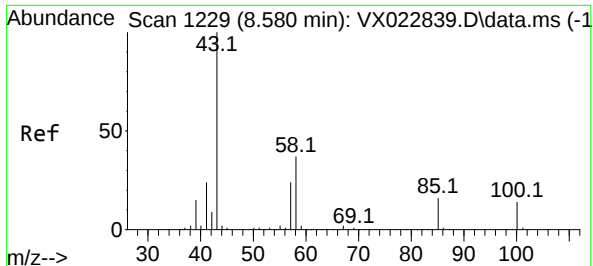
Tgt Ion: 41 Resp: 1638
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 24.0 44.6 67.0#



#50
Toluene-d8
Concen: 54.614 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX022975.D
Acq: 28 Jun 2021 13:28

Tgt Ion: 98 Resp: 143766
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9

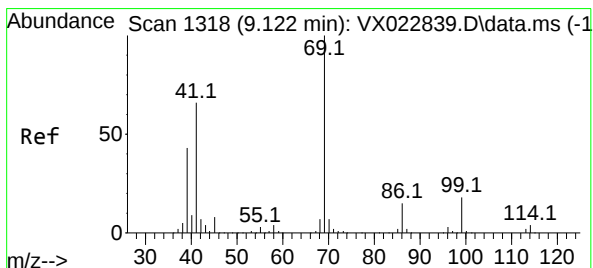
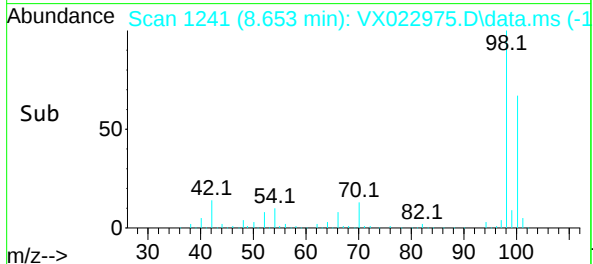
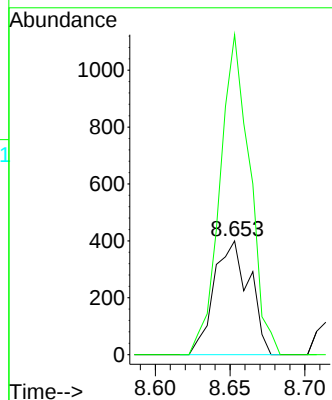
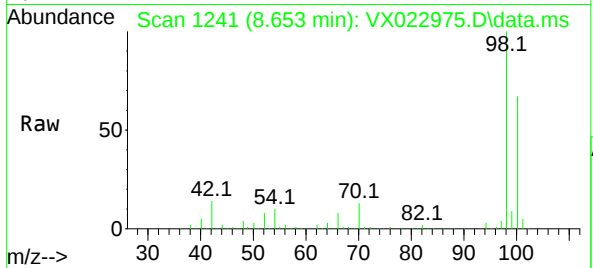




#51
4-Methyl-2-Pentanone
Concen: 0.506 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022975.D
Acq: 28 Jun 2021 13:28

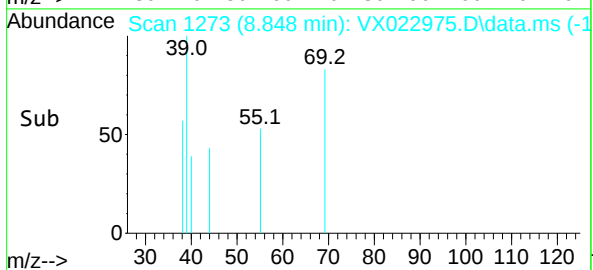
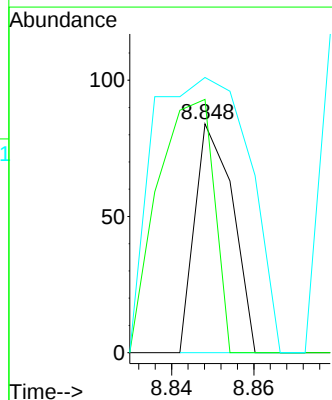
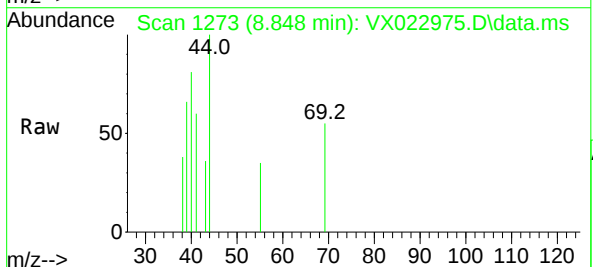
Instrument :
MSVOA_X
ClientSampleId :
FB04-20210622

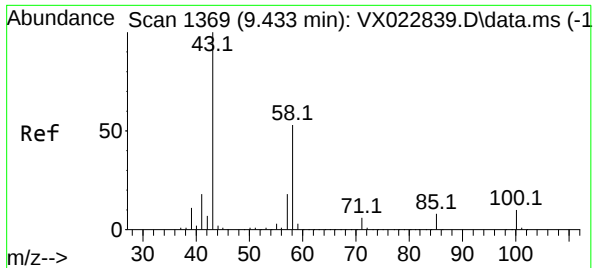
Tgt Ion: 43 Resp: 659
Ion Ratio Lower Upper
43 100
58 237.5 35.4 53.0#



#56
Ethyl methacrylate
Concen: 2.615 ug/l
RT: 8.848 min Scan# 1273
Delta R.T. -0.274 min
Lab File: VX022975.D
Acq: 28 Jun 2021 13:28

Tgt Ion: 69 Resp: 54
Ion Ratio Lower Upper
69 100
41 124.1 46.8 70.2#
39 177.8 24.7 37.1#

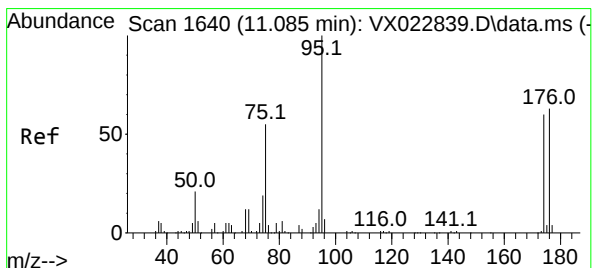
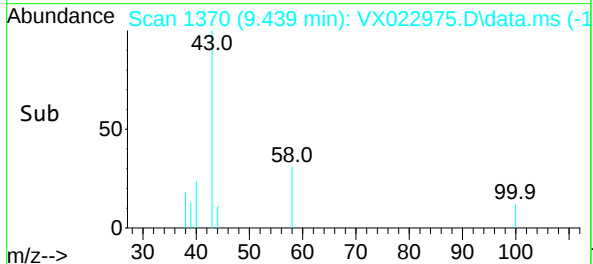
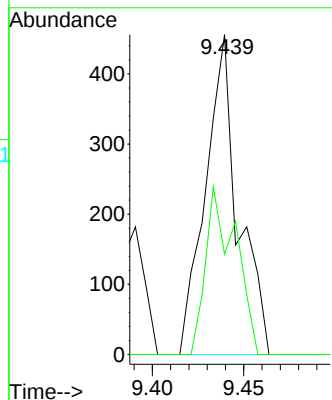
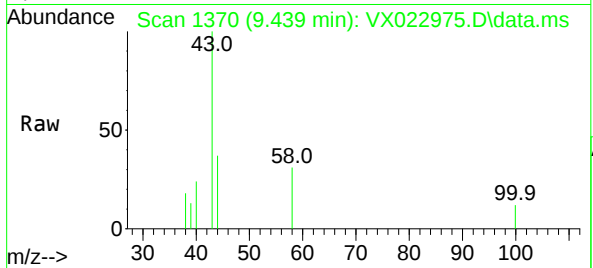




#59
2-Hexanone
Concen: 0.575 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX022975.D
Acq: 28 Jun 2021 13:28

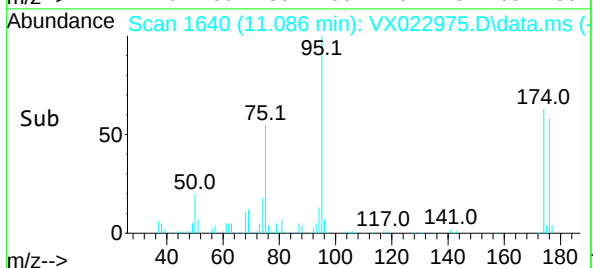
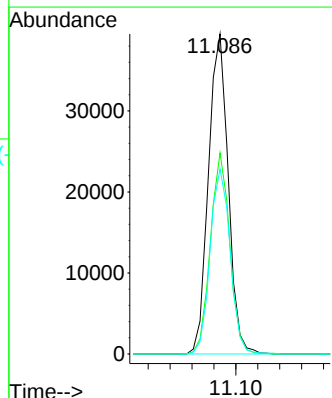
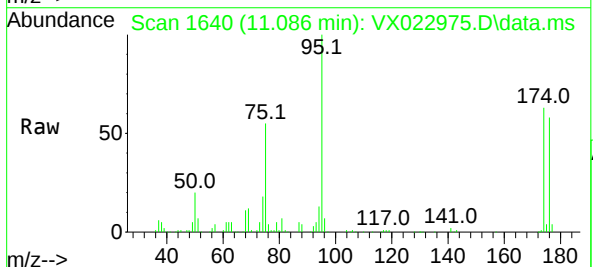
Instrument :
MSVOA_X
ClientSampleId :
FB04-20210622

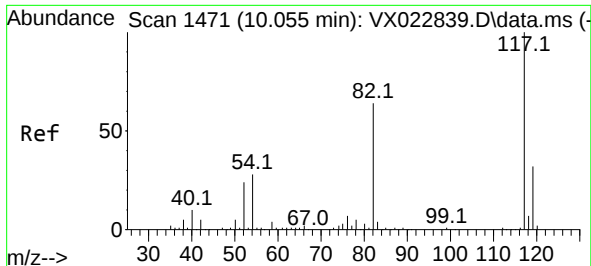
Tgt Ion: 43 Resp: 568
Ion Ratio Lower Upper
43 100
58 47.7 30.9 92.8



#62
4-Bromofluorobenzene
Concen: 50.260 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022975.D
Acq: 28 Jun 2021 13:28

Tgt Ion: 95 Resp: 49377
Ion Ratio Lower Upper
95 100
174 61.7 0.0 154.6
176 58.6 0.0 155.8

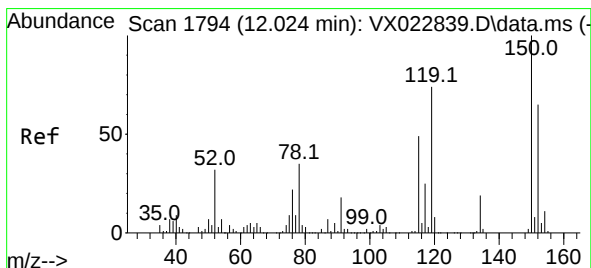
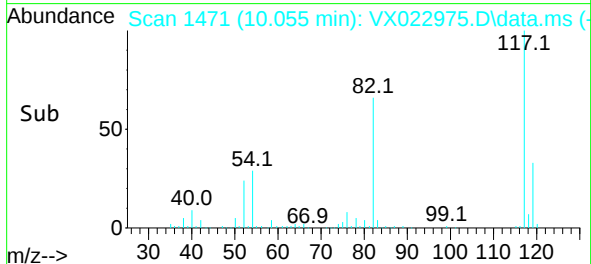
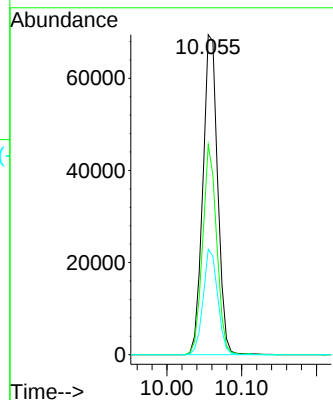
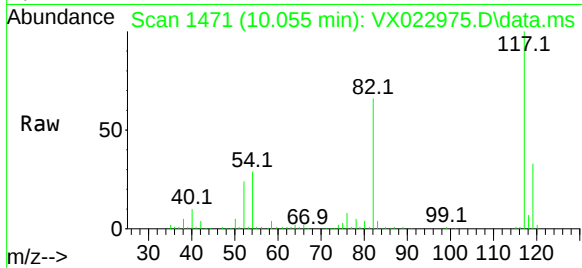




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022975.D
Acq: 28 Jun 2021 13:28

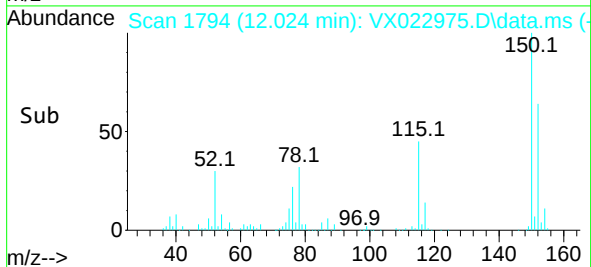
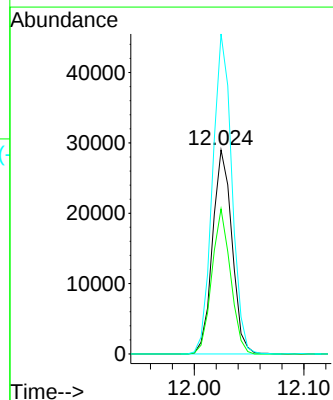
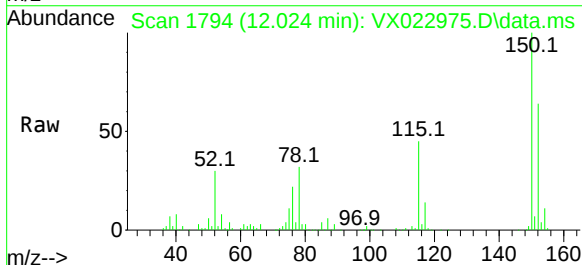
Instrument :
MSVOA_X
ClientSampleId :
FB04-20210622

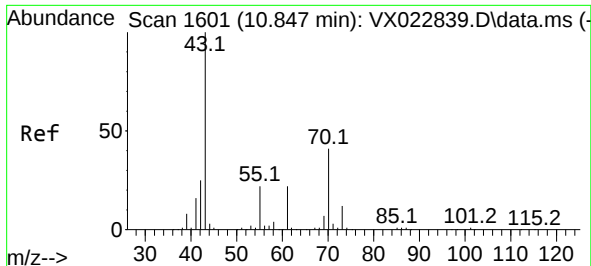
Tgt Ion:117 Resp: 95526
Ion Ratio Lower Upper
117 100
82 65.7 47.4 71.2
119 33.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022975.D
Acq: 28 Jun 2021 13:28

Tgt Ion:152 Resp: 35648
Ion Ratio Lower Upper
152 100
115 68.2 41.1 123.3
150 156.0 0.0 349.0

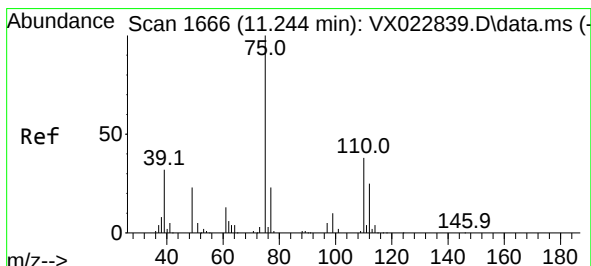
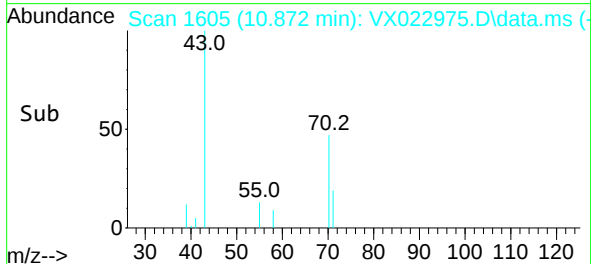
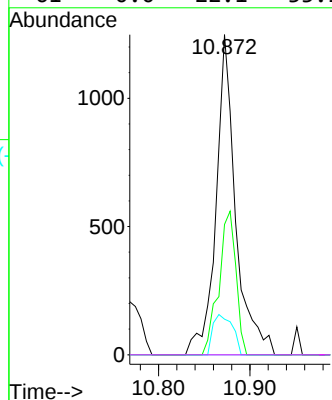
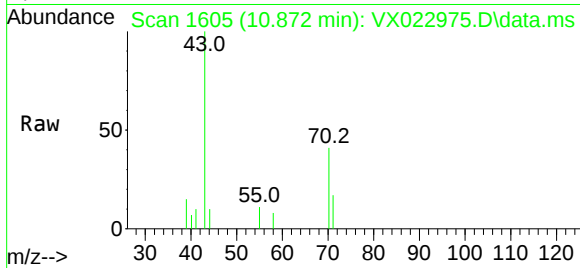




#74
N-amy1 acetate
Concen: 3.107 ug/l
RT: 10.872 min Scan# 1605
Delta R.T. 0.025 min
Lab File: VX022975.D
Acq: 28 Jun 2021 13:28

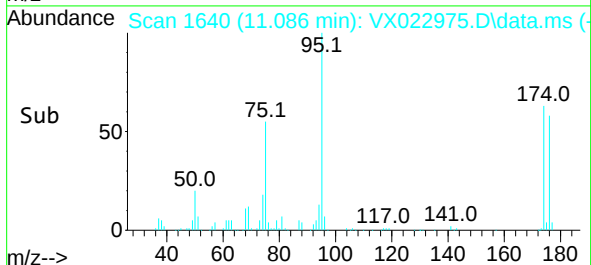
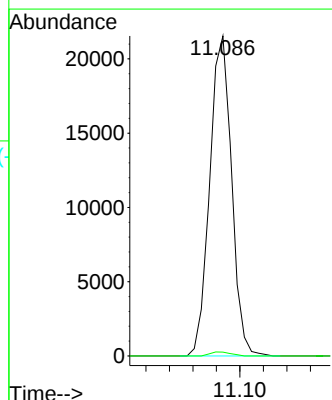
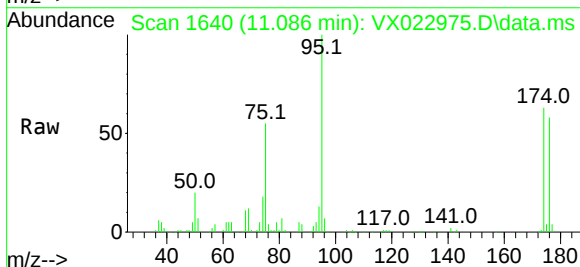
Instrument :
MSVOA_X
ClientSampleId :
FB04-20210622

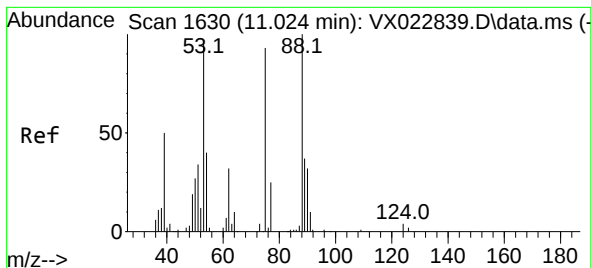
Tgt Ion: 43	Resp: 1868
Ion Ratio	Lower Upper
43 100	
70 39.0	39.0 58.6#
55 12.5	21.5 32.3#
61 0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 29.516 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022975.D
Acq: 28 Jun 2021 13:28

Tgt Ion: 75	Resp: 27792
Ion Ratio	Lower Upper
75 100	
77 1.2	19.1 57.5#

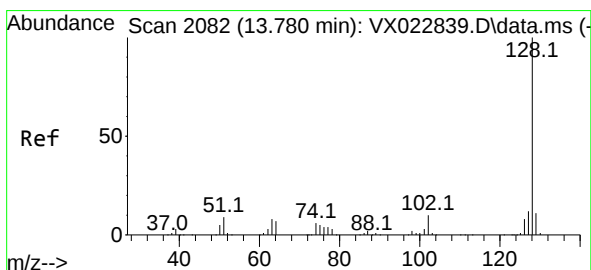
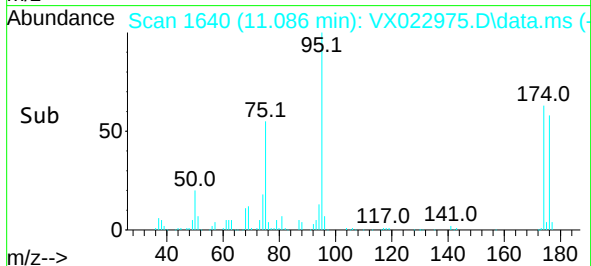
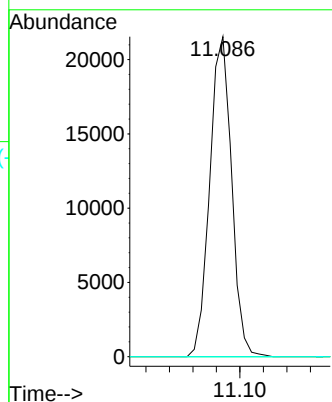
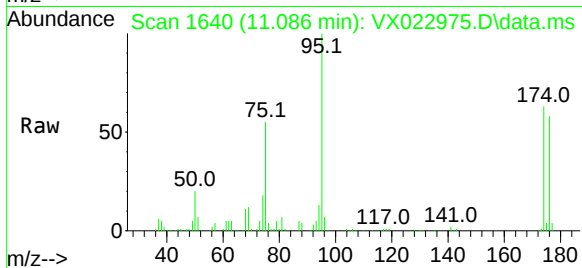




#81
trans-1,4-Dichloro-2-butene
Concen: 75.853 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.062 min
Lab File: VX022975.D
Acq: 28 Jun 2021 13:28

Instrument :
MSVOA_X
ClientSampleId :
FB04-20210622

Tgt Ion: 75 Resp: 27792
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.999 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022975.D
Acq: 28 Jun 2021 13:28

Tgt Ion: 128 Resp: 231
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

