

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081721\
 Data File : VX023791.D
 Acq On : 18 Aug 2021 03:05
 Operator : JC/MD
 Sample : M3425-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 21N

Quant Time: Aug 18 07:03:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

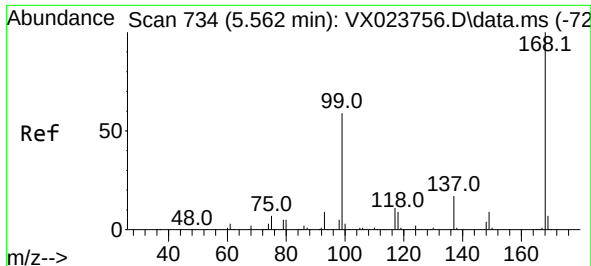
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	140643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	243495	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102091	52.009	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.020%	
35) Dibromofluoromethane	5.397	113	79763	49.492	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.980%	
50) Toluene-d8	8.653	98	305273	49.768	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.540%	
62) 4-Bromofluorobenzene	11.085	95	102506	45.395	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.800%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.691	64	29	2.239	ug/l #	43
11) Tert butyl alcohol	2.971	59	186	0.469	ug/l #	73
16) Acetone	2.386	43	12532	14.279	ug/l	91
18) Methyl Acetate	2.715	43	1004	0.458	ug/l	92
20) Methylene Chloride	2.794	84	12062	7.195	ug/l	90
25) 2-Butanone	4.574	43	1054	0.793	ug/l	93
29) Tetrahydrofuran	5.050	42	848	0.985	ug/l #	35
31) Cyclohexane	5.556	56	3411	1.353	ug/l #	23
36) 1,1-Dichloropropene	5.562	75	11259	4.993	ug/l #	49
38) Carbon Tetrachloride	5.562	117	14170	6.026	ug/l #	15
43) Isopropyl Acetate	6.355	43	18731	4.320	ug/l #	92
48) Methyl methacrylate	7.604	41	5946	2.811	ug/l #	10
49) 1,4-Dioxane	7.806	88	83	1.857	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	68201	24.335	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	28549	10.570	ug/l #	74
56) Ethyl methacrylate	8.994	69	123	0.799	ug/l #	29
57) 1,3-Dichloropropane	9.488	76	15593	5.285	ug/l #	43
59) 2-Hexanone	9.488	43	234833	109.006	ug/l #	43
74) N-amyl acetate	10.774	43	690	0.219	ug/l #	38
76) 1,2,3-Trichloropropane	11.085	75	55206	25.858	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	55206	76.062	ug/l #	12
95) Naphthalene	13.786	128	164	1.306	ug/l #	69

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

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Quant Title : SW846 8260
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Response via : Initial Calibration

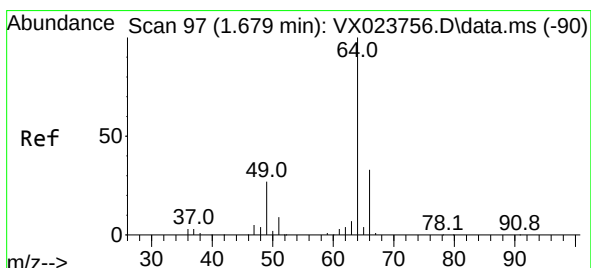
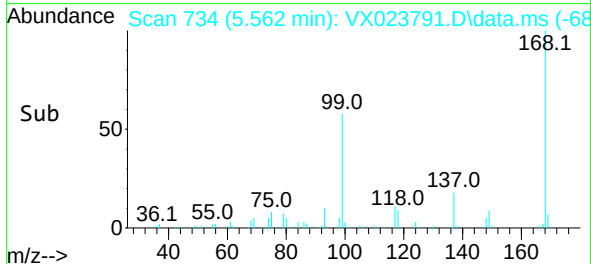
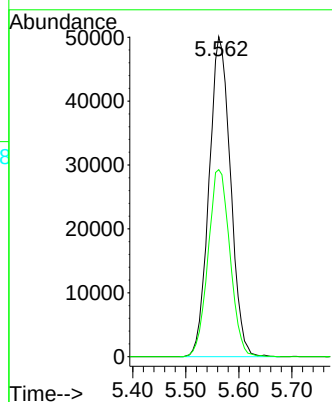
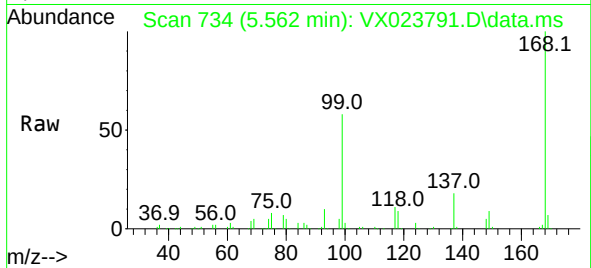




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023791.D
Acq: 18 Aug 2021 03:05

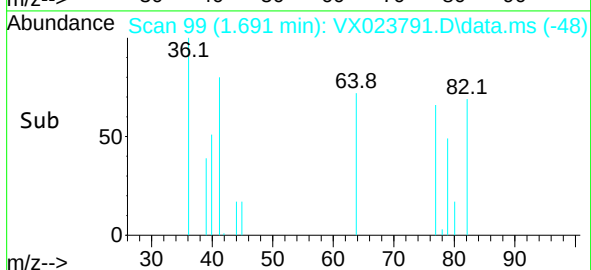
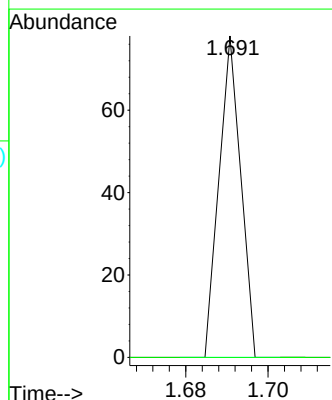
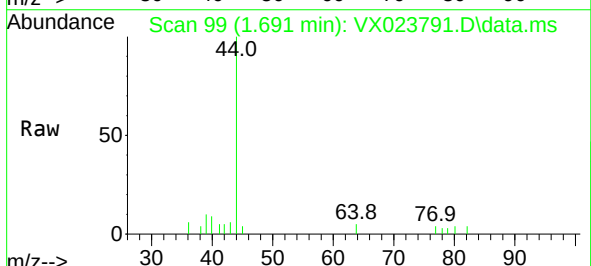
Instrument :
MSVOA_X
ClientSampled :
21N

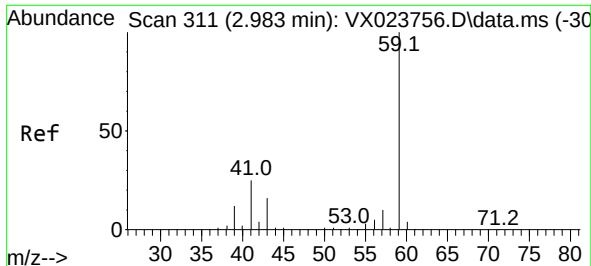
Tgt Ion:168 Resp: 140643
Ion Ratio Lower Upper
168 100
99 58.4 45.8 68.6



#6
Chloroethane
Concen: 2.239 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX023791.D
Acq: 18 Aug 2021 03:05

Tgt Ion: 64 Resp: 29
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



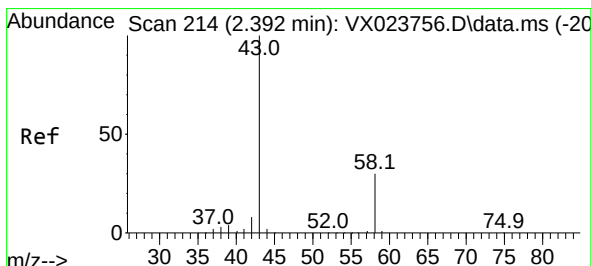
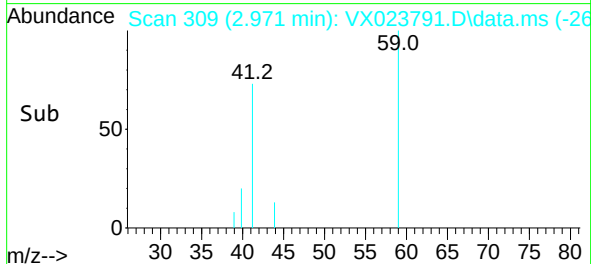
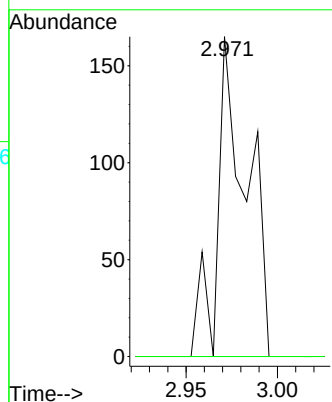
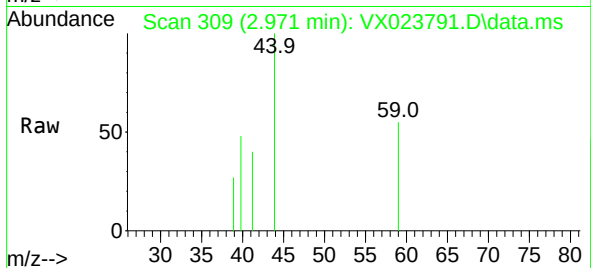


#11

Tert butyl alcohol
Concen: 0.469 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX023791.D
Acq: 18 Aug 2021 03:05

Instrument :
MSVOA_X
ClientSampled :
21N

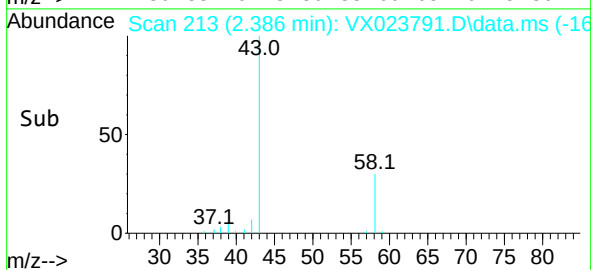
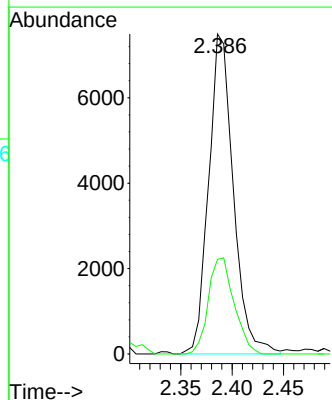
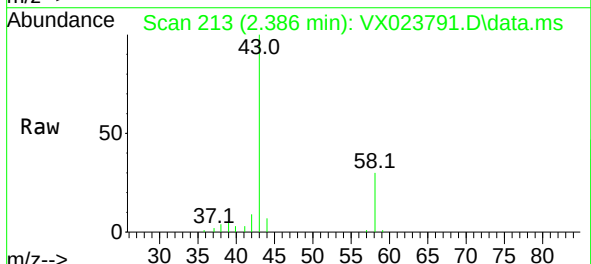
Tgt Ion: 59 Resp: 186
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

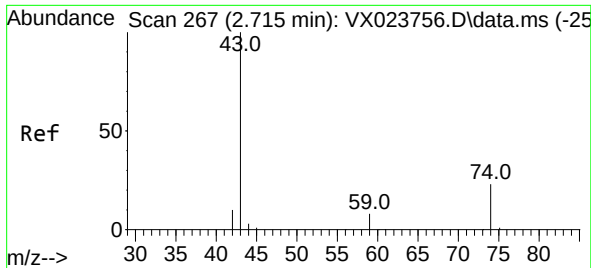


#16

Acetone
Concen: 14.279 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023791.D
Acq: 18 Aug 2021 03:05

Tgt Ion: 43 Resp: 12532
Ion Ratio Lower Upper
43 100
58 29.5 27.8 41.8

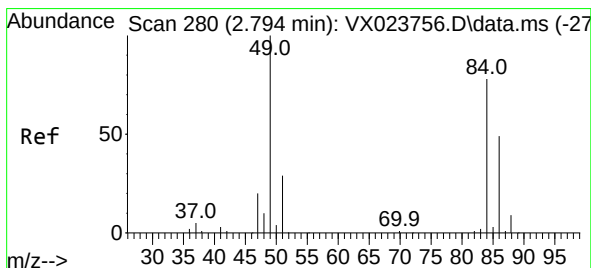
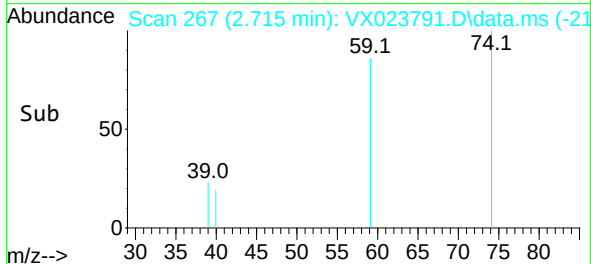
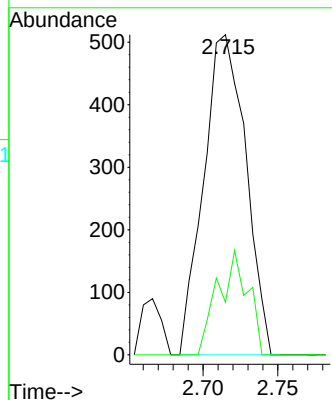
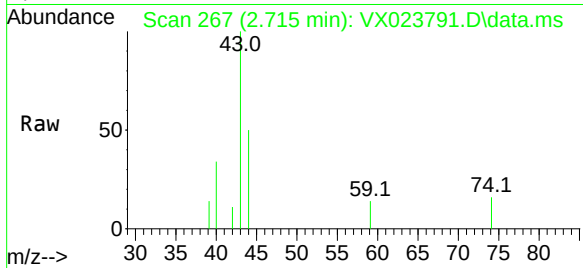




#18
Methyl Acetate
Concen: 0.458 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX023791.D
Acq: 18 Aug 2021 03:05

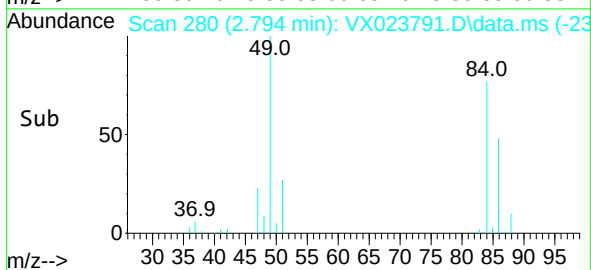
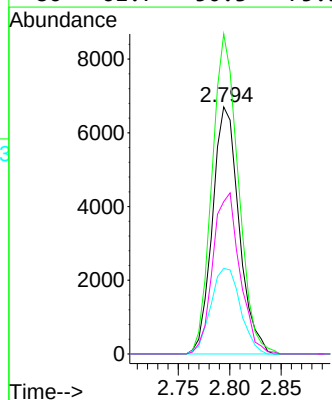
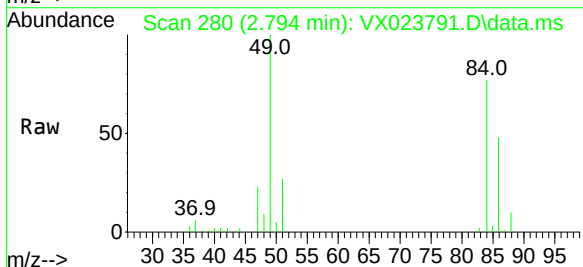
Instrument :
MSVOA_X
ClientSampled :
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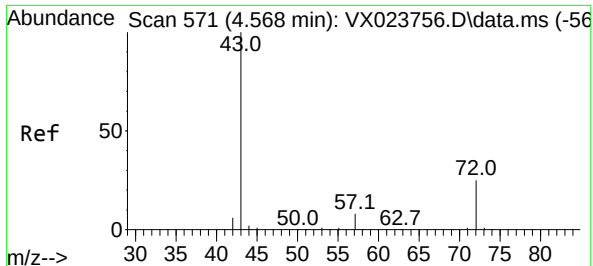
Tgt Ion: 43 Resp: 1004
Ion Ratio Lower Upper
43 100
74 23.1 21.9 32.9



#20
Methylene Chloride
Concen: 7.195 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023791.D
Acq: 18 Aug 2021 03:05

Tgt Ion: 84 Resp: 12062
Ion Ratio Lower Upper
84 100
49 129.6 88.6 132.8
51 34.7 27.0 40.6
86 61.7 50.3 75.5

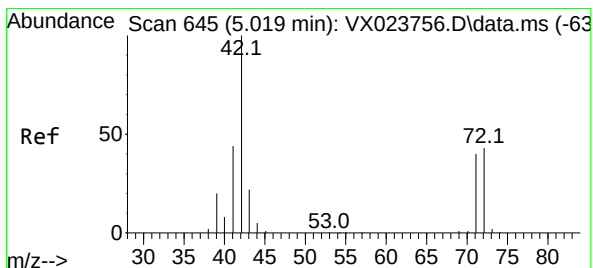
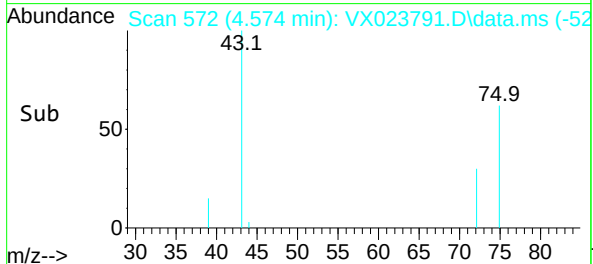
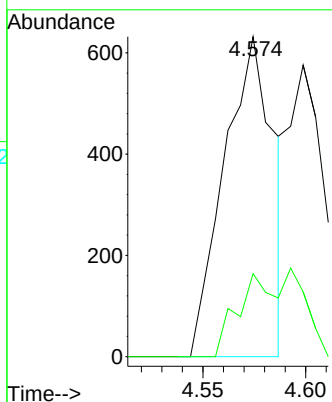
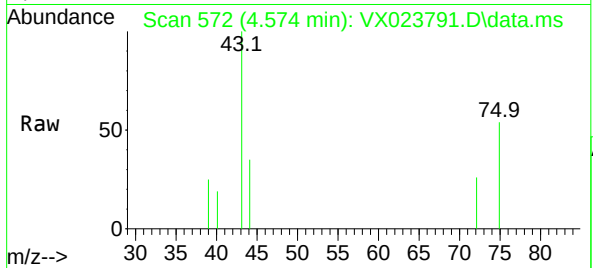




#25
2-Butanone
Concen: 0.793 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023791.D
Acq: 18 Aug 2021 03:05

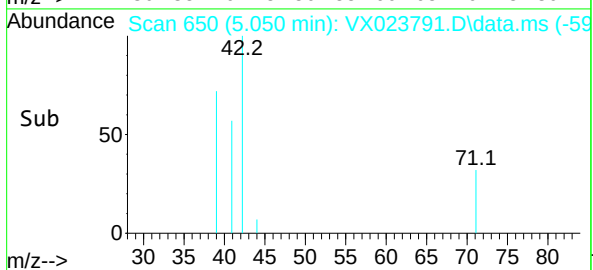
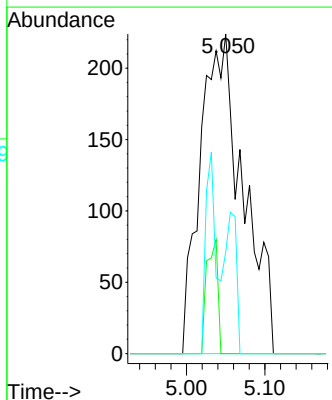
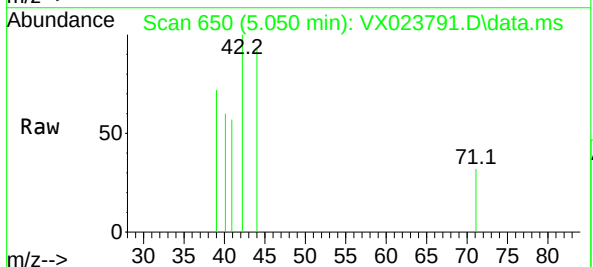
Instrument :
MSVOA_X
ClientSampled :
21N

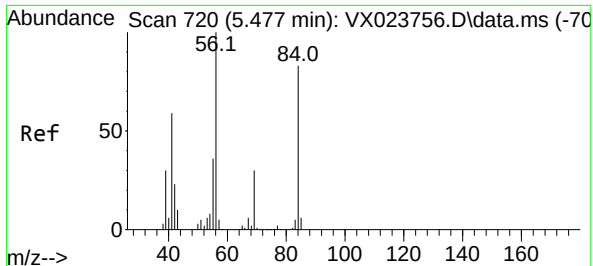
Tgt Ion: 43 Resp: 1054
Ion Ratio Lower Upper
43 100
72 25.9 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.985 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.031 min
Lab File: VX023791.D
Acq: 18 Aug 2021 03:05

Tgt Ion: 42 Resp: 848
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 11.4 38.4 57.6#

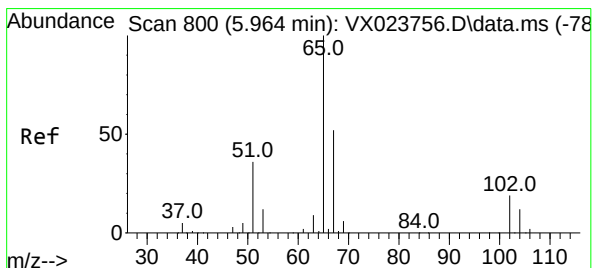
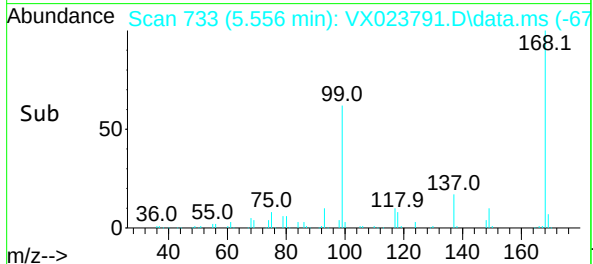
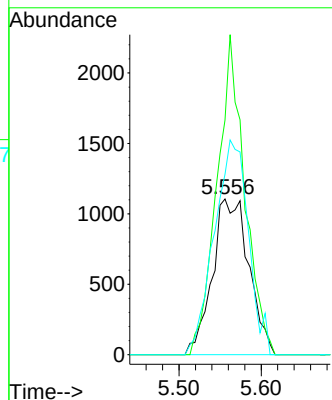
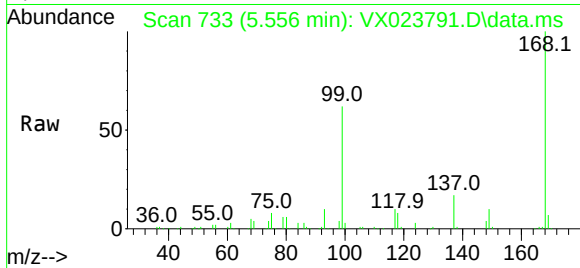




#31
Cyclohexane
Concen: 1.353 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023791.D
Acq: 18 Aug 2021 03:05

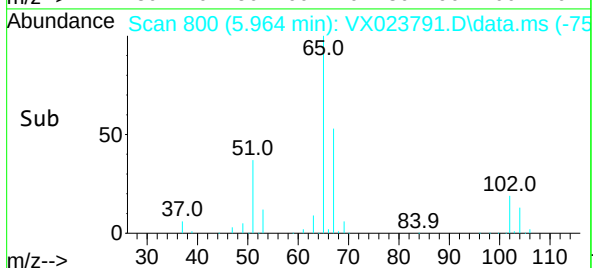
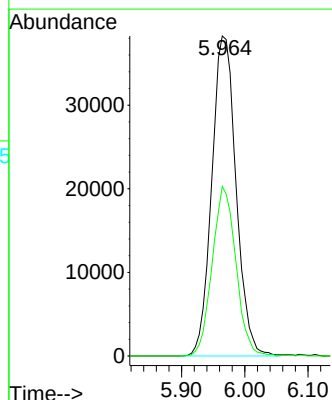
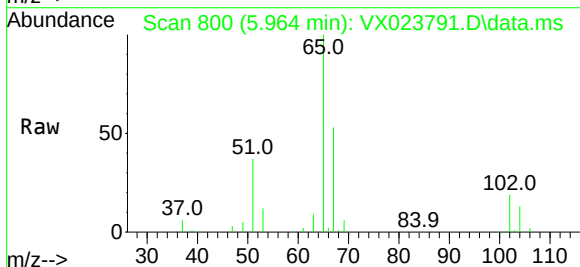
Instrument :
MSVOA_X
ClientSampled :
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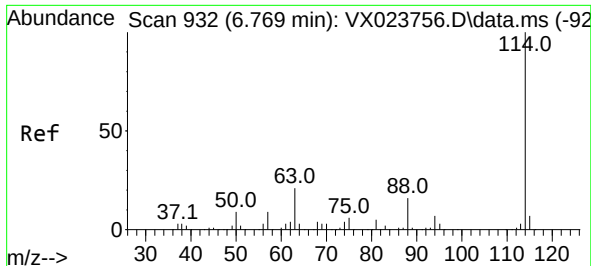
Tgt Ion: 56 Resp: 3411
Ion Ratio Lower Upper
56 100
69 150.7 25.3 37.9#
84 115.8 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.009 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023791.D
Acq: 18 Aug 2021 03:05

Tgt Ion: 65 Resp: 102091
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.4

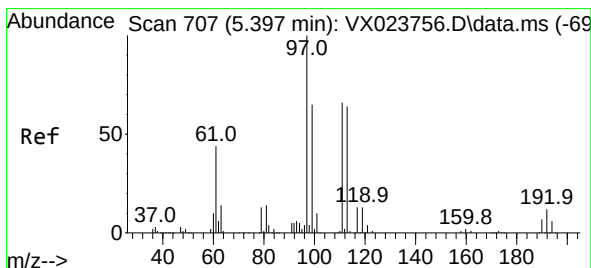
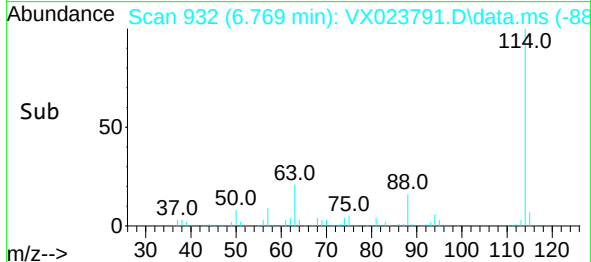
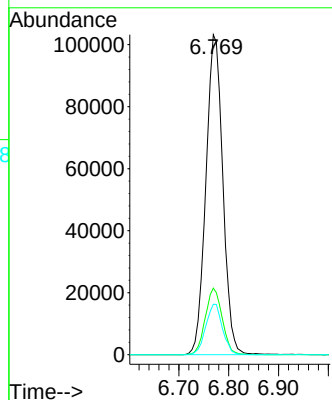
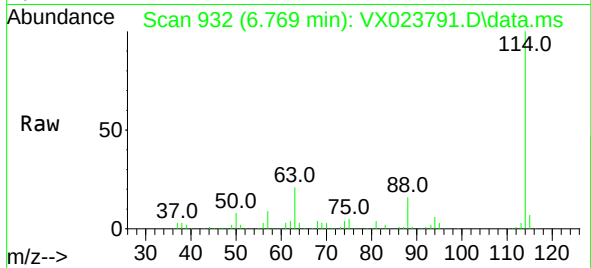




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023791.D
Acq: 18 Aug 2021 03:05

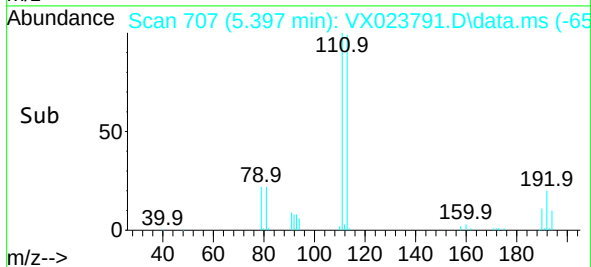
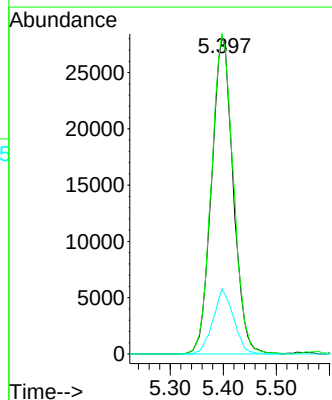
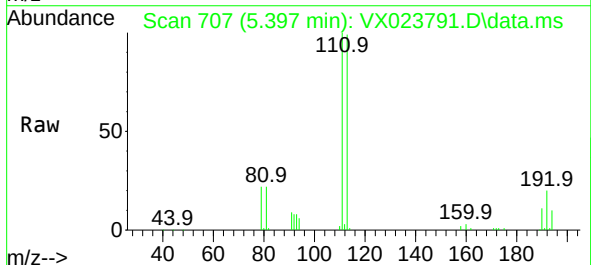
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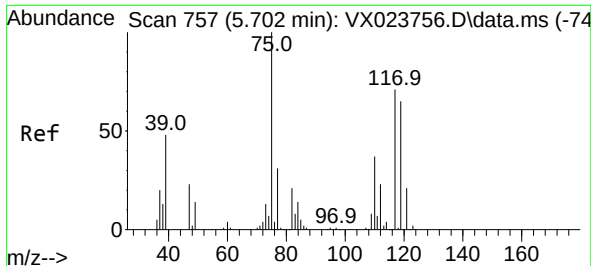
Tgt Ion:114 Resp: 243495
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.492 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023791.D
Acq: 18 Aug 2021 03:05

Tgt Ion:113 Resp: 79763
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 19.4 16.7 25.1

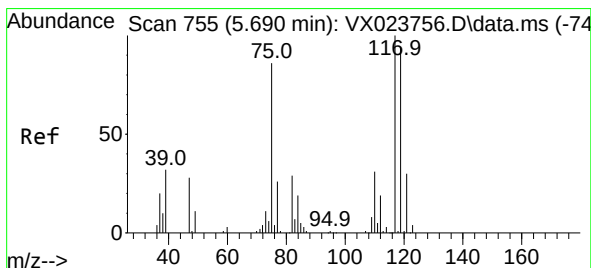
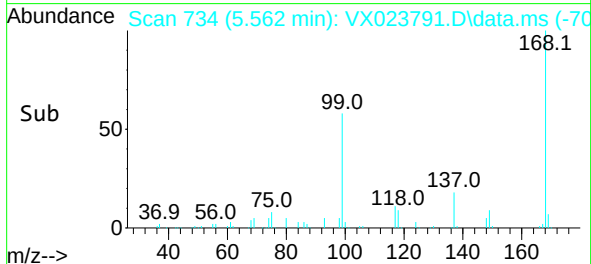
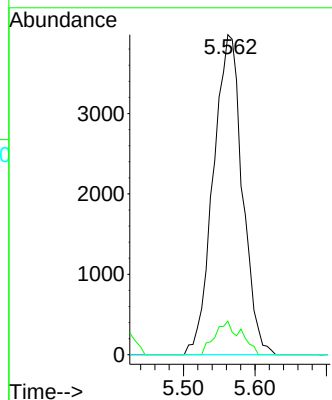
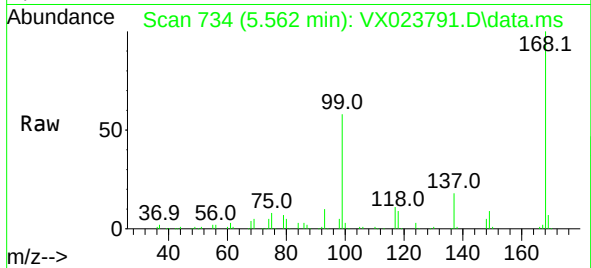




#36
1,1-Dichloropropene
Concen: 4.993 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023791.D
Acq: 18 Aug 2021 03:05

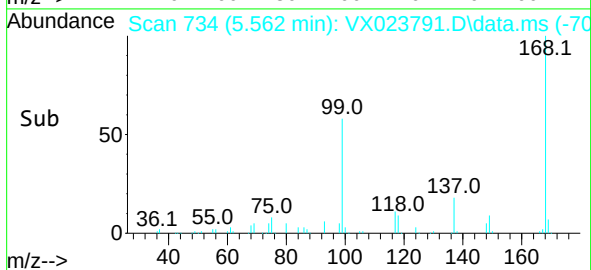
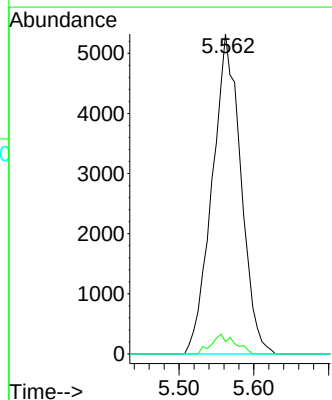
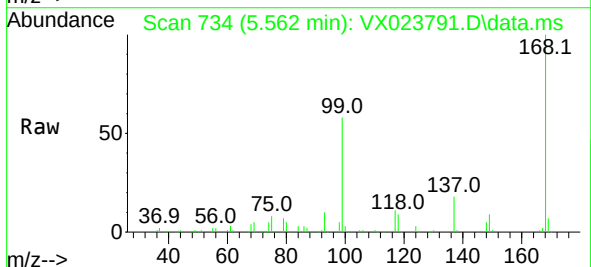
Instrument :
MSVOA_X
ClientSampled :
21N

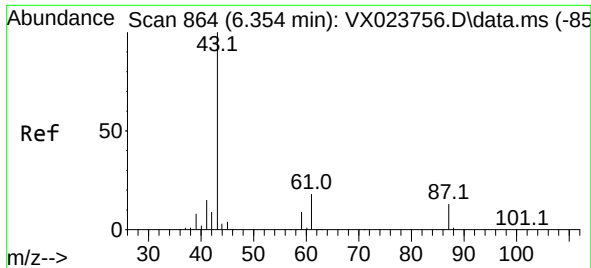
Tgt Ion: 75 Resp: 11259
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.026 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX023791.D
Acq: 18 Aug 2021 03:05

Tgt Ion: 117 Resp: 14170
Ion Ratio Lower Upper
117 100
119 3.8 76.2 114.2#
121 0.0 24.8 37.2#

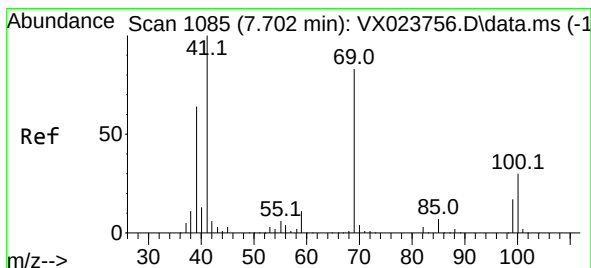
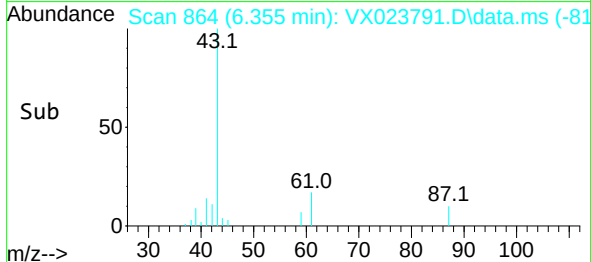
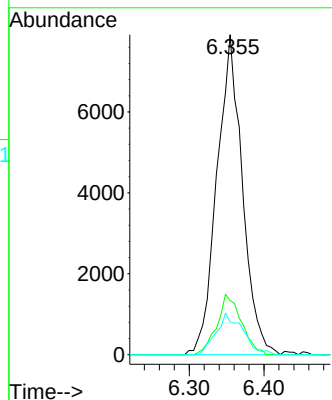
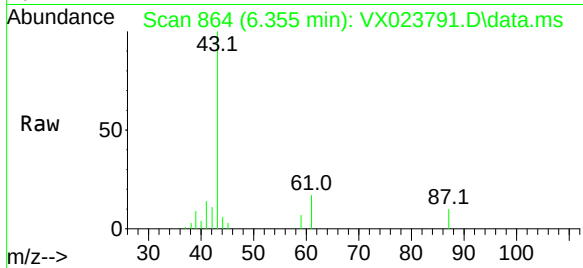




#43
Isopropyl Acetate
Concen: 4.320 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.001 min
Lab File: VX023791.D
Acq: 18 Aug 2021 03:05

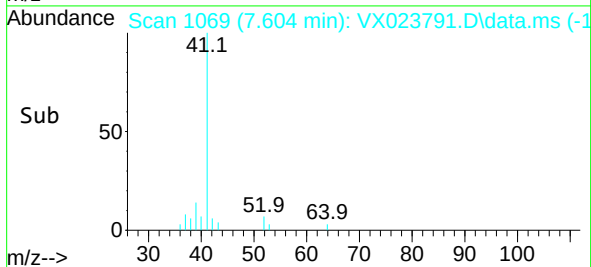
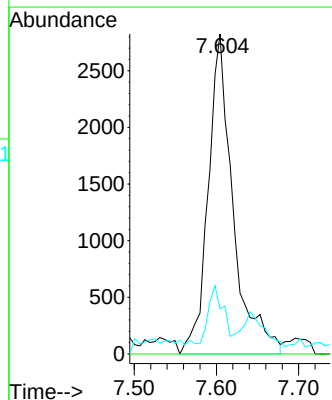
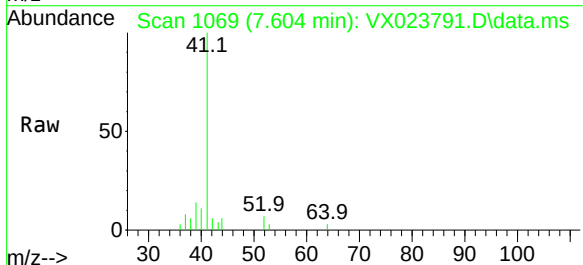
Instrument :
MSVOA_X
ClientSampled :
21N

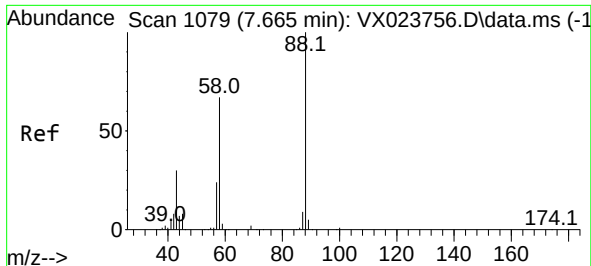
Tgt Ion: 43 Resp: 18731
Ion Ratio Lower Upper
43 100
61 18.1 18.2 27.4#
87 13.6 12.5 18.7



#48
Methyl methacrylate
Concen: 2.811 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.098 min
Lab File: VX023791.D
Acq: 18 Aug 2021 03:05

Tgt Ion: 41 Resp: 5946
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#

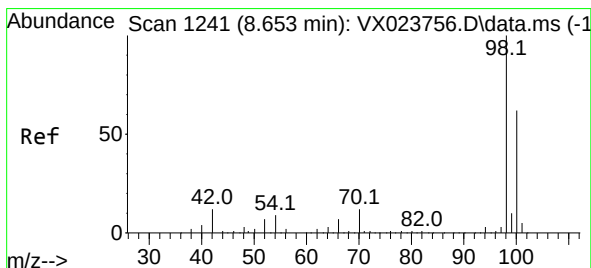
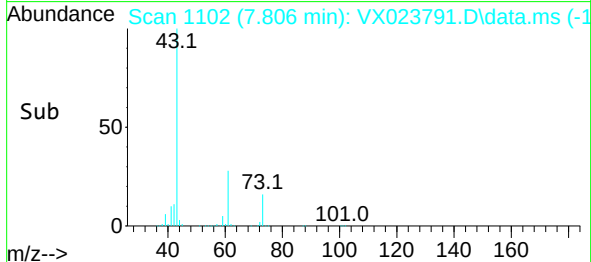
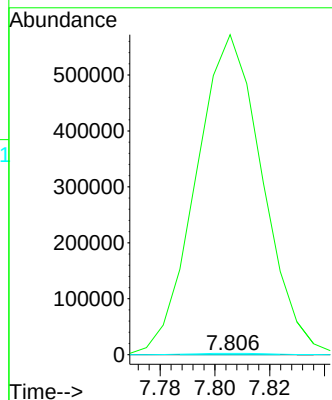
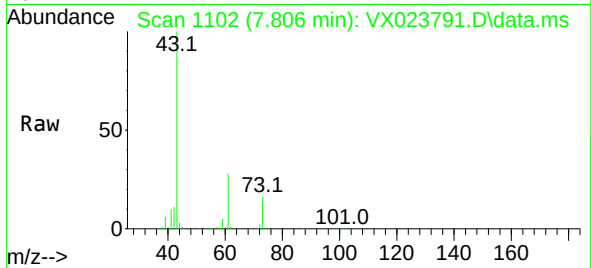




#49
1,4-Dioxane
Concen: 1.857 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.141 min
Lab File: VX023791.D
Acq: 18 Aug 2021 03:05

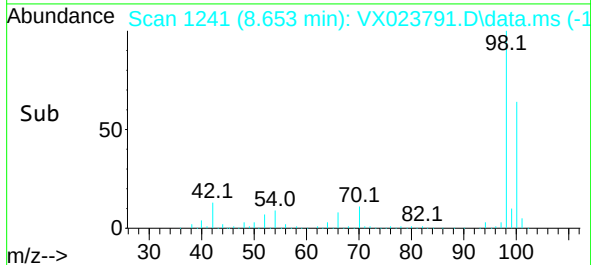
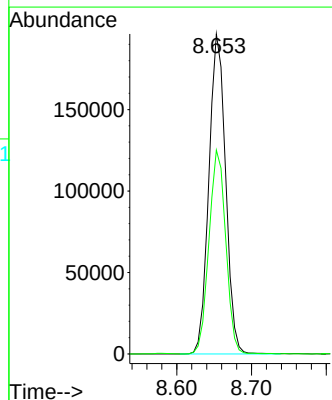
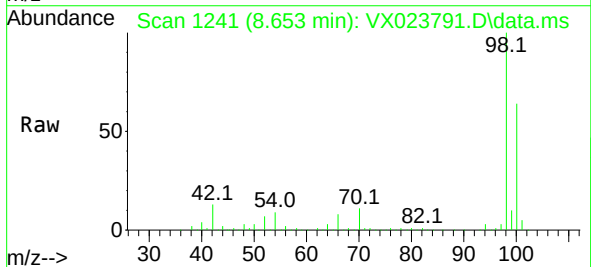
Instrument :
MSVOA_X
ClientSampled :
21N

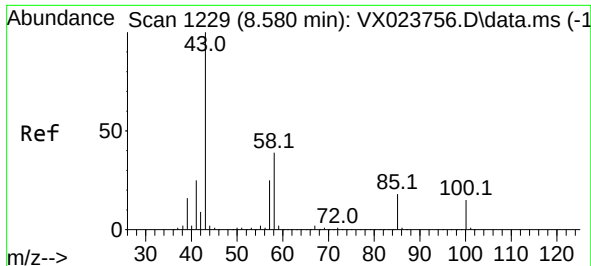
Tgt Ion: 88 Resp: 83
Ion Ratio Lower Upper
88 100
43 1171303.6 23.2 34.8#
58 5662.7 55.0 82.4#



#50
Toluene-d8
Concen: 49.768 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023791.D
Acq: 18 Aug 2021 03:05

Tgt Ion: 98 Resp: 305273
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

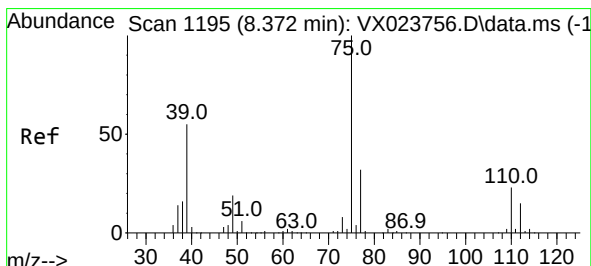
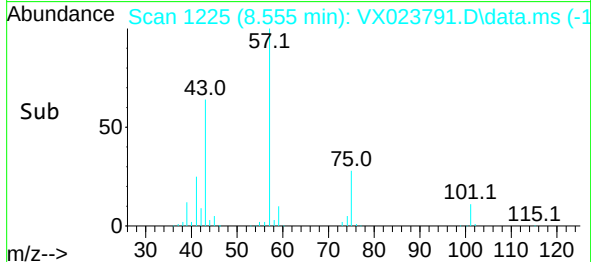
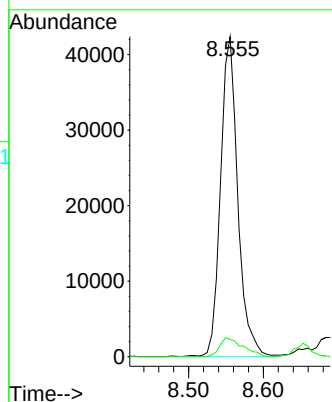
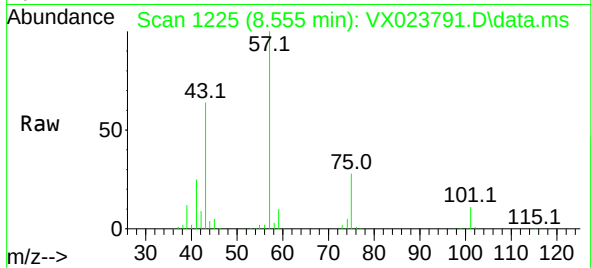




#51
4-Methyl-2-Pentanone
Concen: 24.335 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023791.D
Acq: 18 Aug 2021 03:05

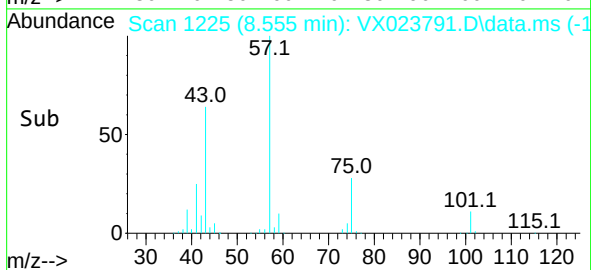
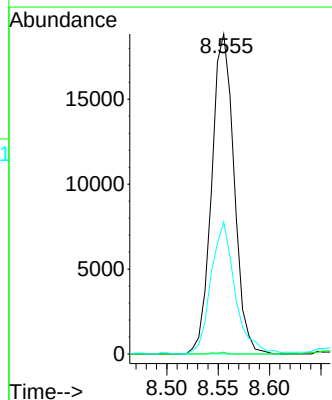
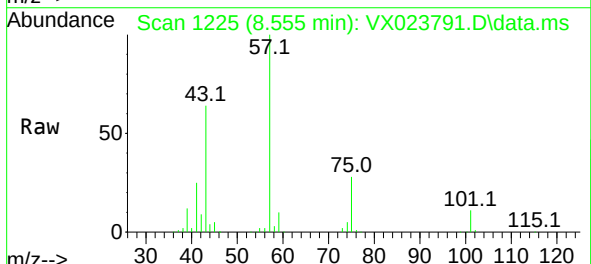
Instrument :
MSVOA_X
ClientSampled :
21N

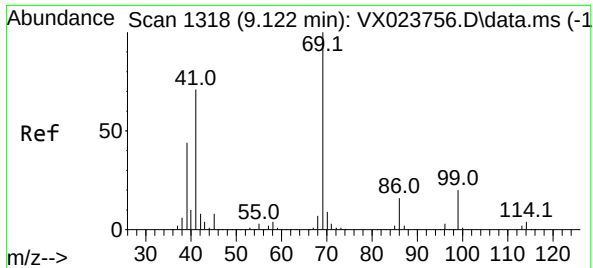
Tgt Ion: 43 Resp: 68201
Ion Ratio Lower Upper
43 100
58 8.0 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 10.570 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX023791.D
Acq: 18 Aug 2021 03:05

Tgt Ion: 75 Resp: 28549
Ion Ratio Lower Upper
75 100
77 0.6 25.7 38.5#
39 41.2 35.1 52.7

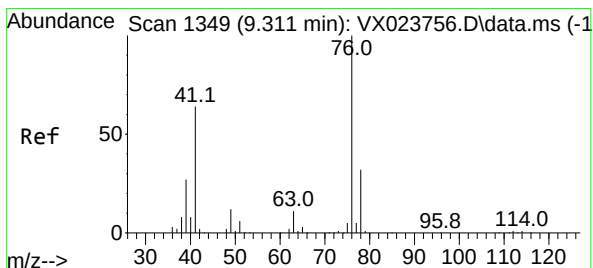
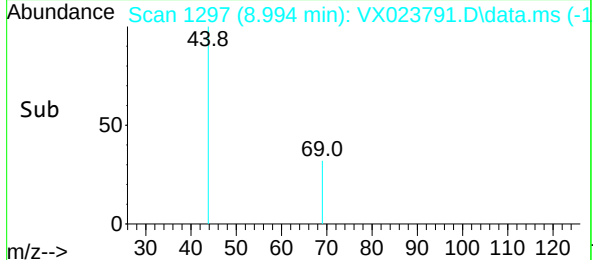
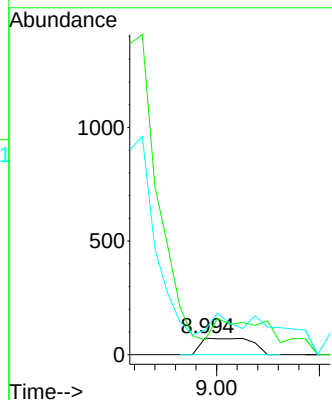
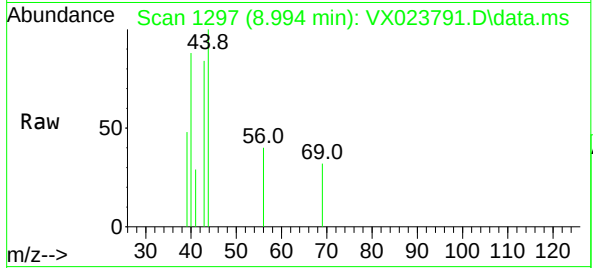




#56
Ethyl methacrylate
Concen: 0.799 ug/l
RT: 8.994 min Scan# 1297
Delta R.T. -0.128 min
Lab File: VX023791.D
Acq: 18 Aug 2021 03:05

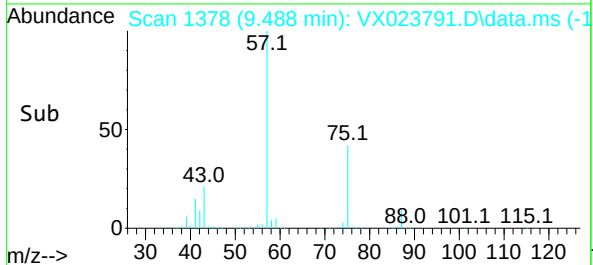
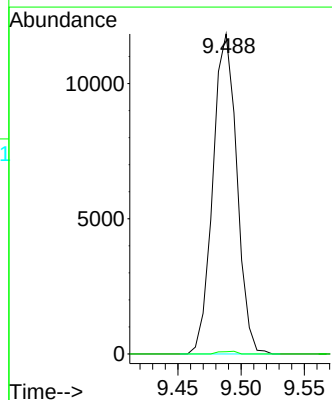
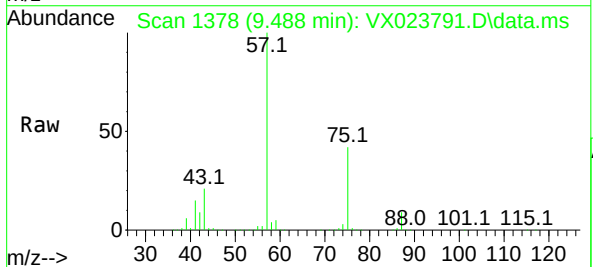
Instrument :
MSVOA_X
ClientSampleId :
21N

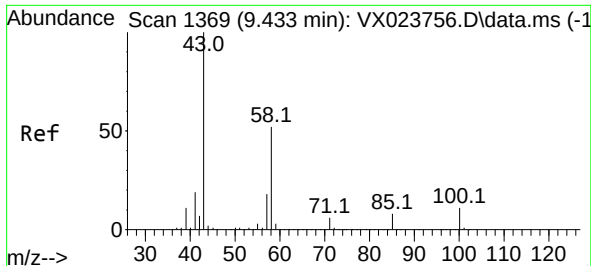
Tgt Ion:	69	Resp:	123
Ion	Ratio	Lower	Upper
69	100		
41	0.0	46.8	70.2#
39	0.0	24.7	37.1#



#57
1,3-Dichloropropane
Concen: 5.285 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX023791.D
Acq: 18 Aug 2021 03:05

Tgt Ion:	76	Resp:	15593
Ion	Ratio	Lower	Upper
76	100		
78	0.6	26.2	39.2#

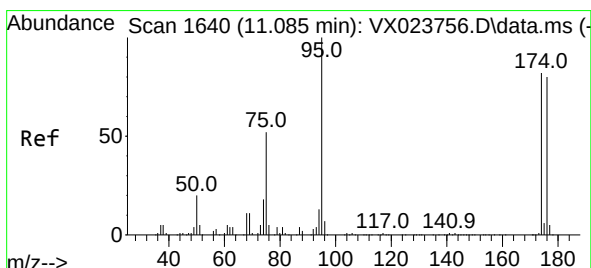
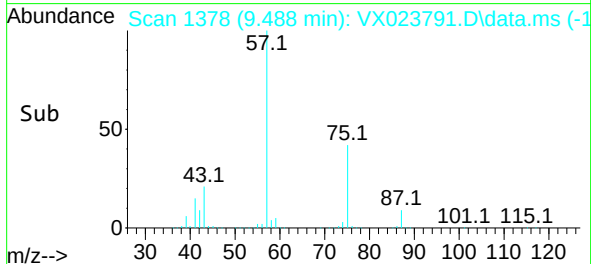
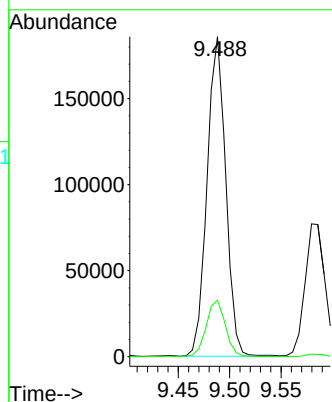
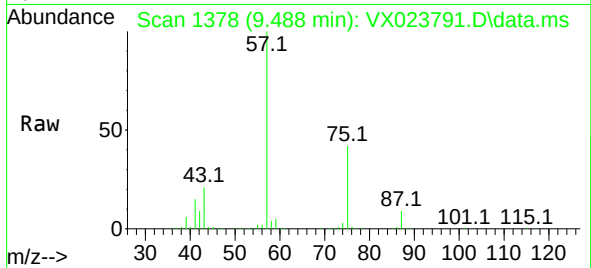




#59
2-Hexanone
Concen: 109.006 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX023791.D
Acq: 18 Aug 2021 03:05

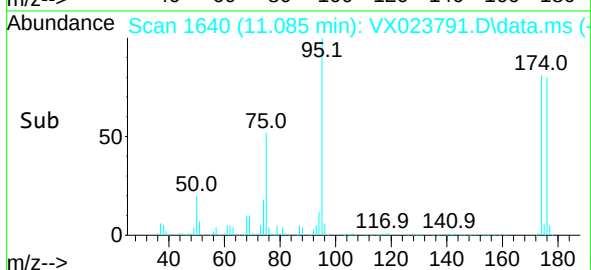
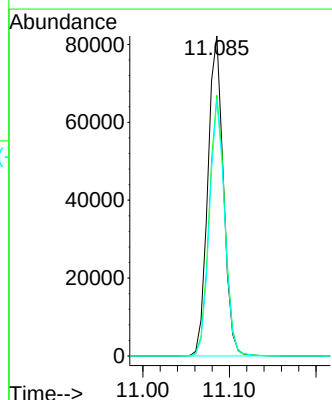
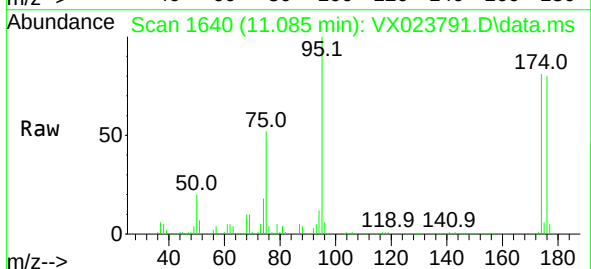
Instrument :
MSVOA_X
ClientSampled :
21N

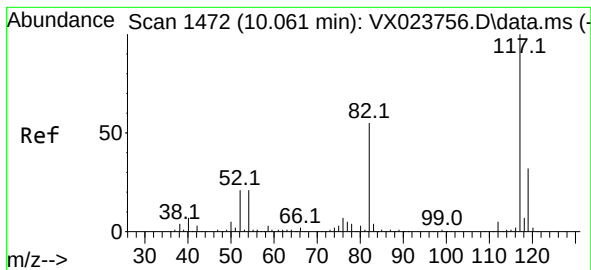
Tgt Ion: 43 Resp: 234833
Ion Ratio Lower Upper
43 100
58 18.1 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 45.395 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023791.D
Acq: 18 Aug 2021 03:05

Tgt Ion: 95 Resp: 102506
Ion Ratio Lower Upper
95 100
174 81.8 0.0 154.6
176 77.8 0.0 155.8

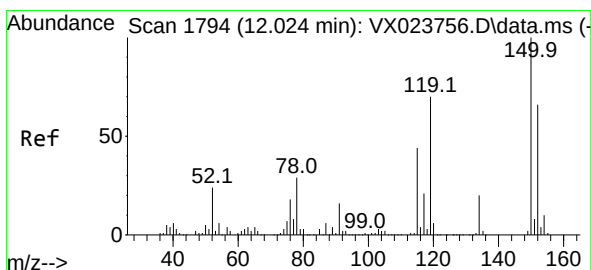
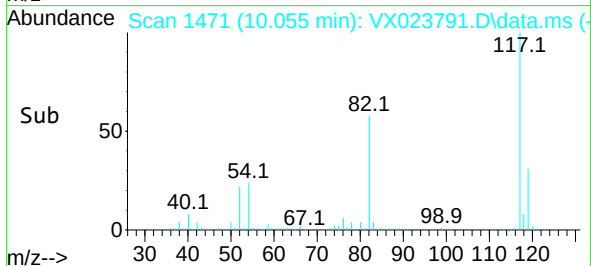
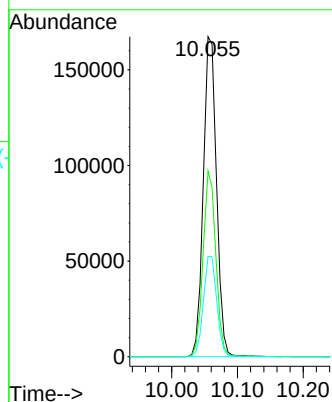
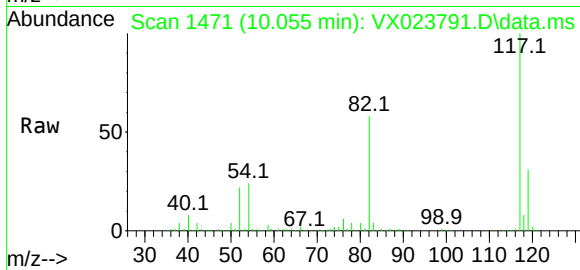




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023791.D
Acq: 18 Aug 2021 03:05

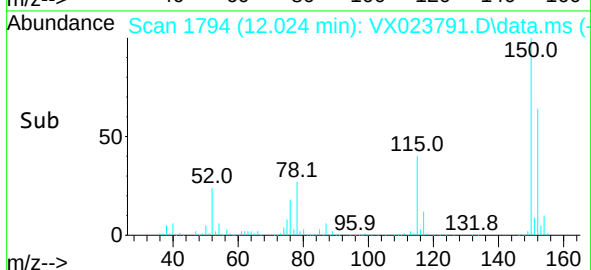
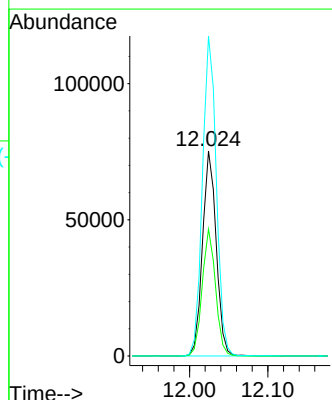
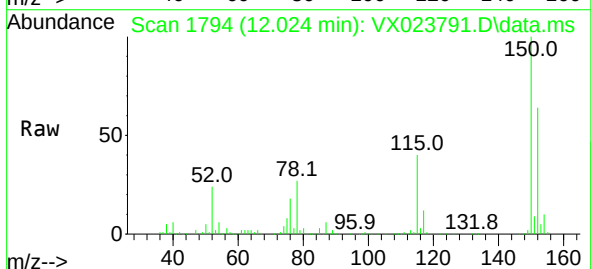
Instrument :
MSVOA_X
ClientSampled :
21N

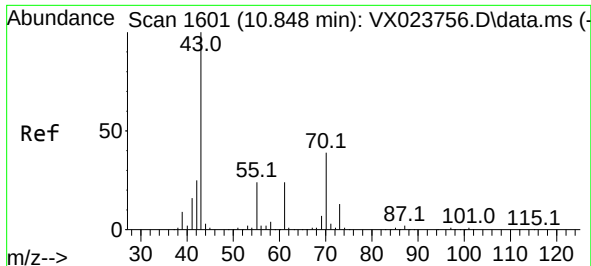
Tgt Ion:117 Resp: 233428
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 31.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023791.D
Acq: 18 Aug 2021 03:05

Tgt Ion:152 Resp: 91522
Ion Ratio Lower Upper
152 100
115 59.9 41.1 123.3
150 157.4 0.0 349.0

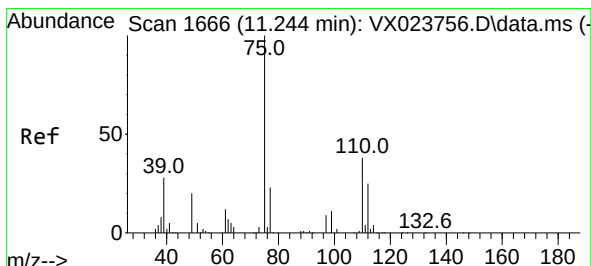
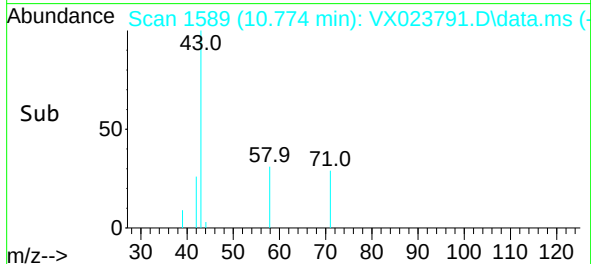
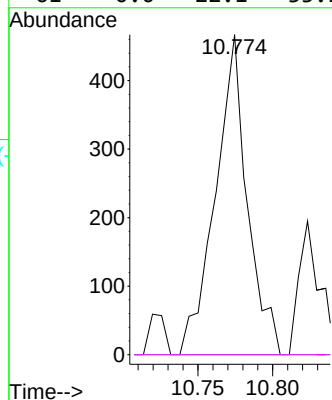
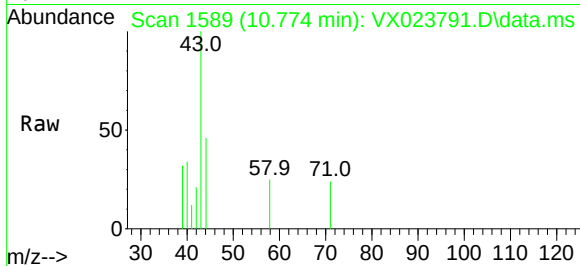




#74
N-amy1 acetate
Concen: 0.219 ug/l
RT: 10.774 min Scan# 1589
Delta R.T. -0.074 min
Lab File: VX023791.D
Acq: 18 Aug 2021 03:05

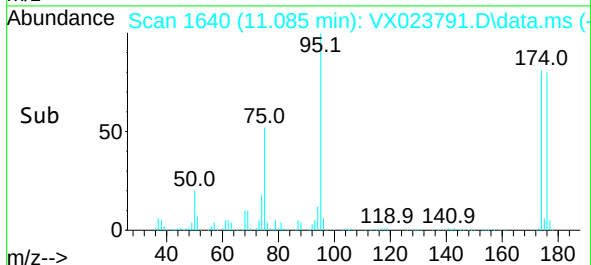
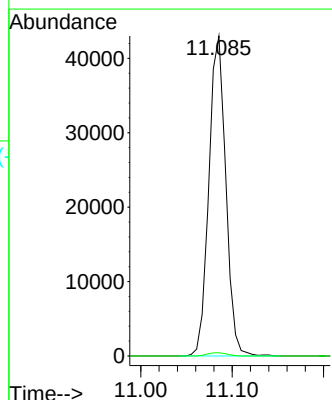
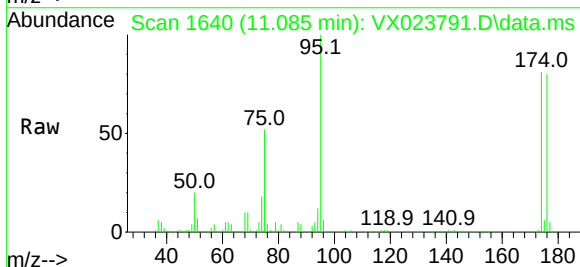
Instrument :
MSVOA_X
ClientSampled :
21N

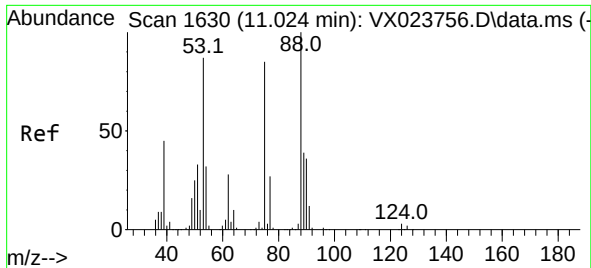
Tgt Ion: 43	Resp:	690
Ion	Ratio	Lower Upper
43	100	
70	0.0	39.0 58.6#
55	0.0	21.5 32.3#
61	0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 25.858 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023791.D
Acq: 18 Aug 2021 03:05

Tgt Ion: 75	Resp:	55206
Ion	Ratio	Lower Upper
75	100	
77	1.1	19.1 57.5#

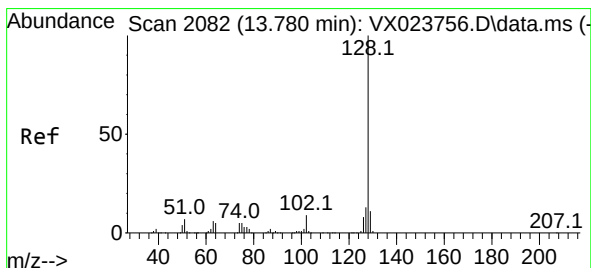
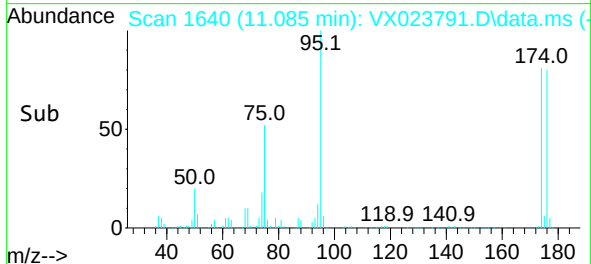
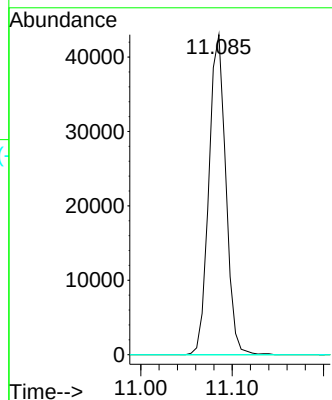
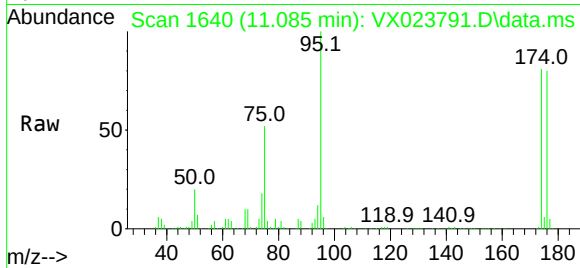




#81
trans-1,4-Dichloro-2-butene
Concen: 76.062 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023791.D
Acq: 18 Aug 2021 03:05

Instrument :
MSVOA_X
ClientSampled :
21N

Tgt Ion: 75 Resp: 55206
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.306 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023791.D
Acq: 18 Aug 2021 03:05

Tgt Ion: 128 Resp: 164
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

