

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090221\
 Data File : VX024083.D
 Acq On : 02 Sep 2021 20:20
 Operator : JC/MD
 Sample : M3643-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OF-1

Quant Time: Sep 03 05:41:34 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)

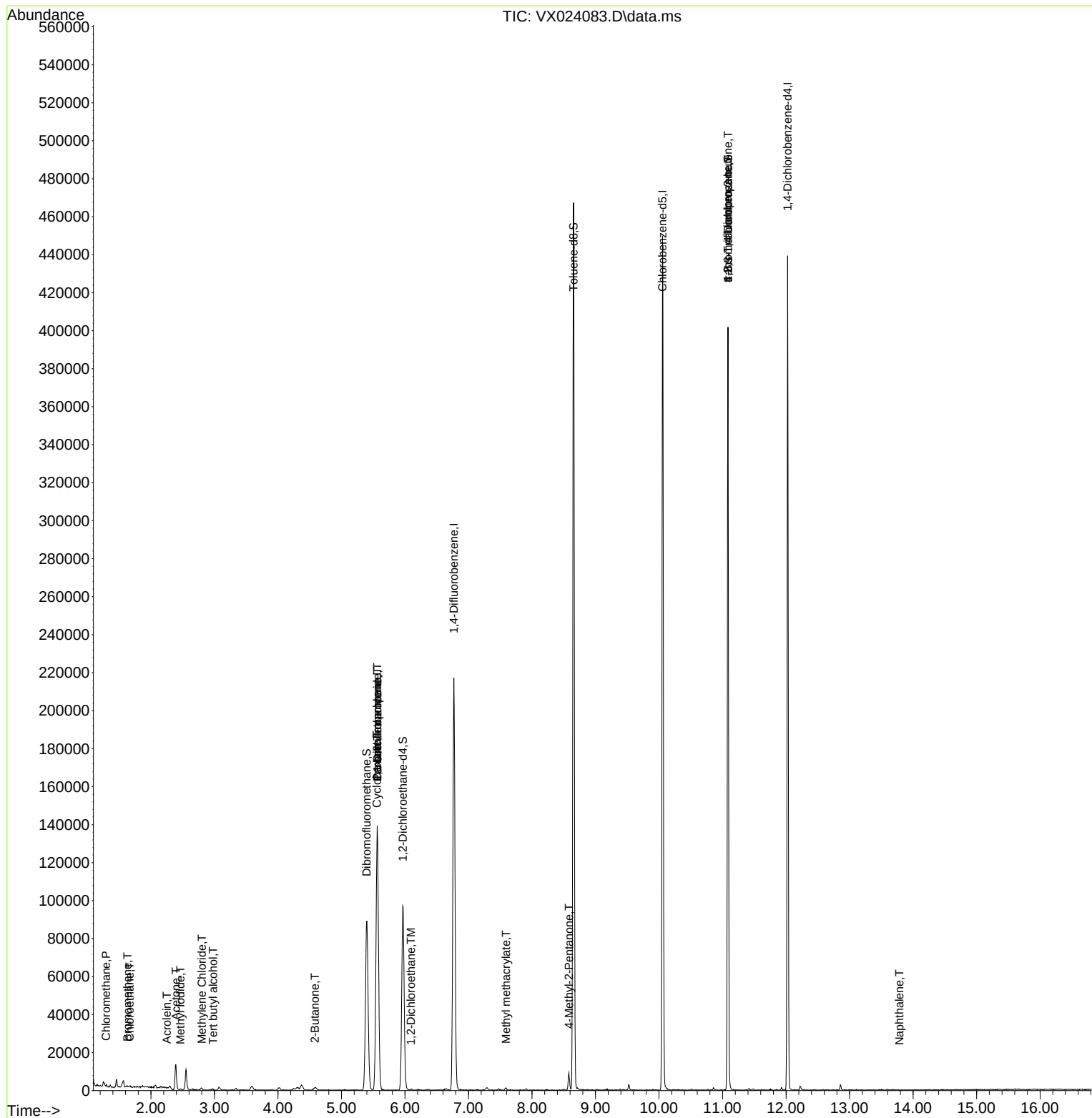
Internal Standards						
1) Pentafluorobenzene	5.562	168	125823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	211553	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98154	55.893	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.780%
35) Dibromofluoromethane	5.397	113	76198	54.419	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.840%
50) Toluene-d8	8.653	98	271995	51.038	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.080%
62) 4-Bromofluorobenzene	11.085	95	95487	48.672	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.340%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	544	0.373	ug/l #	86
5) Bromomethane	1.630	94	418	0.468	ug/l	87
6) Chloroethane	1.666	64	250	2.419	ug/l #	43
10) Methyl Iodide	2.465	142	380	0.216	ug/l #	89
11) Tert butyl alcohol	2.977	59	282	0.794	ug/l #	73
13) Acrolein	2.252	56	200	0.946	ug/l #	14
16) Acetone	2.392	43	14102	17.960	ug/l	91
20) Methylene Chloride	2.800	84	530	0.353	ug/l #	62
25) 2-Butanone	4.580	43	2346	1.973	ug/l #	77
31) Cyclohexane	5.556	56	2766	1.226	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	9825	5.015	ug/l #	50
38) Carbon Tetrachloride	5.562	117	13790	6.750	ug/l #	17
42) 1,2-Dichloroethane	6.092	62	511	0.224	ug/l #	73
48) Methyl methacrylate	7.592	41	427	0.232	ug/l #	30
51) 4-Methyl-2-Pentanone	8.580	43	5230	2.148	ug/l	88
76) 1,2,3-Trichloropropane	11.085	75	53617	27.024	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	53617	79.493	ug/l #	12
95) Naphthalene	13.786	128	25	1.286	ug/l #	69

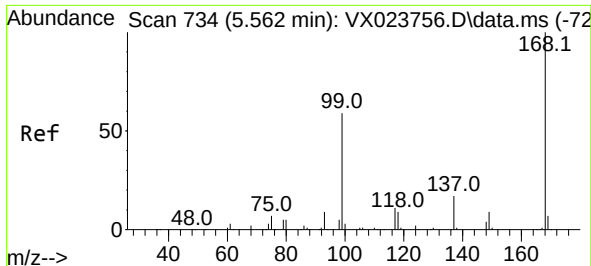
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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OF-1

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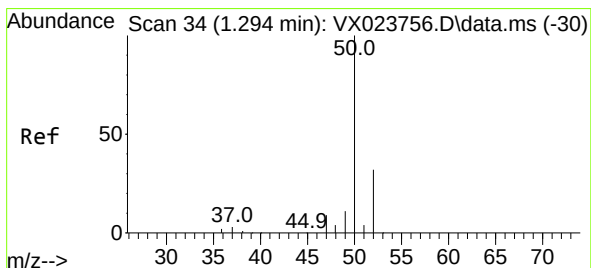
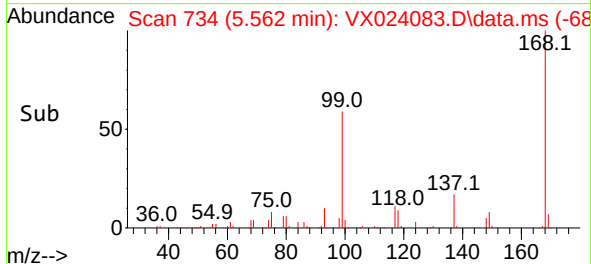
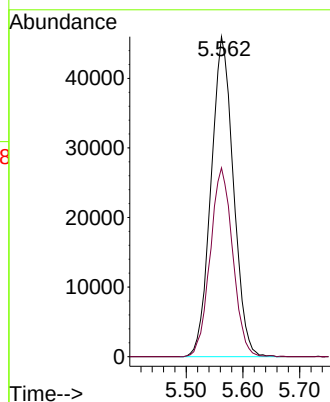
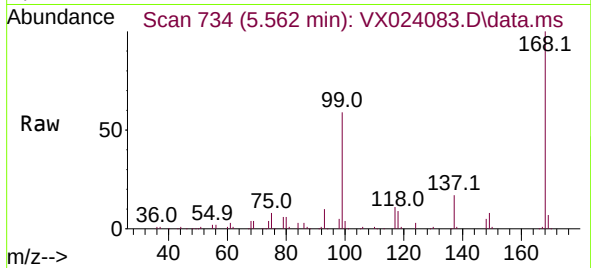




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024083.D
Acq: 02 Sep 2021 20:20

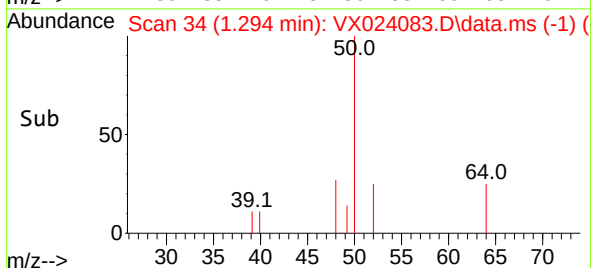
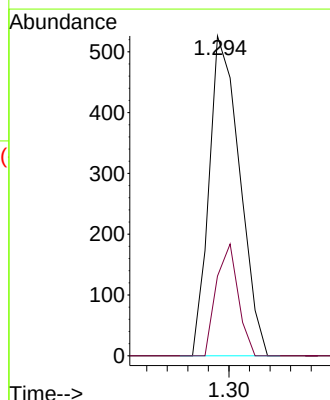
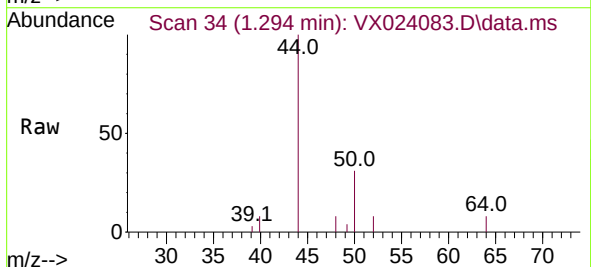
Instrument :
MSVOA_X
ClientSampled :
OF-1

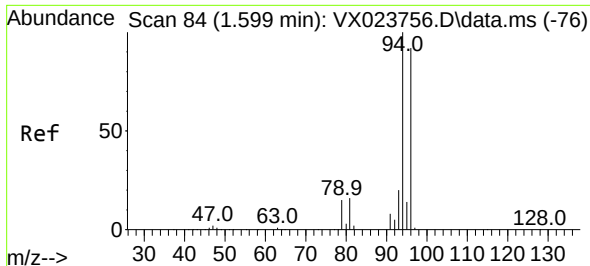
Tgt Ion:168 Resp: 125823
Ion Ratio Lower Upper
168 100
99 59.0 45.8 68.6



#3
Chloromethane
Concen: 0.373 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024083.D
Acq: 02 Sep 2021 20:20

Tgt Ion: 50 Resp: 544
Ion Ratio Lower Upper
50 100
52 24.9 26.4 39.6#

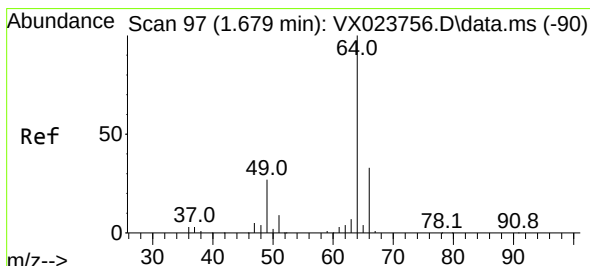
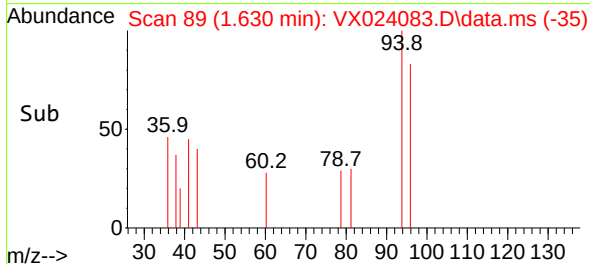
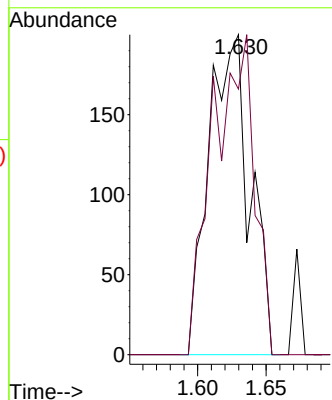
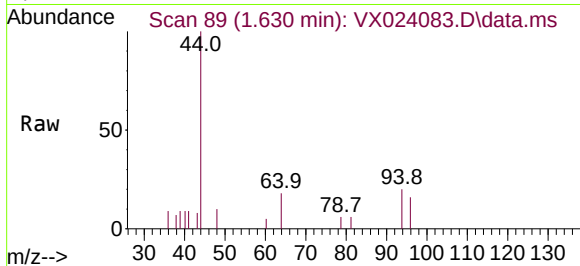




#5
Bromomethane
Concen: 0.468 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX024083.D
Acq: 02 Sep 2021 20:20

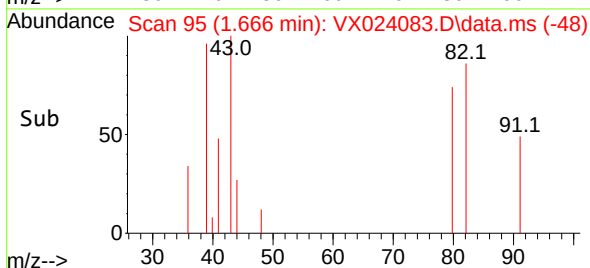
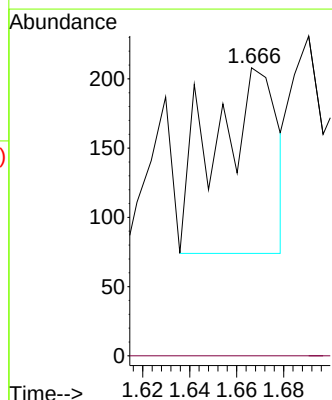
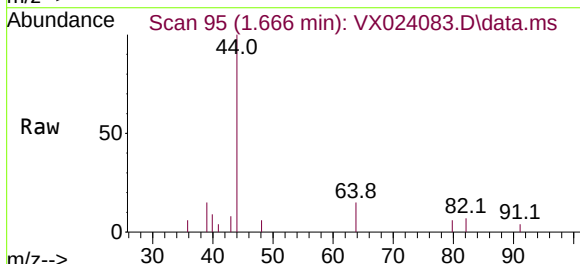
Instrument :
MSVOA_X
ClientSampled :
OF-1

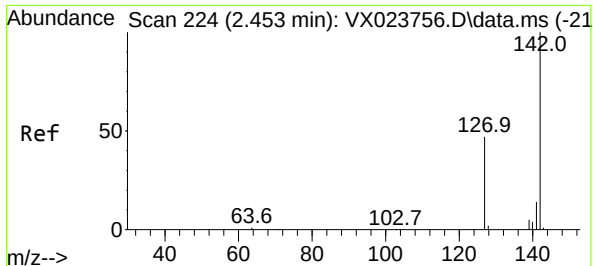
Tgt Ion: 94 Resp: 418
Ion Ratio Lower Upper
94 100
96 83.0 76.4 114.6



#6
Chloroethane
Concen: 2.419 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX024083.D
Acq: 02 Sep 2021 20:20

Tgt Ion: 64 Resp: 250
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

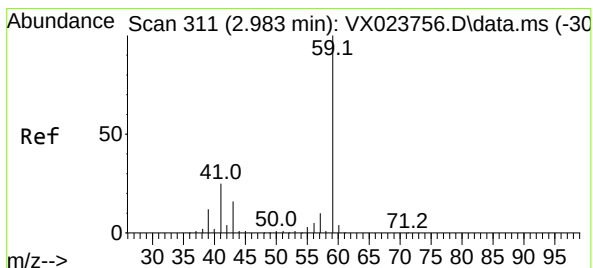
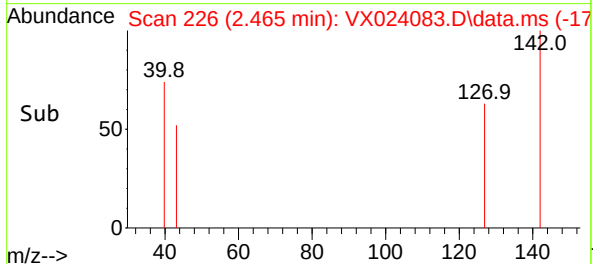
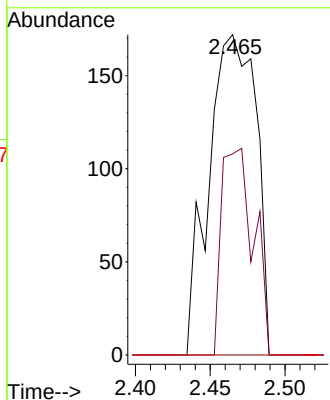
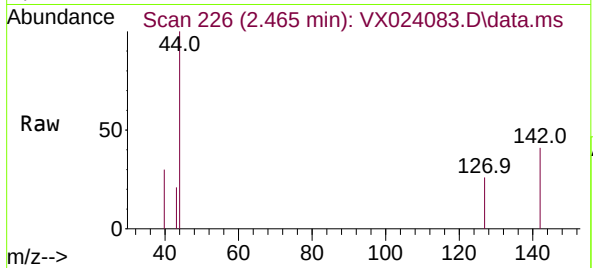




#10
Methyl Iodide
Concen: 0.216 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024083.D
Acq: 02 Sep 2021 20:20

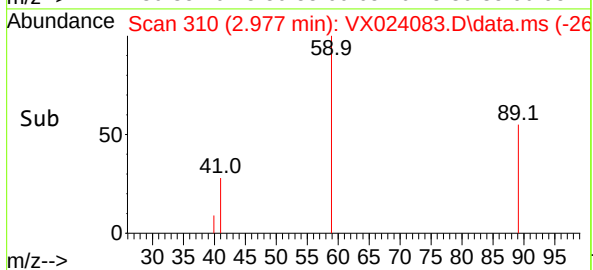
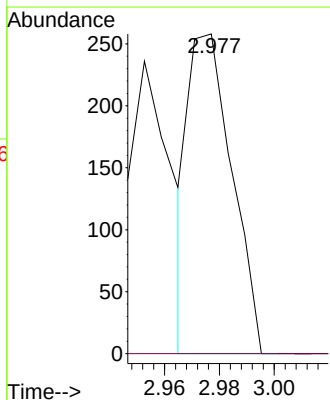
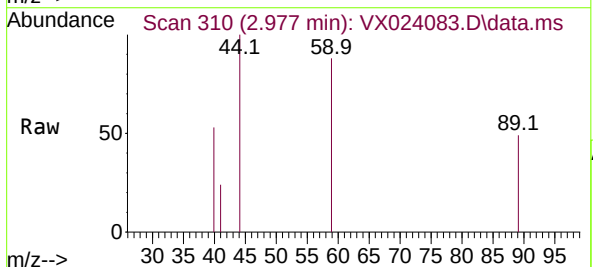
Instrument :
MSVOA_X
ClientSampled :
OF-1

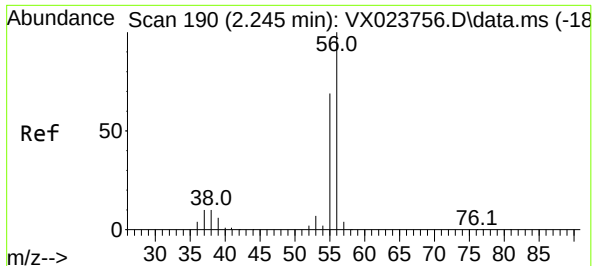
Tgt Ion:142 Resp: 380
Ion Ratio Lower Upper
142 100
127 43.4 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.794 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX024083.D
Acq: 02 Sep 2021 20:20

Tgt Ion: 59 Resp: 282
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

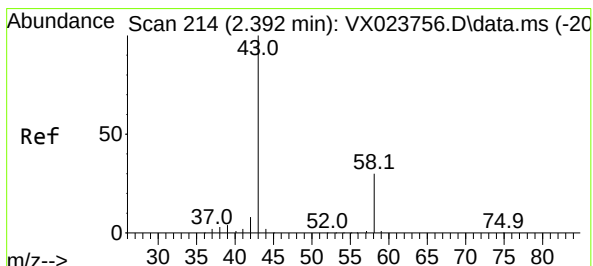
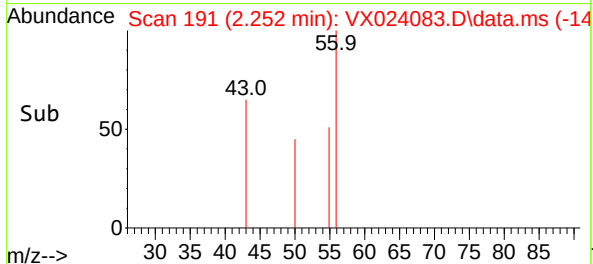
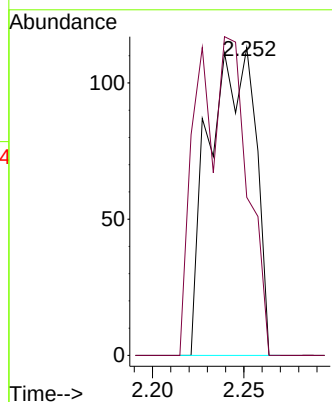
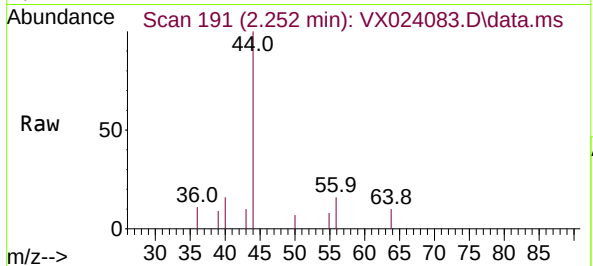




#13
Acrolein
Concen: 0.946 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.007 min
Lab File: VX024083.D
Acq: 02 Sep 2021 20:20

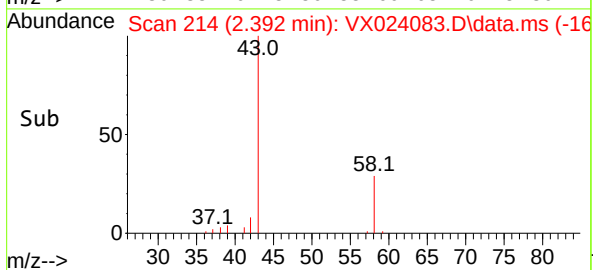
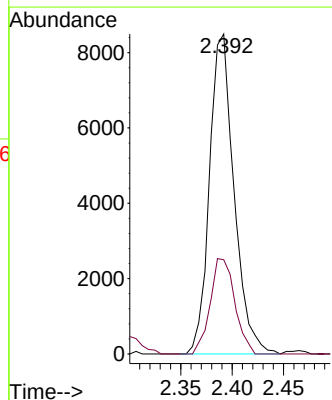
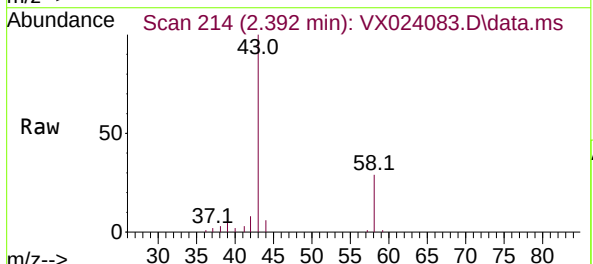
Instrument :
MSVOA_X
ClientSampled :
OF-1

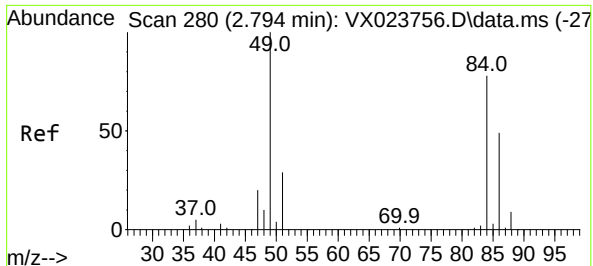
Tgt Ion: 56 Resp: 200
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 17.960 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024083.D
Acq: 02 Sep 2021 20:20

Tgt Ion: 43 Resp: 14102
Ion Ratio Lower Upper
43 100
58 29.5 27.8 41.8

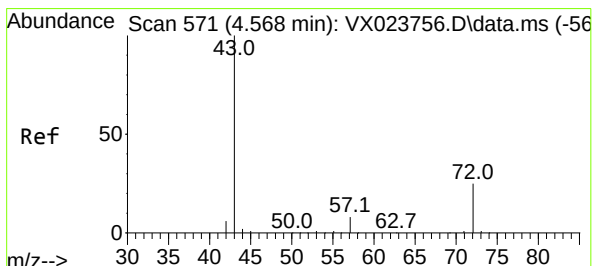
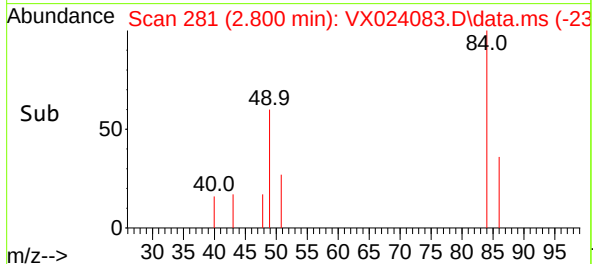
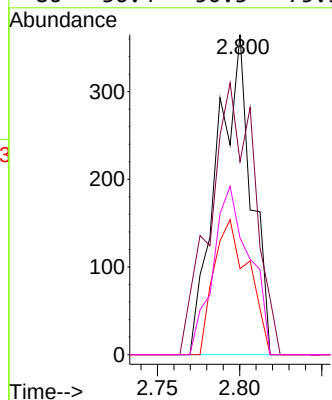
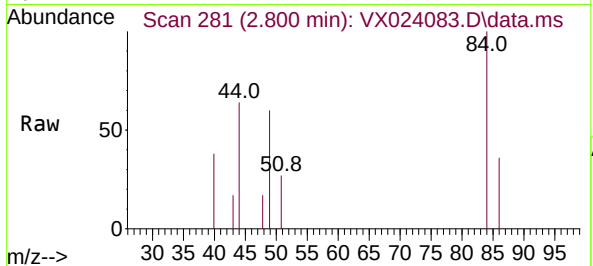




#20
Methylene Chloride
Concen: 0.353 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX024083.D
Acq: 02 Sep 2021 20:20

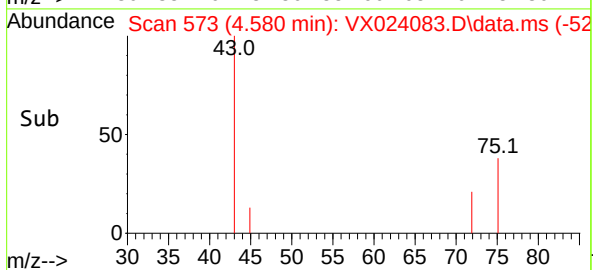
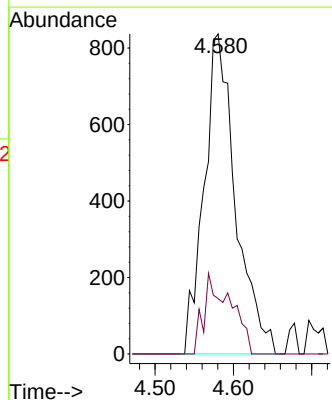
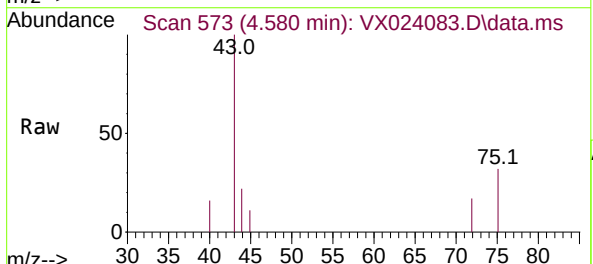
Instrument :
MSVOA_X
ClientSampled :
OF-1

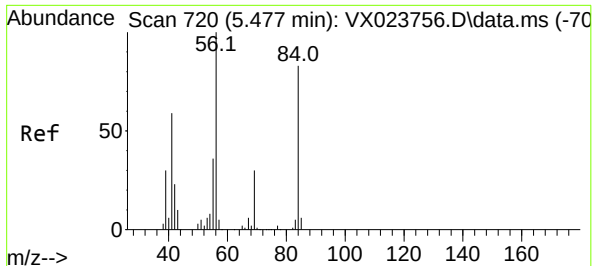
Tgt Ion: 84	Resp:	530
Ion	Ratio	Lower Upper
84	100	
49	60.3	88.6 132.8#
51	26.8	27.0 40.6#
86	36.4	50.3 75.5#



#25
2-Butanone
Concen: 1.973 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX024083.D
Acq: 02 Sep 2021 20:20

Tgt Ion: 43	Resp:	2346
Ion	Ratio	Lower Upper
43	100	
72	17.3	23.7 35.5#

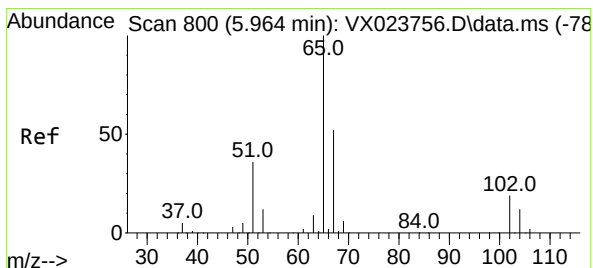
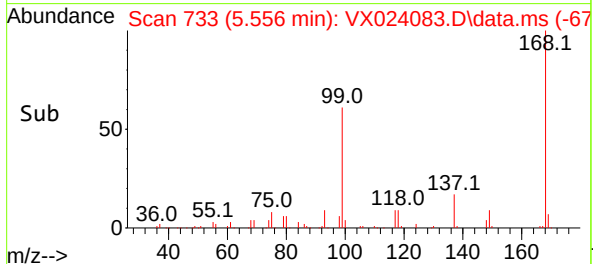
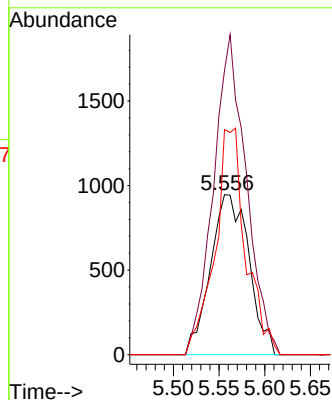
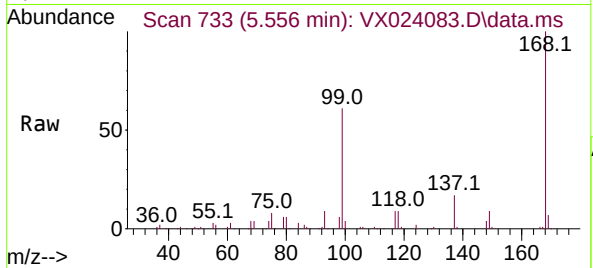




#31
Cyclohexane
Concen: 1.226 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024083.D
Acq: 02 Sep 2021 20:20

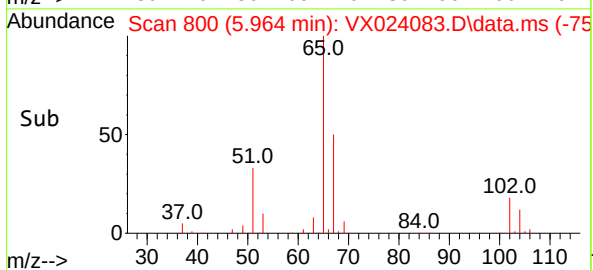
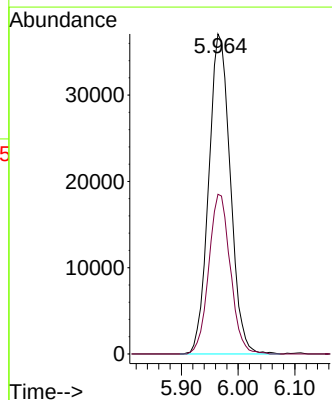
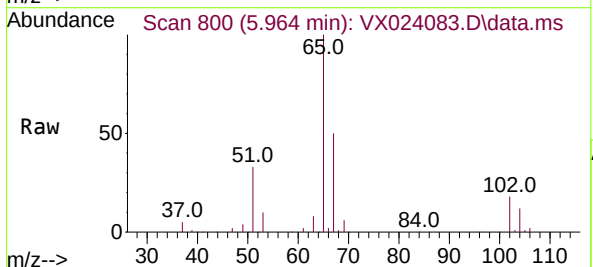
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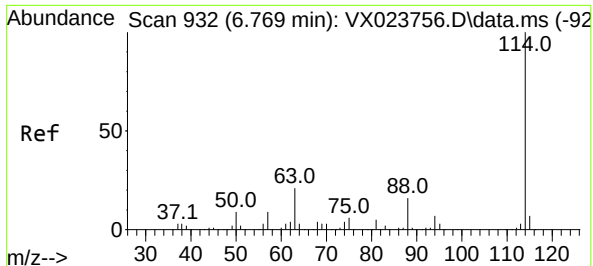
Tgt Ion: 56 Resp: 2766
Ion Ratio Lower Upper
56 100
69 177.8 25.3 37.9#
84 140.8 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 55.893 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024083.D
Acq: 02 Sep 2021 20:20

Tgt Ion: 65 Resp: 98154
Ion Ratio Lower Upper
65 100
67 49.7 0.0 105.4

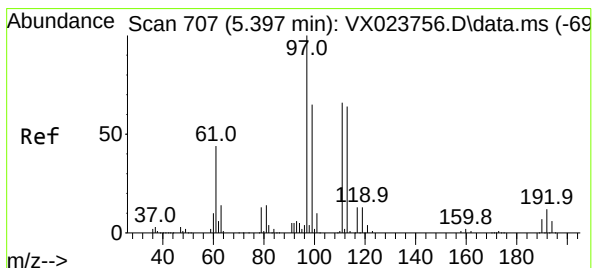
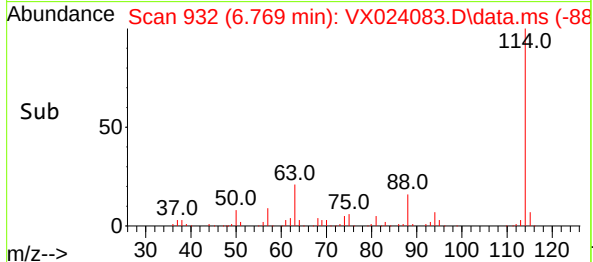
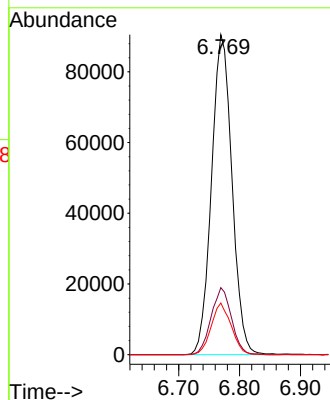
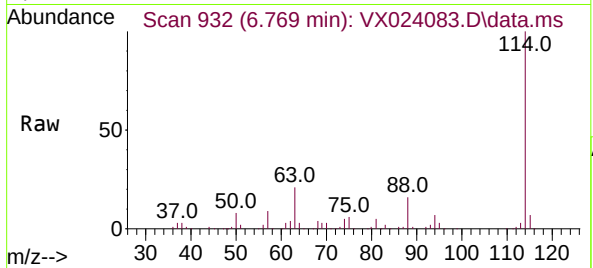




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024083.D
Acq: 02 Sep 2021 20:20

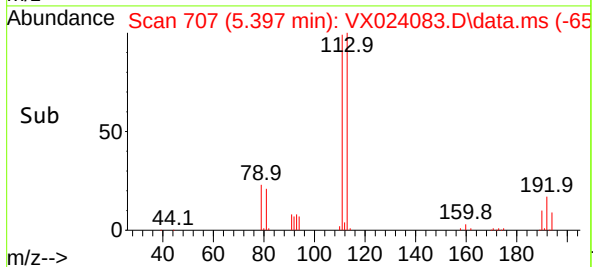
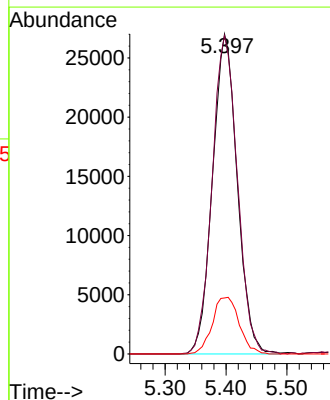
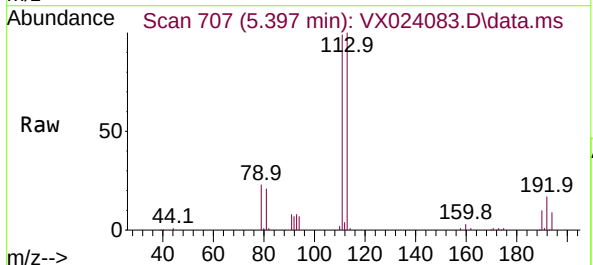
Instrument :
MSVOA_X
ClientSampled :
OF-1

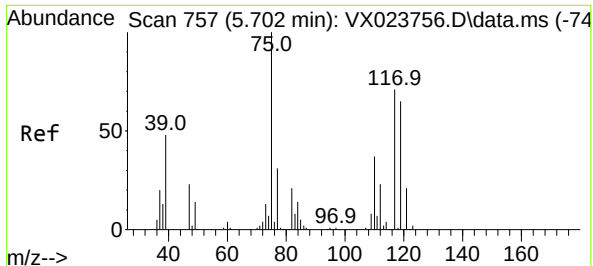
Tgt Ion:114 Resp: 211553
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 54.419 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024083.D
Acq: 02 Sep 2021 20:20

Tgt Ion:113 Resp: 76198
Ion Ratio Lower Upper
113 100
111 101.5 81.9 122.9
192 19.2 16.7 25.1

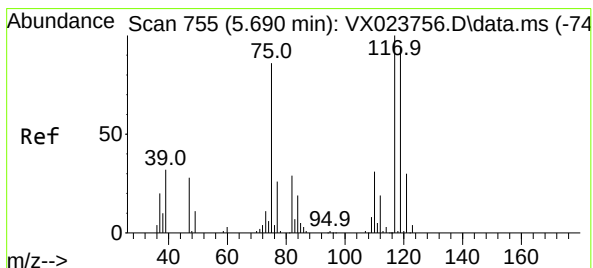
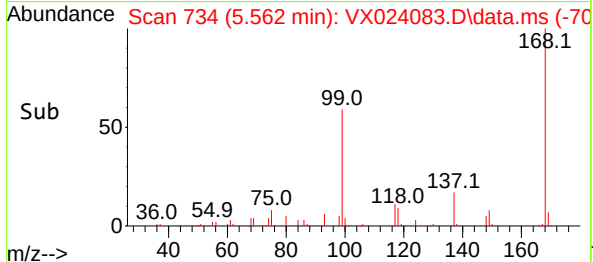
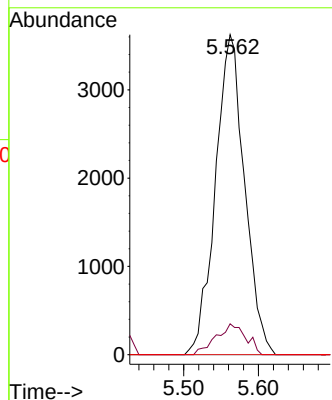
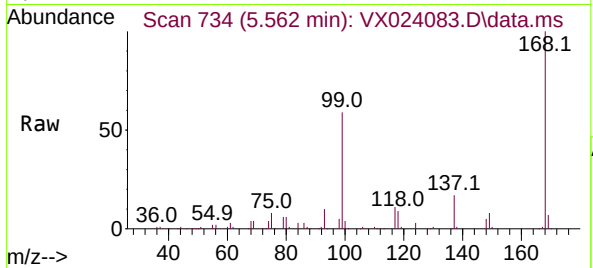




#36
1,1-Dichloropropene
Concen: 5.015 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024083.D
Acq: 02 Sep 2021 20:20

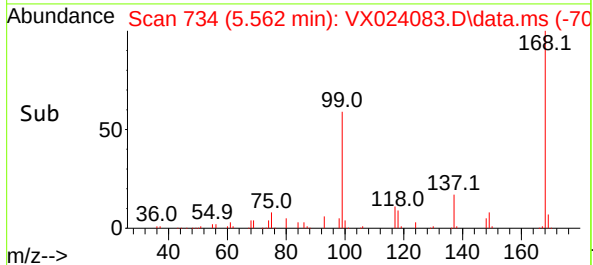
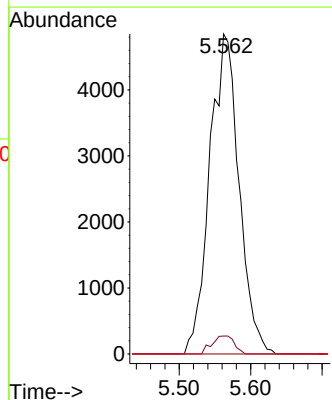
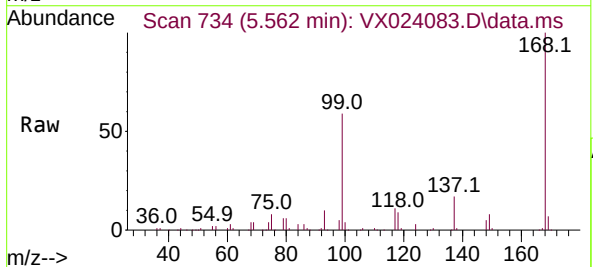
Instrument :
MSVOA_X
ClientSampled :
OF-1

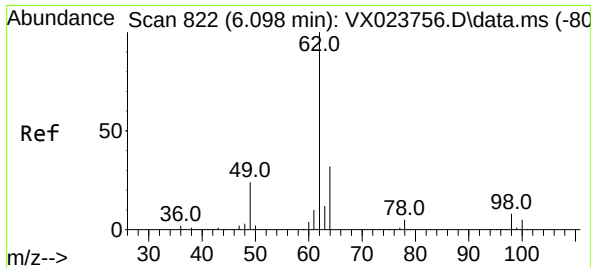
Tgt Ion: 75 Resp: 9825
Ion Ratio Lower Upper
75 100
110 9.9 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.750 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024083.D
Acq: 02 Sep 2021 20:20

Tgt Ion: 117 Resp: 13790
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#





#42

1,2-Dichloroethane

Concen: 0.224 ug/l

RT: 6.092 min Scan# 821

Delta R.T. -0.006 min

Lab File: VX024083.D

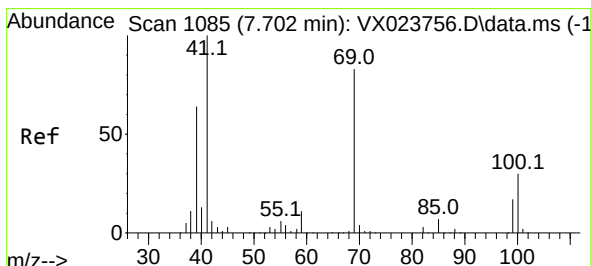
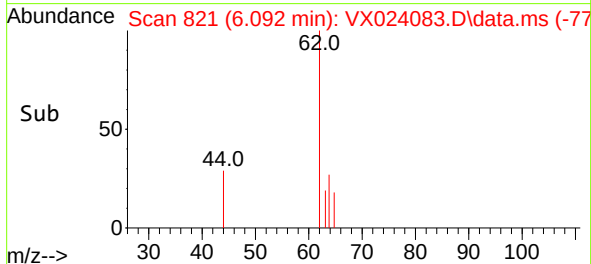
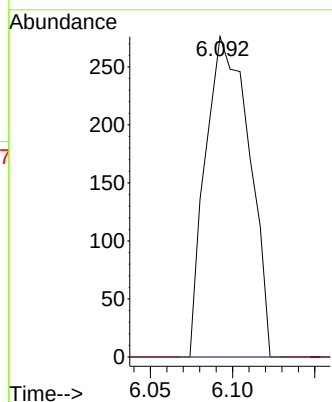
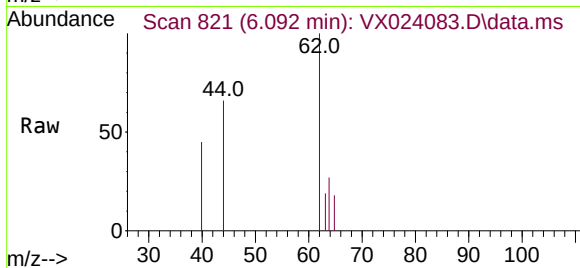
Acq: 02 Sep 2021 20:20

Tgt Ion: 62 Resp: 511

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2



#48

Methyl methacrylate

Concen: 0.232 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. -0.110 min

Lab File: VX024083.D

Acq: 02 Sep 2021 20:20

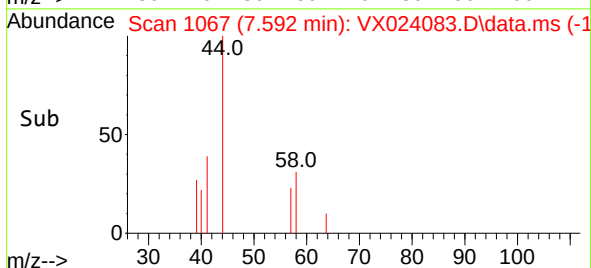
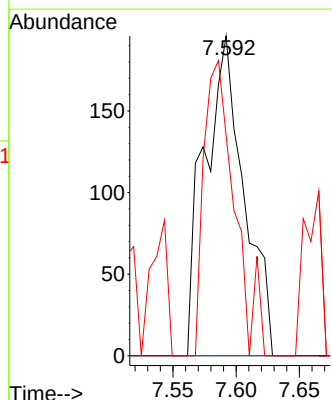
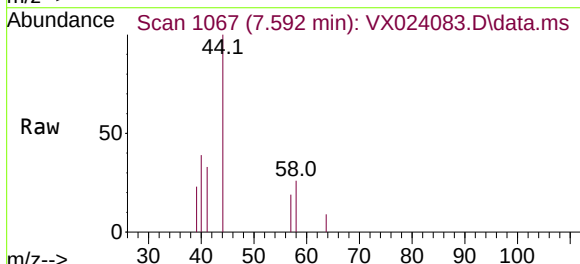
Tgt Ion: 41 Resp: 427

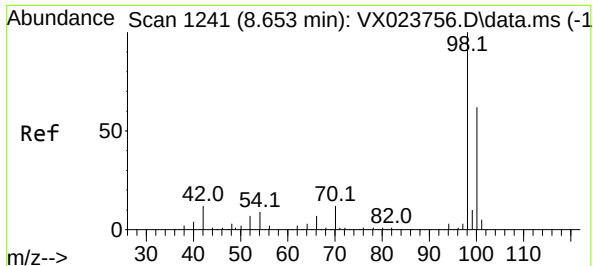
Ion Ratio Lower Upper

41 100

69 0.0 76.0 114.0#

39 71.4 44.6 67.0#





#50

Toluene-d8

Concen: 51.038 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024083.D

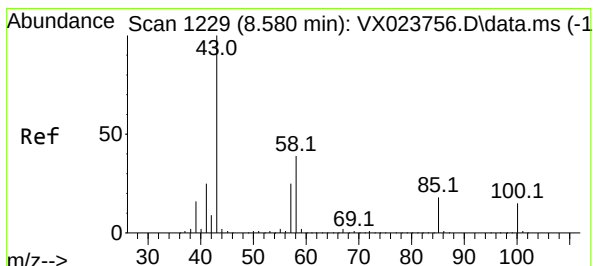
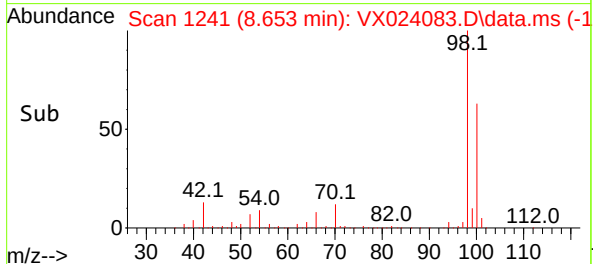
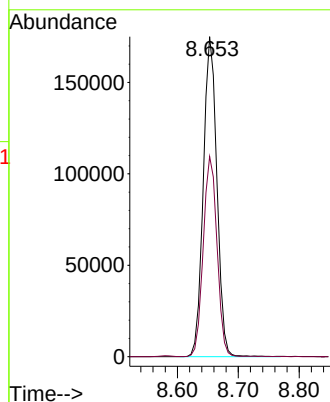
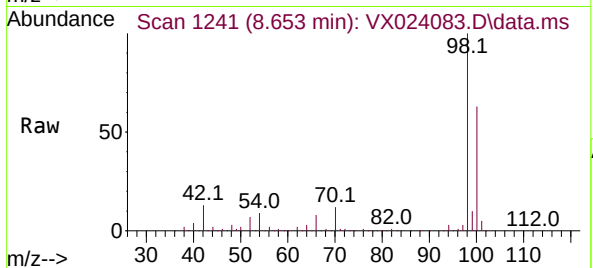
Acq: 02 Sep 2021 20:20

Tgt Ion: 98 Resp: 271995

Ion Ratio Lower Upper

98 100

100 63.1 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 2.148 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VX024083.D

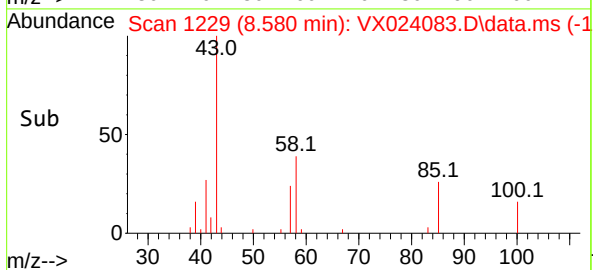
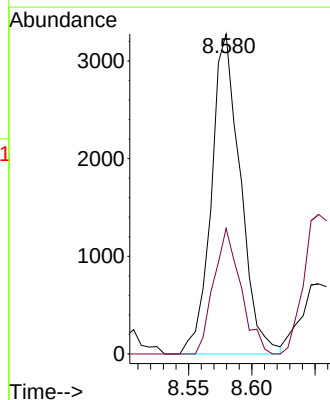
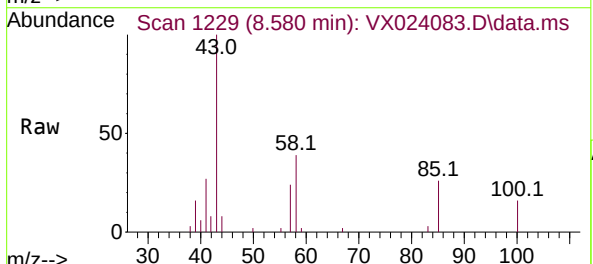
Acq: 02 Sep 2021 20:20

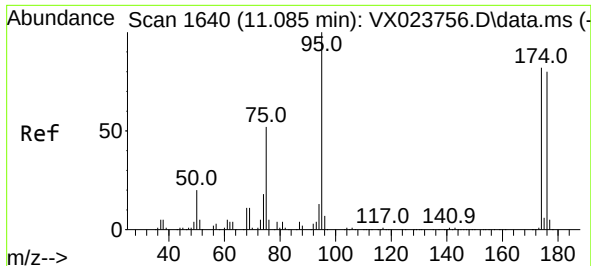
Tgt Ion: 43 Resp: 5230

Ion Ratio Lower Upper

43 100

58 36.4 35.4 53.0

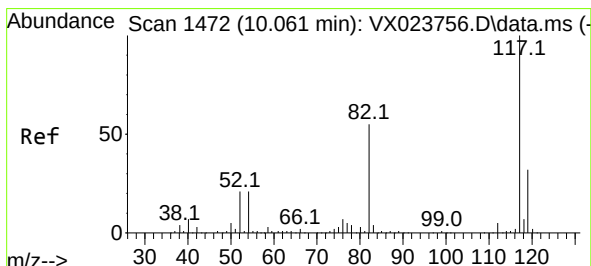
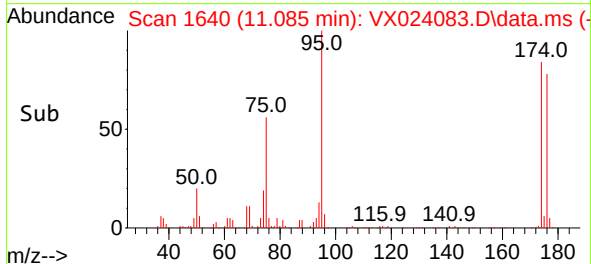
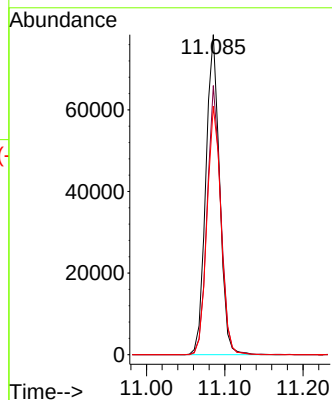
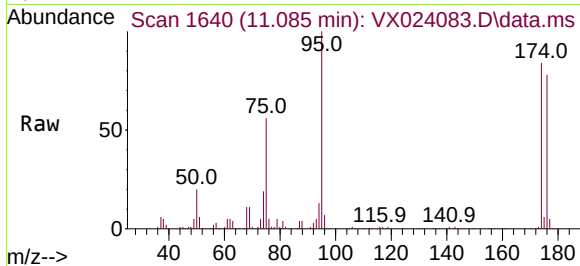




#62
4-Bromofluorobenzene
Concen: 48.672 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024083.D
Acq: 02 Sep 2021 20:20

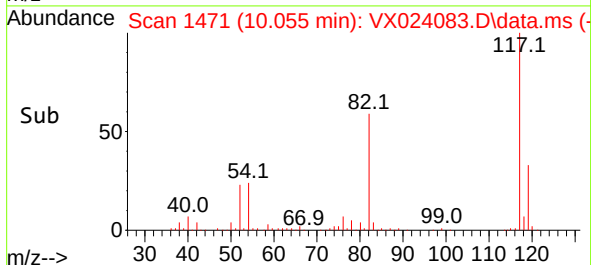
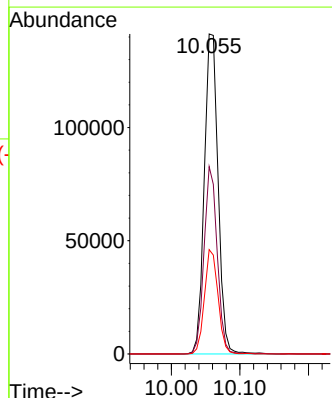
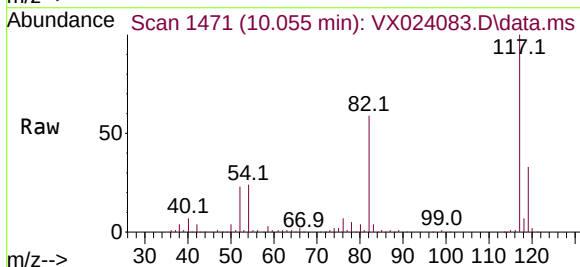
Instrument :
MSVOA_X
ClientSampled :
OF-1

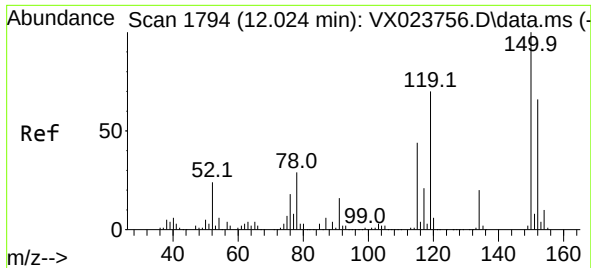
Tgt Ion: 95 Resp: 95487
Ion Ratio Lower Upper
95 100
174 82.9 0.0 154.6
176 79.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024083.D
Acq: 02 Sep 2021 20:20

Tgt Ion: 117 Resp: 198495
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 32.6 26.6 39.8

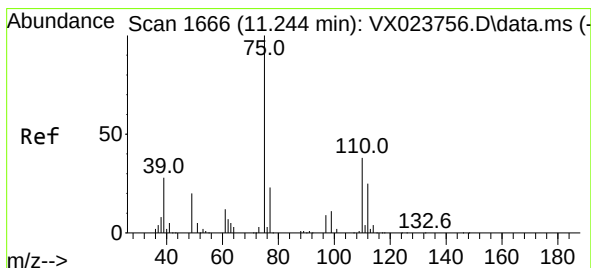
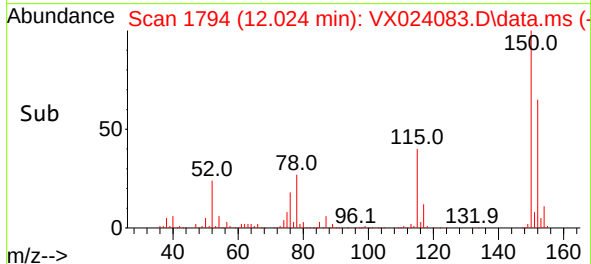
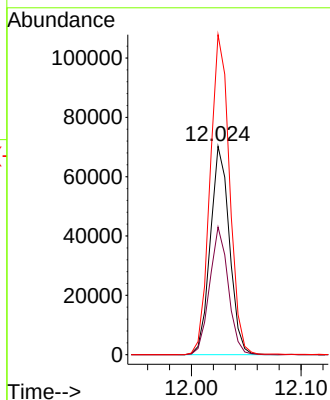
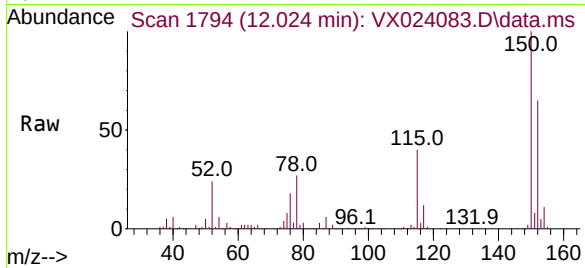




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024083.D
Acq: 02 Sep 2021 20:20

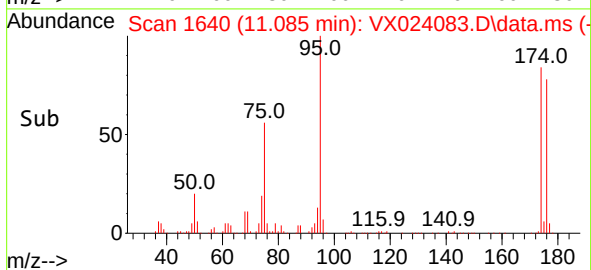
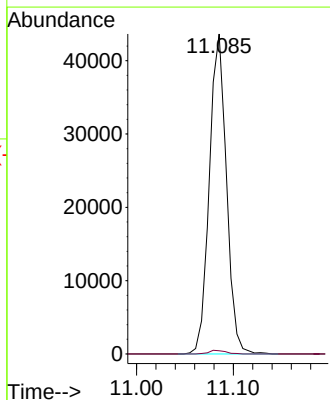
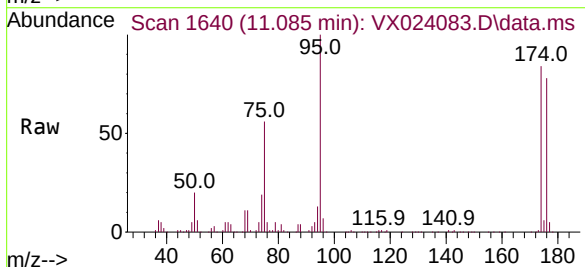
Instrument :
MSVOA_X
ClientSampled :
OF-1

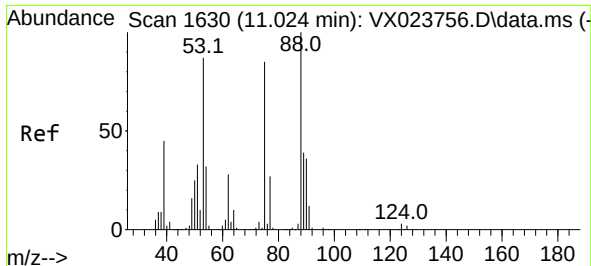
Tgt Ion:152 Resp: 85052
Ion Ratio Lower Upper
152 100
115 59.6 41.1 123.3
150 156.7 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.024 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024083.D
Acq: 02 Sep 2021 20:20

Tgt Ion: 75 Resp: 53617
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

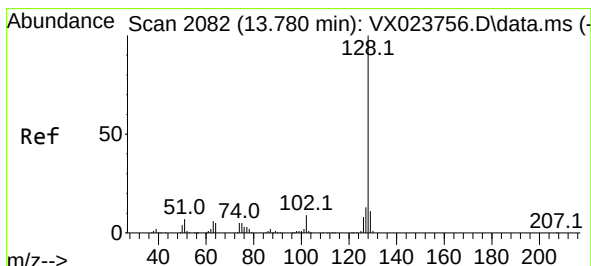
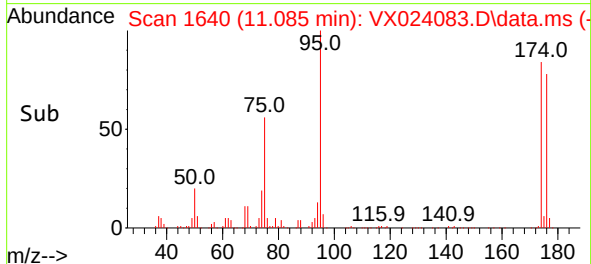
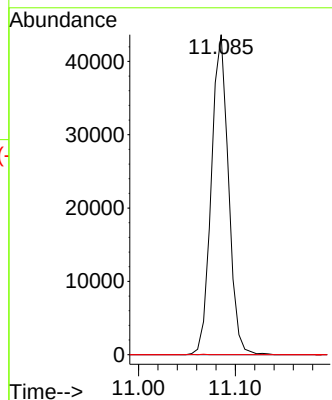
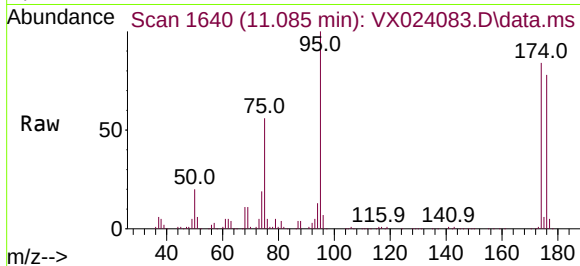




#81
trans-1,4-Dichloro-2-butene
Concen: 79.493 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024083.D
Acq: 02 Sep 2021 20:20

Instrument :
MSVOA_X
ClientSampled :
OF-1

Tgt Ion: 75 Resp: 53617
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.286 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024083.D
Acq: 02 Sep 2021 20:20

Tgt Ion: 128 Resp: 25
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

