

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081321\
 Data File : VX023728.D
 Acq On : 14 Aug 2021 07:09
 Operator : JC/MD
 Sample : M3398-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 14 07:59:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

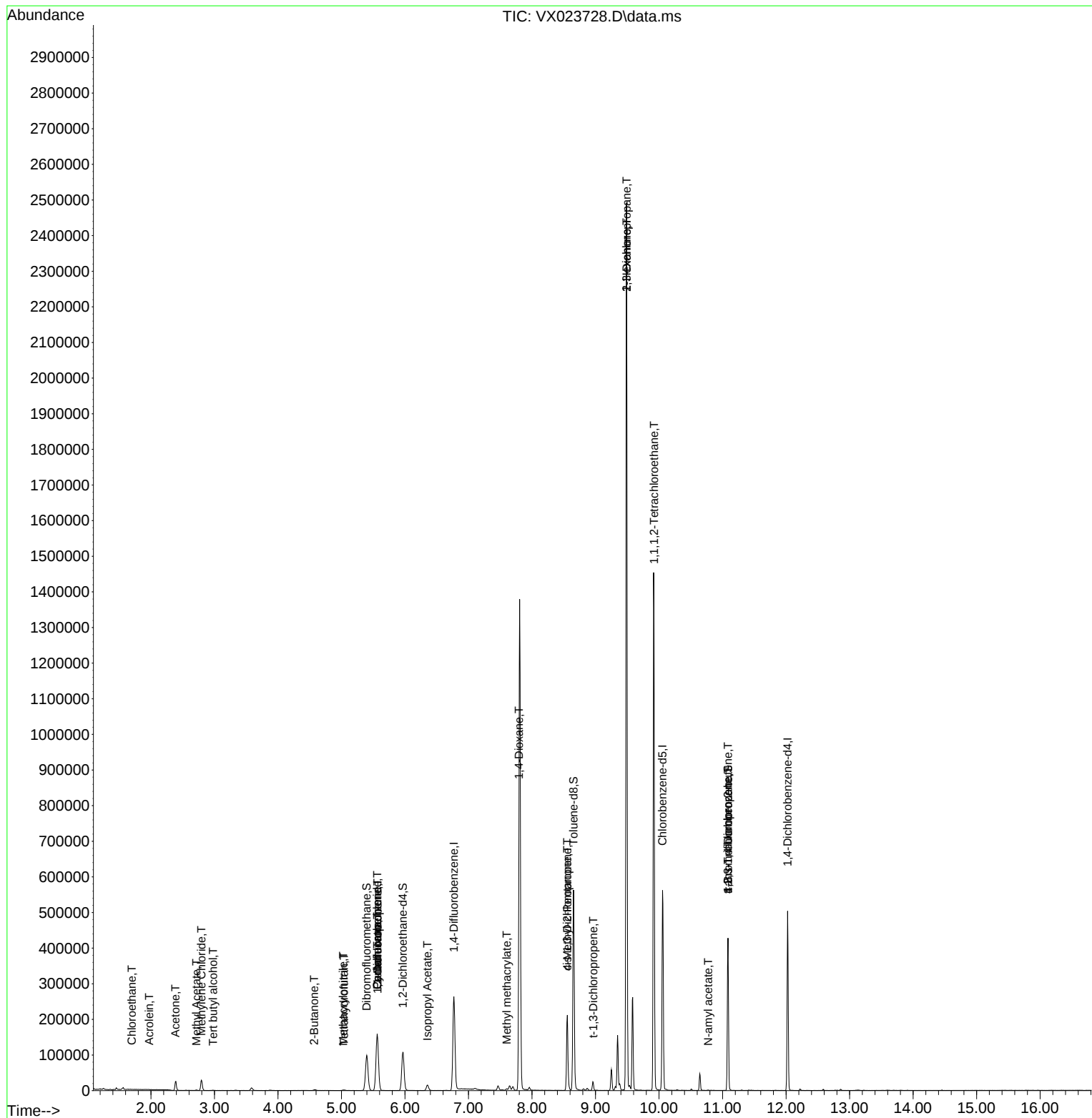
Internal Standards						
1) Pentafluorobenzene	5.562	168	146520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	255989	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107175	58.639	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 117.280%#		
35) Dibromofluoromethane	5.397	113	82255	51.391	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.780%		
50) Toluene-d8	8.653	98	322882	54.907	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 109.820%		
62) 4-Bromofluorobenzene	11.085	95	108065	54.043	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 108.080%		
Target Compounds						
						Qvalue
6) Chloroethane	1.697	64	282	0.289	ug/l #	43
11) Tert butyl alcohol	2.977	59	789	1.890	ug/l #	91
13) Acrolein	1.971	56	25	1.481	ug/l #	14
16) Acetone	2.386	43	27795	31.002	ug/l	91
18) Methyl Acetate	2.715	43	1732	0.813	ug/l	90
20) Methylene Chloride	2.794	84	12586	7.217	ug/l	85
25) 2-Butanone	4.568	43	4436	3.187	ug/l #	71
29) Tetrahydrofuran	5.038	42	1508	1.653	ug/l #	65
31) Cyclohexane	5.562	56	3544	1.309	ug/l #	39
36) 1,1-Dichloropropene	5.568	75	11537	4.982	ug/l #	49
38) Carbon Tetrachloride	5.562	117	15040	6.386	ug/l #	17
41) Methacrylonitrile	5.025	41	395	0.256	ug/l #	17
43) Isopropyl Acetate	6.354	43	20990	4.639	ug/l	92
48) Methyl methacrylate	7.604	41	6314	3.013	ug/l #	10
49) 1,4-Dioxane	7.793	88	149	3.339	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	76154	27.520	ug/l #	44
53) t-1,3-Dichloropropene	8.964	75	59	1.837	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	31884	11.520	ug/l #	70
57) 1,3-Dichloropropane	9.488	76	19949	6.816	ug/l #	42
59) 2-Hexanone	9.488	43	292198	139.049	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	9.921	131	19	0.984	ug/l #	8
74) N-amyl acetate	10.774	43	947	0.277	ug/l #	38
76) 1,2,3-Trichloropropane	11.085	75	56842	25.982	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	56842	69.861	ug/l #	12

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081321\
Data File : VX023728.D
Acq On : 14 Aug 2021 07:09
Operator : JC/MD
Sample : M3398-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Aug 14 07:59:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

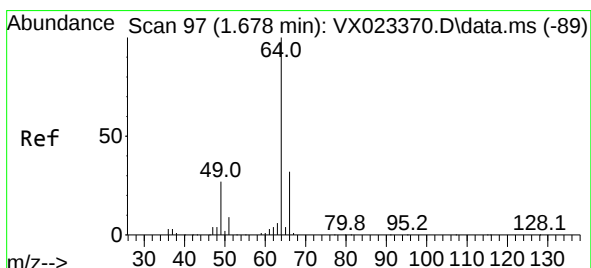
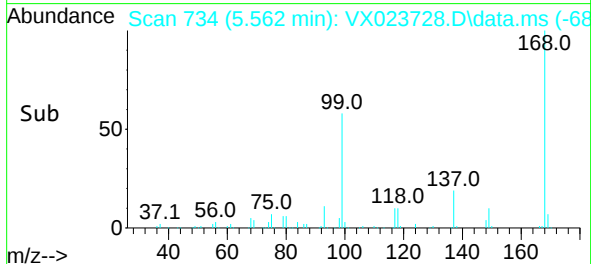
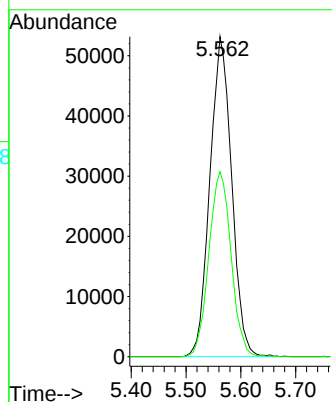
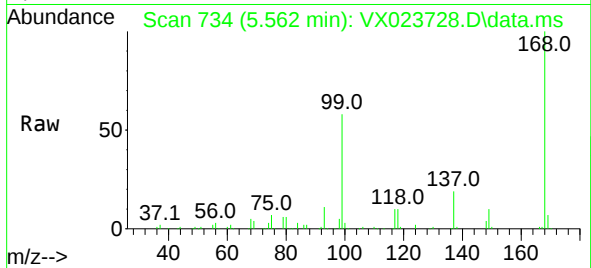




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023728.D
Acq: 14 Aug 2021 07:09

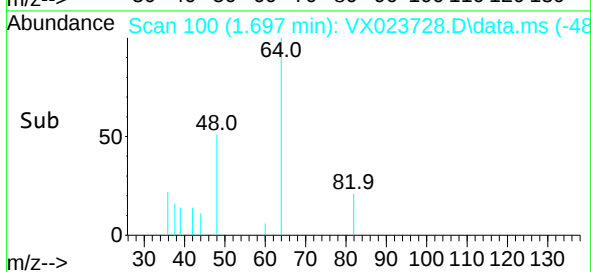
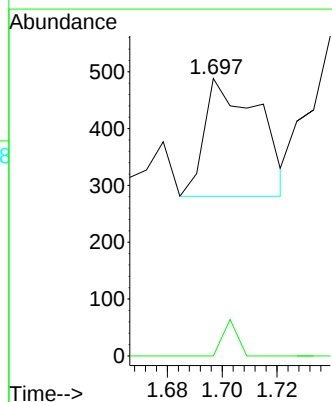
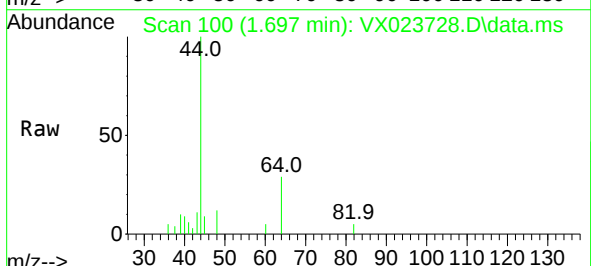
Instrument :
MSVOA_X
ClientSampled :

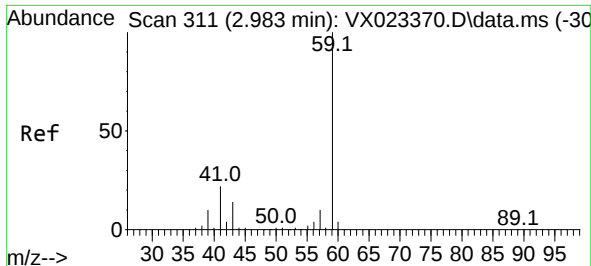
Tgt Ion:168 Resp: 146520
Ion Ratio Lower Upper
168 100
99 57.8 45.8 68.6



#6
Chloroethane
Concen: 0.289 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.019 min
Lab File: VX023728.D
Acq: 14 Aug 2021 07:09

Tgt Ion: 64 Resp: 282
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



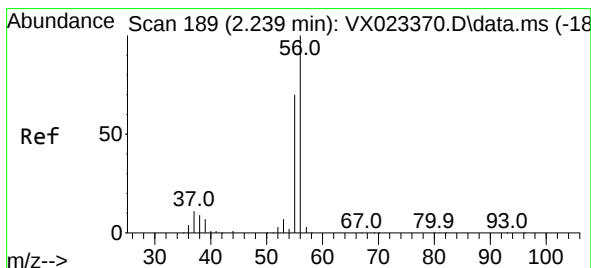
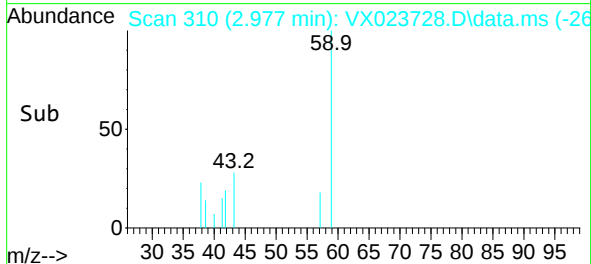
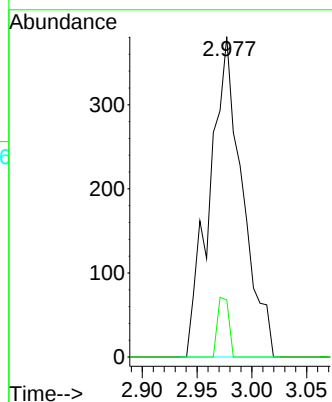
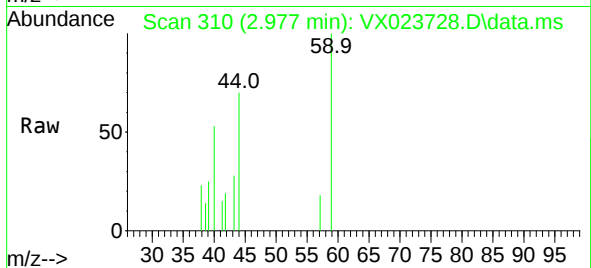


#11

Tert butyl alcohol
Concen: 1.890 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX023728.D
Acq: 14 Aug 2021 07:09

Instrument :
MSVOA_X
ClientSampled :

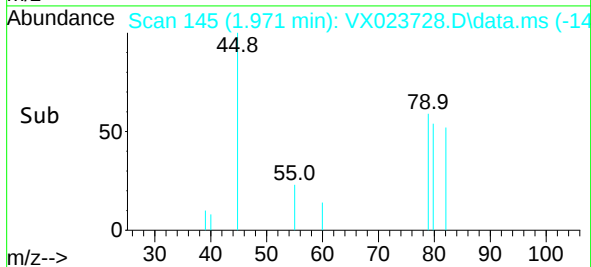
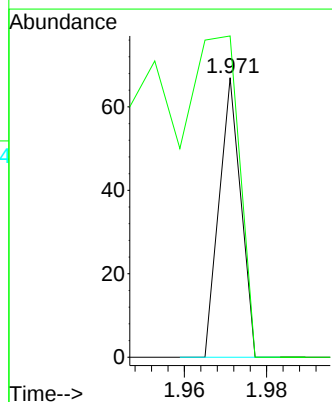
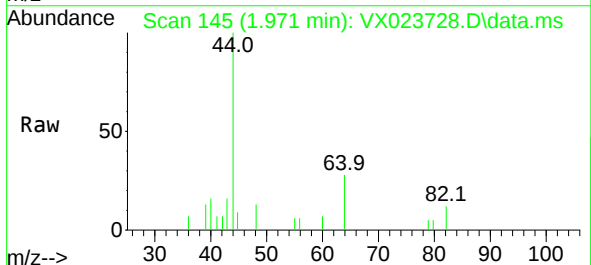
Tgt Ion: 59 Resp: 789
Ion Ratio Lower Upper
59 100
57 6.5 7.8 11.8#

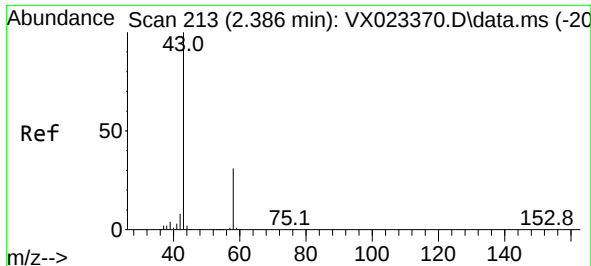


#13

Acrolein
Concen: 1.481 ug/l
RT: 1.971 min Scan# 145
Delta R.T. -0.268 min
Lab File: VX023728.D
Acq: 14 Aug 2021 07:09

Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

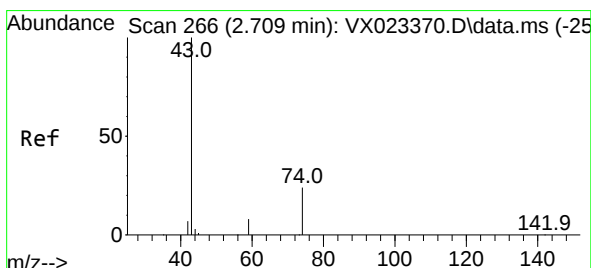
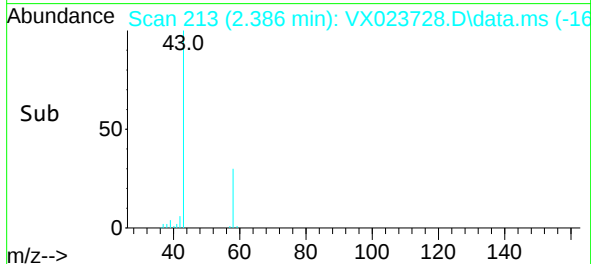
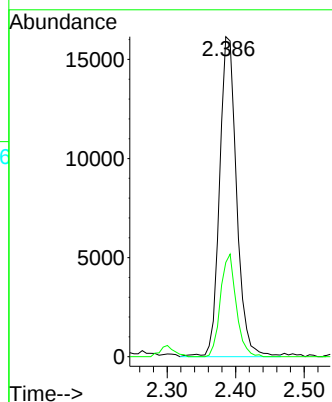
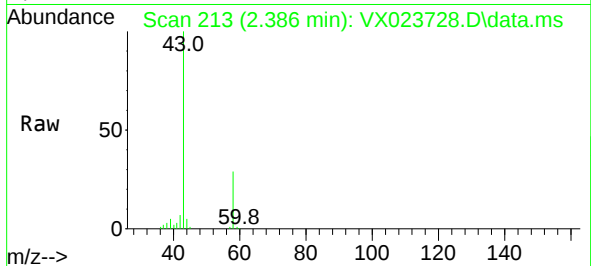




#16
Acetone
Concen: 31.002 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023728.D
Acq: 14 Aug 2021 07:09

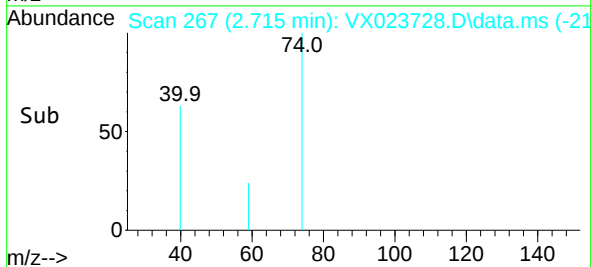
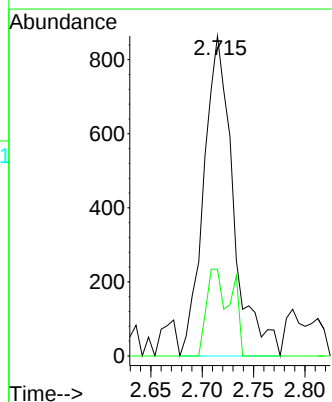
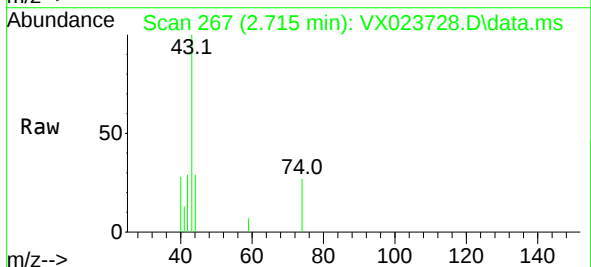
Instrument :
MSVOA_X
ClientSampled :

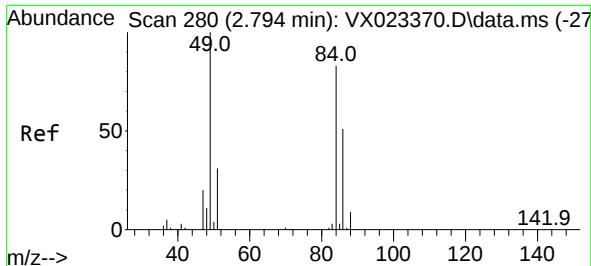
Tgt Ion: 43 Resp: 27795
Ion Ratio Lower Upper
43 100
58 29.4 27.8 41.8



#18
Methyl Acetate
Concen: 0.813 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX023728.D
Acq: 14 Aug 2021 07:09

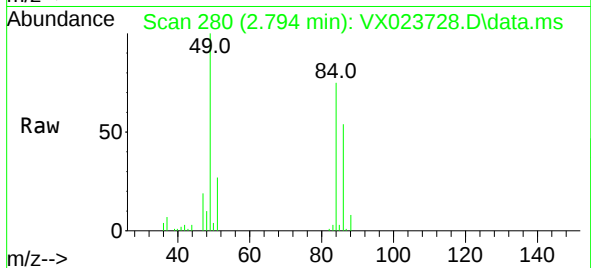
Tgt Ion: 43 Resp: 1732
Ion Ratio Lower Upper
43 100
74 22.4 21.9 32.9



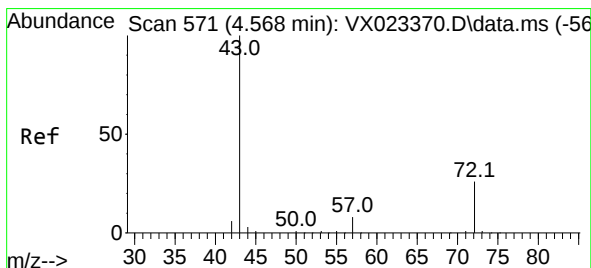
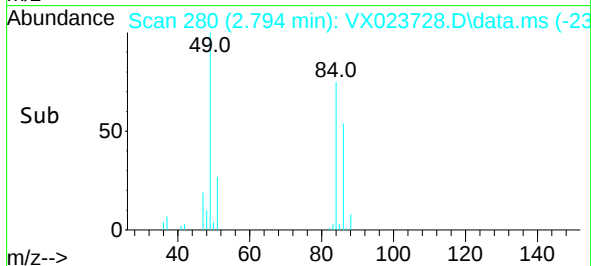
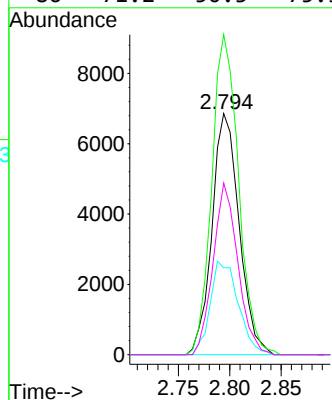


#20
Methylene Chloride
Concen: 7.217 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023728.D
Acq: 14 Aug 2021 07:09

Instrument :
MSVOA_X
ClientSampled :

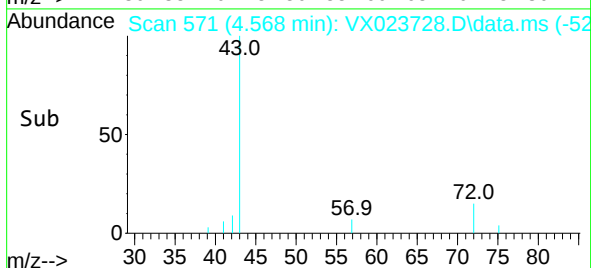
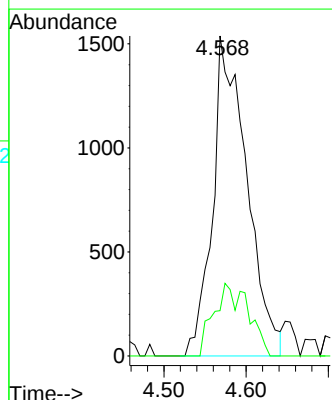
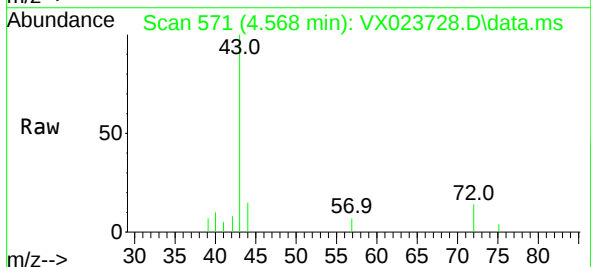


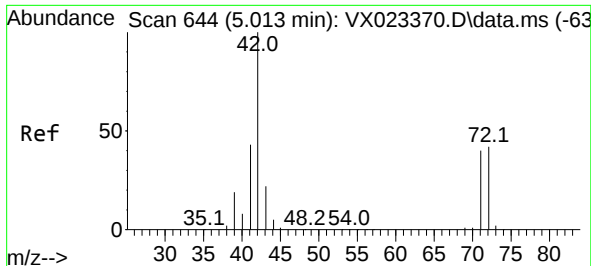
Tgt Ion:	84	Resp:	12586
Ion	Ratio	Lower	Upper
84	100		
49	132.7	88.6	132.8
51	36.1	27.0	40.6
86	71.2	50.3	75.5



#25
2-Butanone
Concen: 3.187 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX023728.D
Acq: 14 Aug 2021 07:09

Tgt Ion:	43	Resp:	4436
Ion	Ratio	Lower	Upper
43	100		
72	14.2	23.7	35.5#





#29

Tetrahydrofuran

Concen: 1.653 ug/l

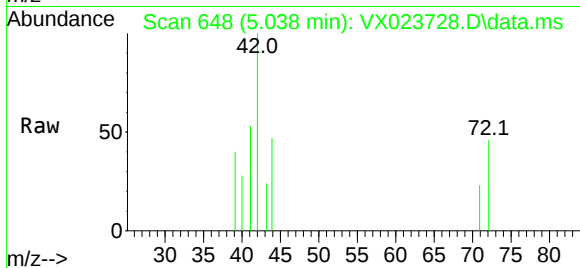
RT: 5.038 min Scan# 648

Delta R.T. 0.025 min

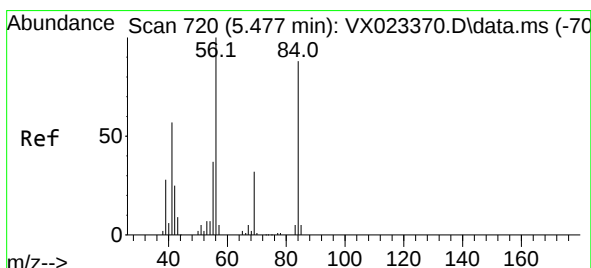
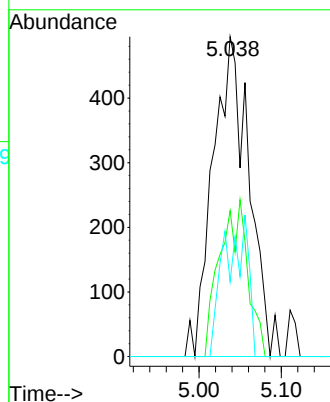
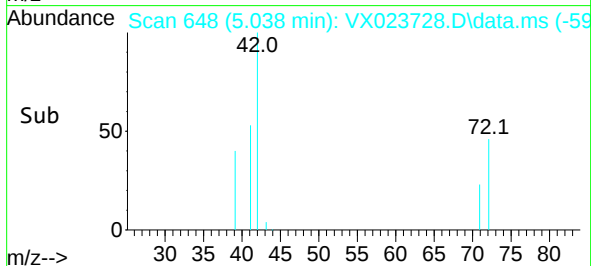
Lab File: VX023728.D

Acq: 14 Aug 2021 07:09

Instrument :
MSVOA_X
ClientSampled :



Tgt Ion:	42	Resp:	1508
Ion	Ratio	Lower	Upper
42	100		
72	38.1	41.7	62.5#
71	12.9	38.4	57.6#



#31

Cyclohexane

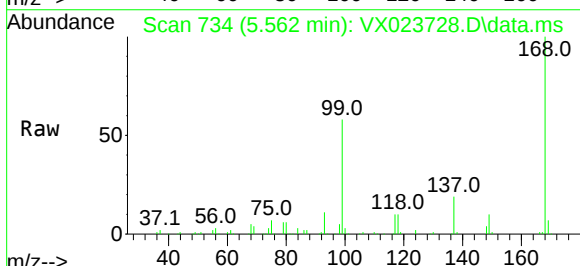
Concen: 1.309 ug/l

RT: 5.562 min Scan# 734

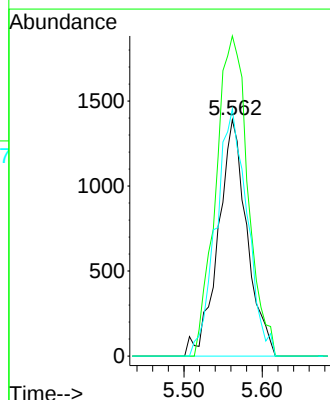
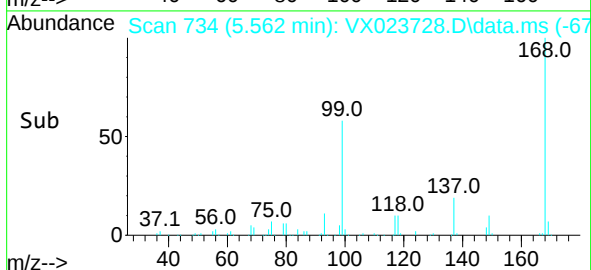
Delta R.T. 0.085 min

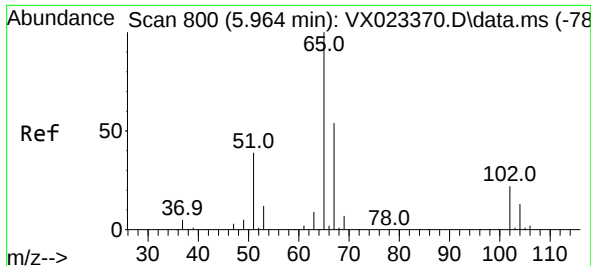
Lab File: VX023728.D

Acq: 14 Aug 2021 07:09



Tgt Ion:	56	Resp:	3544
Ion	Ratio	Lower	Upper
56	100		
69	135.5	25.3	37.9#
84	104.6	71.4	107.0

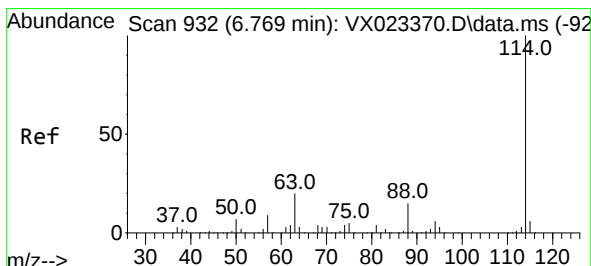
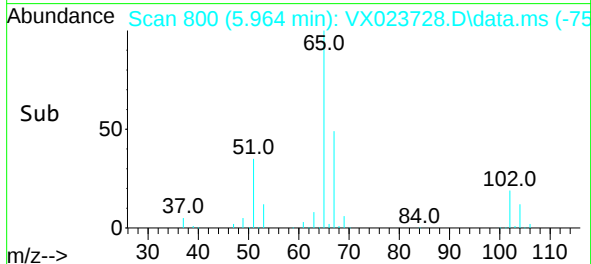
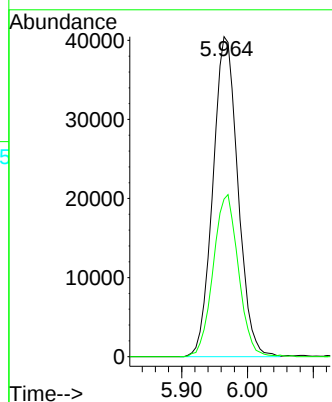
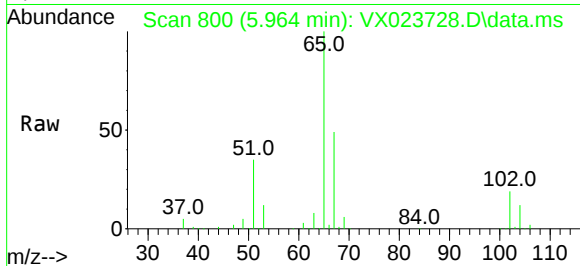




#33
 1,2-Dichloroethane-d4
 Concen: 58.639 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX023728.D
 Acq: 14 Aug 2021 07:09

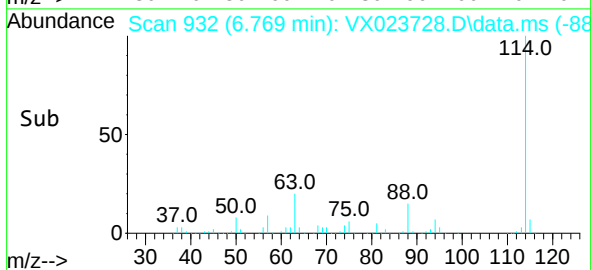
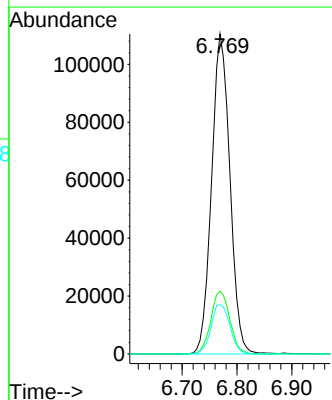
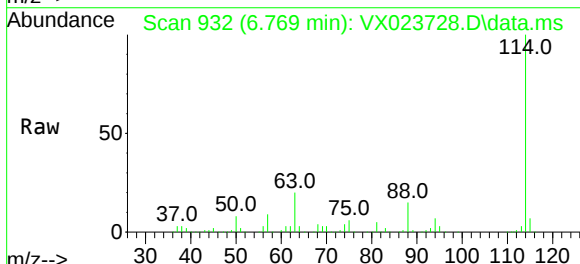
Instrument :
 MSVOA_X
 ClientSampled :

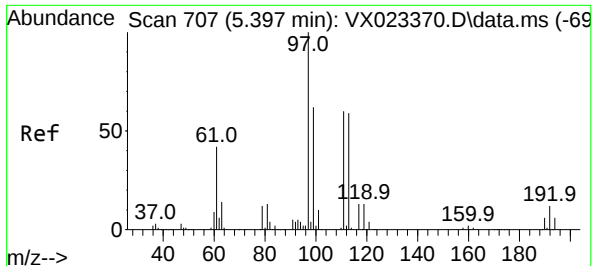
Tgt Ion: 65 Resp: 107175
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX023728.D
 Acq: 14 Aug 2021 07:09

Tgt Ion: 114 Resp: 255989
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.8
 88 15.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.391 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023728.D

Acq: 14 Aug 2021 07:09

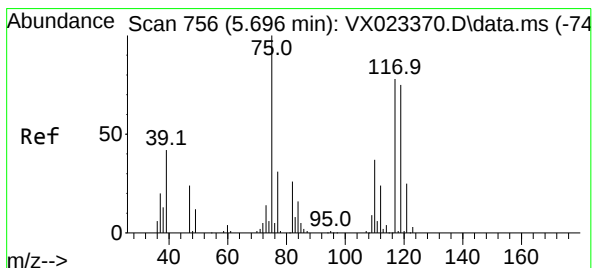
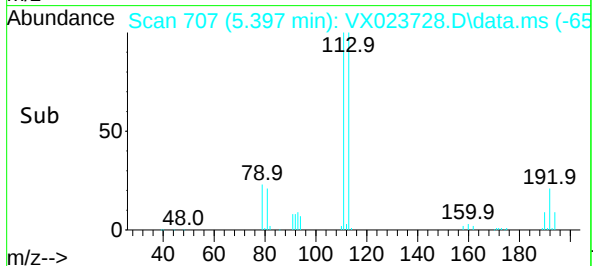
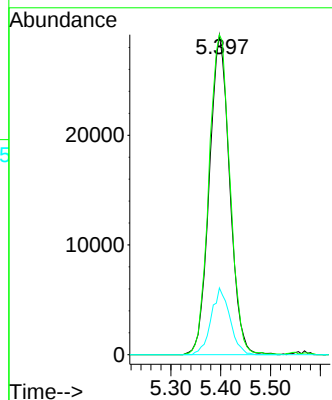
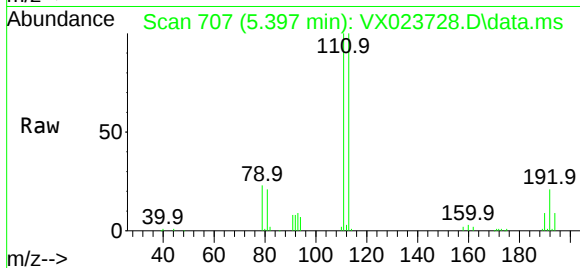
Tgt Ion:113 Resp: 82255

Ion Ratio Lower Upper

113 100

111 103.5 81.9 122.9

192 19.3 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.982 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.128 min

Lab File: VX023728.D

Acq: 14 Aug 2021 07:09

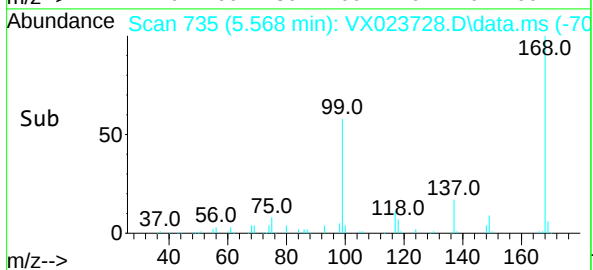
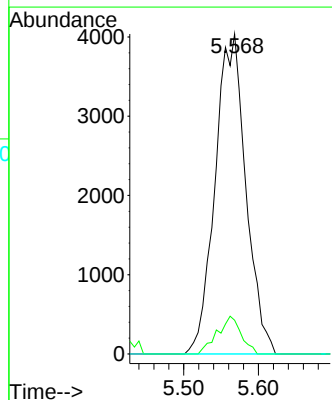
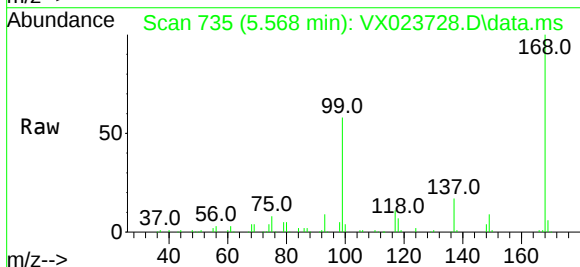
Tgt Ion: 75 Resp: 11537

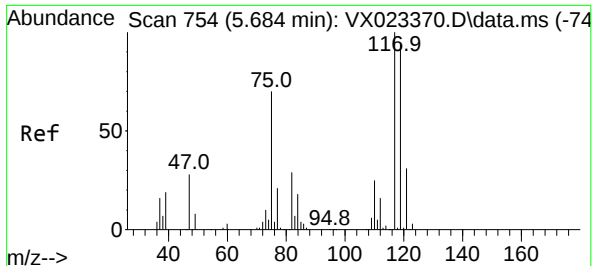
Ion Ratio Lower Upper

75 100

110 9.1 18.1 54.4#

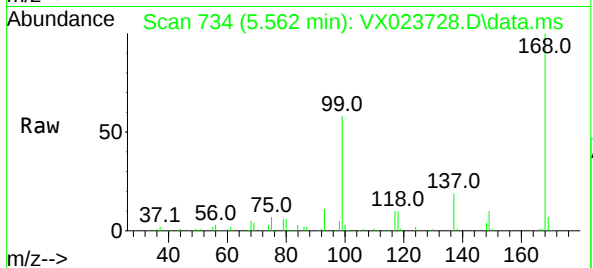
77 0.0 25.3 37.9#



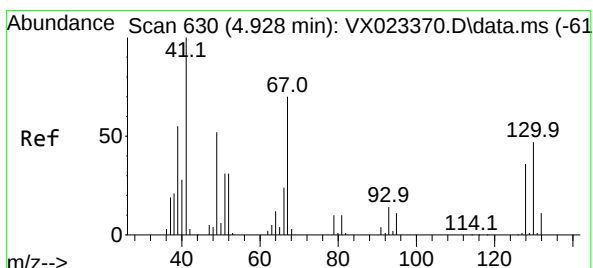
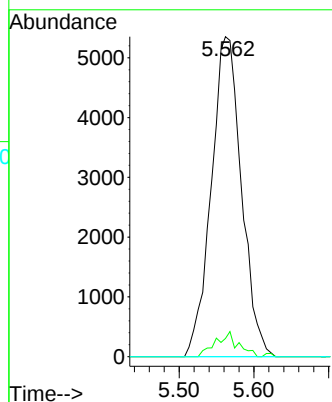
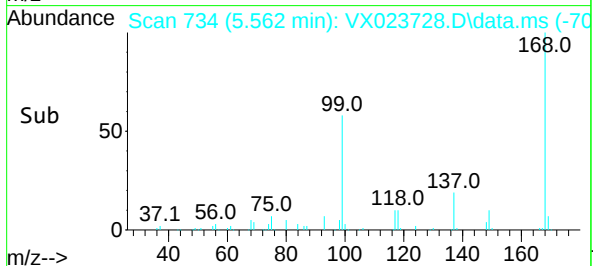


#38
Carbon Tetrachloride
Concen: 6.386 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023728.D
Acq: 14 Aug 2021 07:09

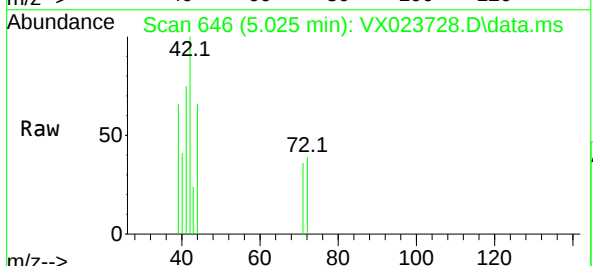
Instrument :
MSVOA_X
ClientSampled :



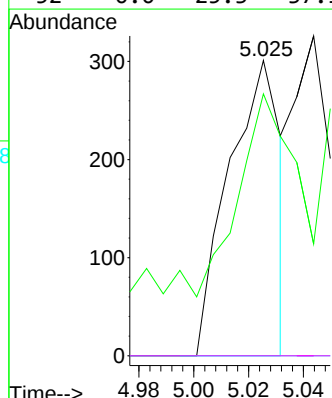
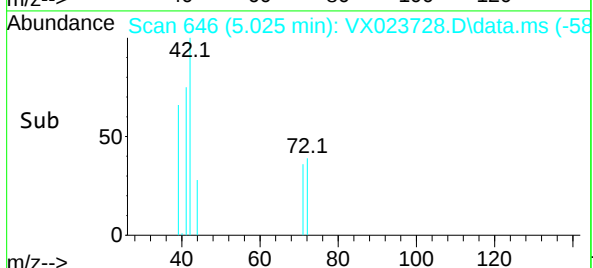
Tgt Ion: 117 Resp: 15040
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#

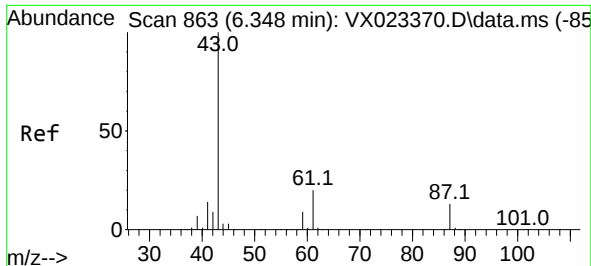


#41
Methacrylonitrile
Concen: 0.256 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.097 min
Lab File: VX023728.D
Acq: 14 Aug 2021 07:09



Tgt Ion: 41 Resp: 395
Ion Ratio Lower Upper
41 100
39 113.9 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

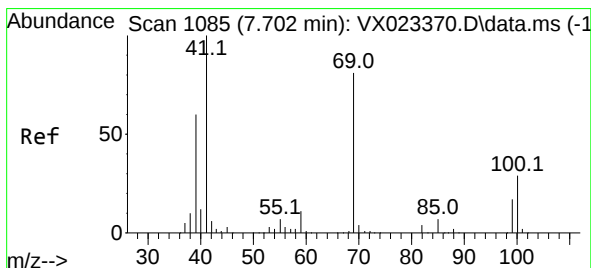
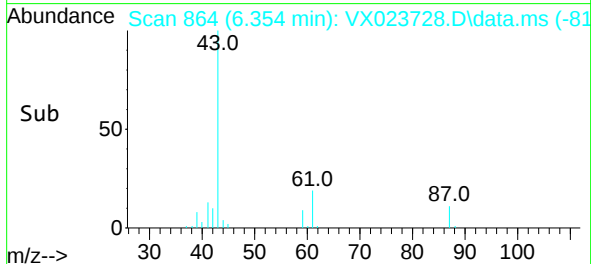
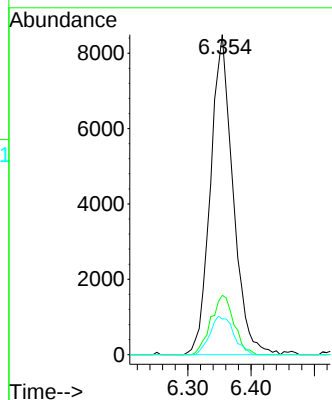
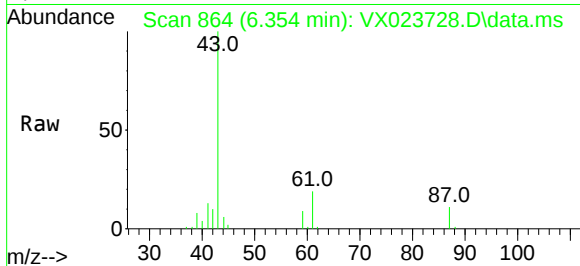




#43
Isopropyl Acetate
Concen: 4.639 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX023728.D
Acq: 14 Aug 2021 07:09

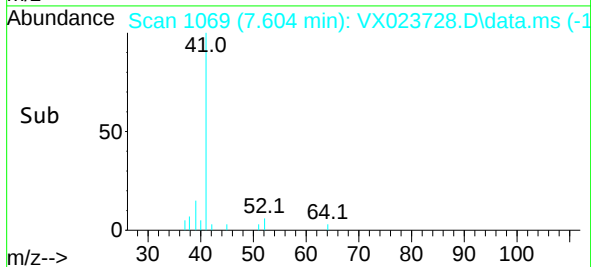
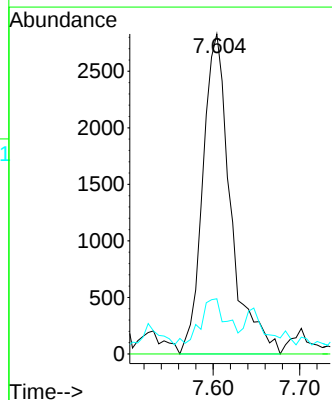
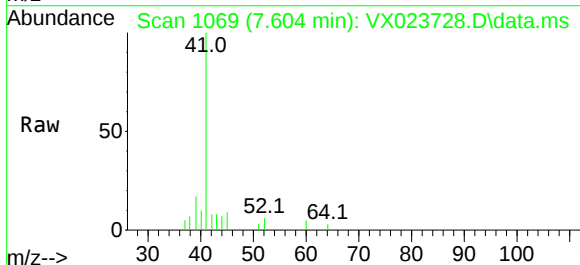
Instrument :
MSVOA_X
ClientSampled :

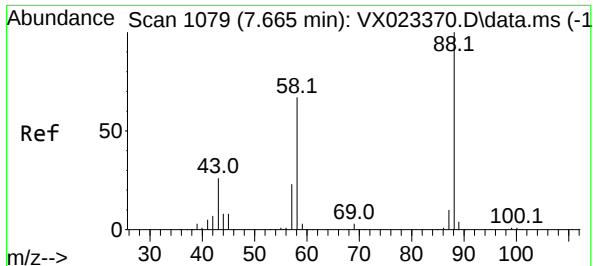
Tgt Ion:	43	Resp:	20990
Ion	Ratio	Lower	Upper
43	100		
61	19.0	18.2	27.4
87	12.6	12.5	18.7



#48
Methyl methacrylate
Concen: 3.013 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.098 min
Lab File: VX023728.D
Acq: 14 Aug 2021 07:09

Tgt Ion:	41	Resp:	6314
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: 3.339 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.128 min

Lab File: VX023728.D

Acq: 14 Aug 2021 07:09

Tgt Ion: 88 Resp: 149

Ion Ratio Lower Upper

88 100

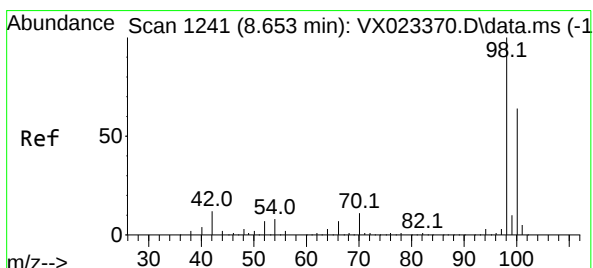
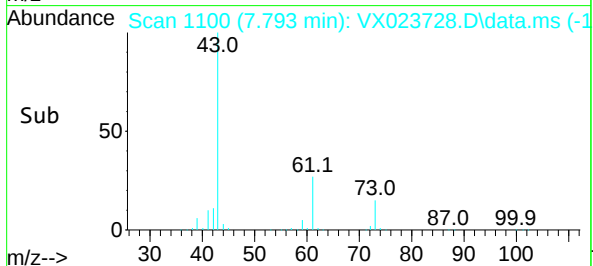
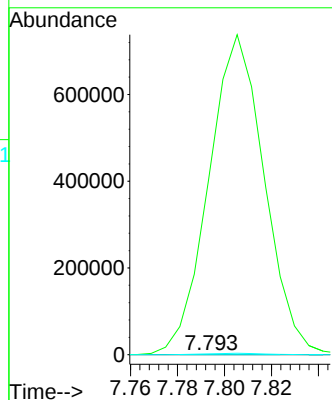
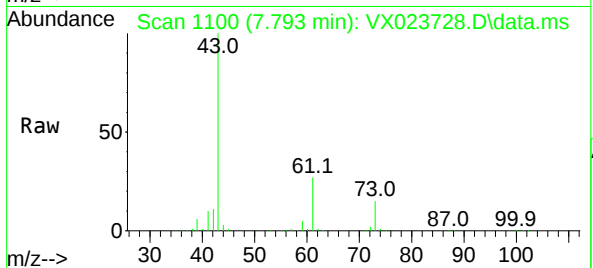
43 819024.2 23.2 34.8#

58 3743.6 55.0 82.4#

Instrument :

MSVOA_X

ClientSampled :



#50

Toluene-d8

Concen: 54.907 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023728.D

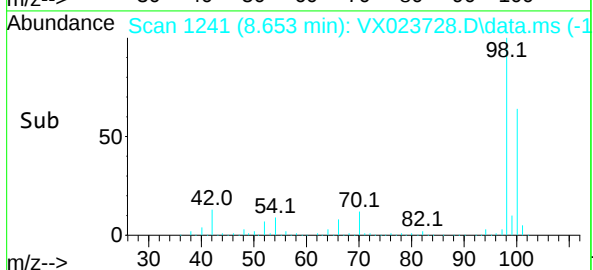
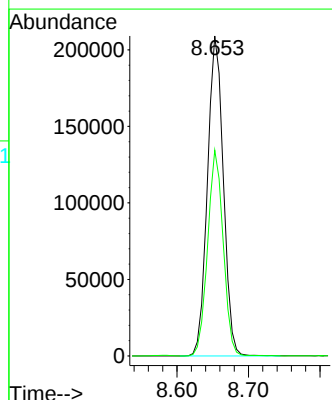
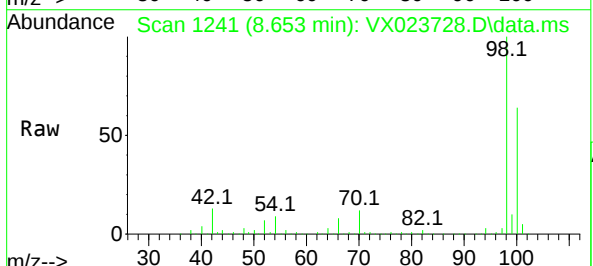
Acq: 14 Aug 2021 07:09

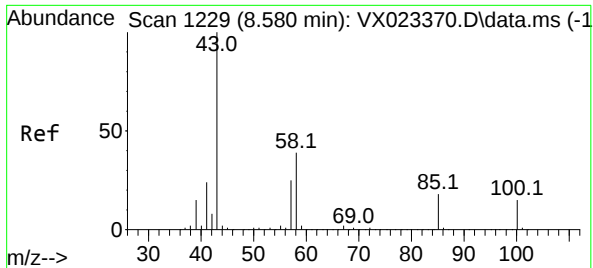
Tgt Ion: 98 Resp: 322882

Ion Ratio Lower Upper

98 100

100 63.0 51.9 77.9

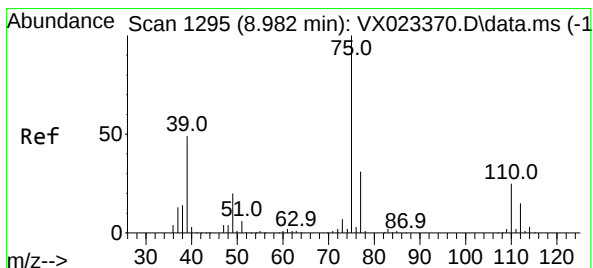
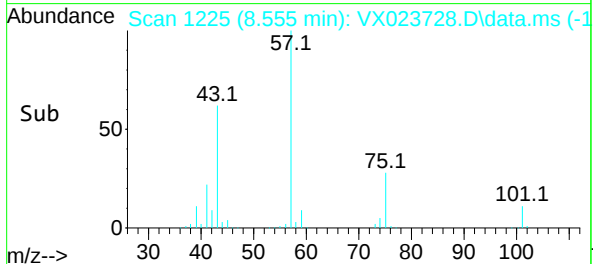
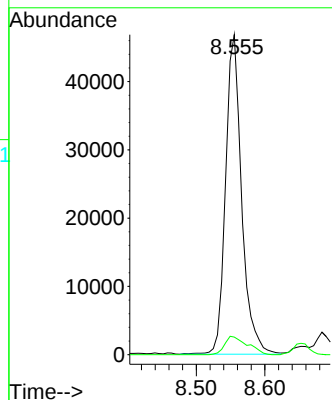
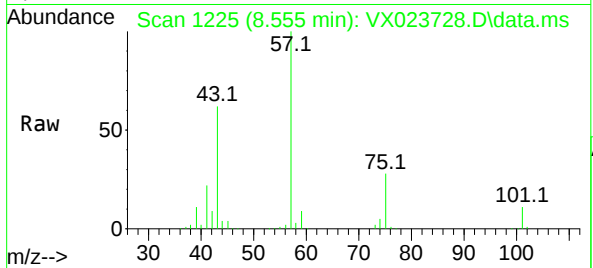




#51
4-Methyl-2-Pentanone
Concen: 27.520 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023728.D
Acq: 14 Aug 2021 07:09

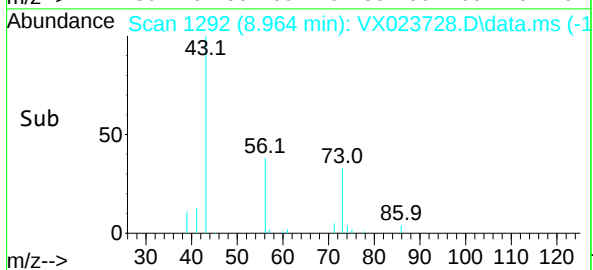
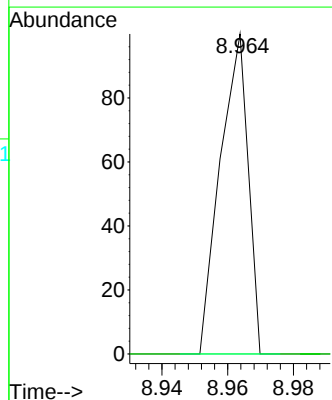
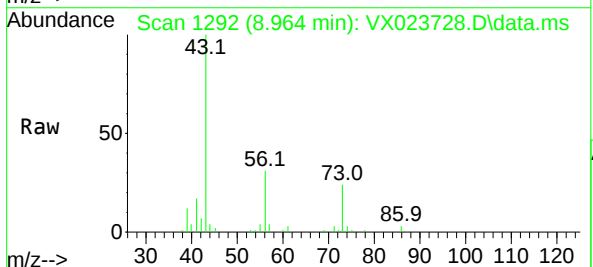
Instrument :
MSVOA_X
ClientSampled :

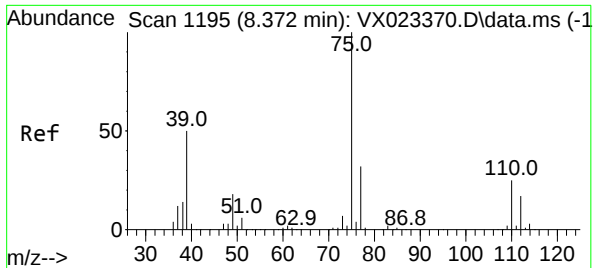
Tgt Ion: 43 Resp: 76154
Ion Ratio Lower Upper
43 100
58 8.2 35.4 53.0#



#53
t-1,3-Dichloropropene
Concen: 1.837 ug/l
RT: 8.964 min Scan# 1292
Delta R.T. -0.018 min
Lab File: VX023728.D
Acq: 14 Aug 2021 07:09

Tgt Ion: 75 Resp: 59
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



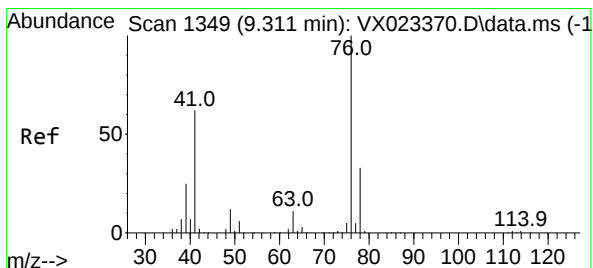
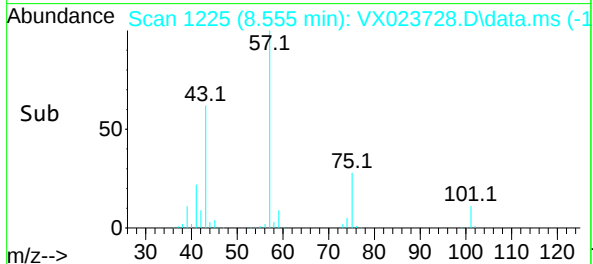
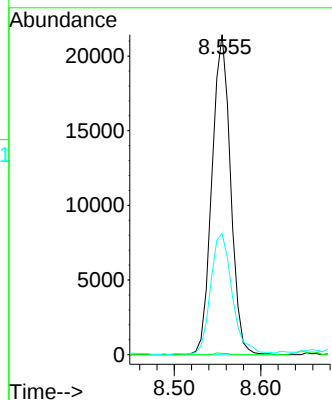
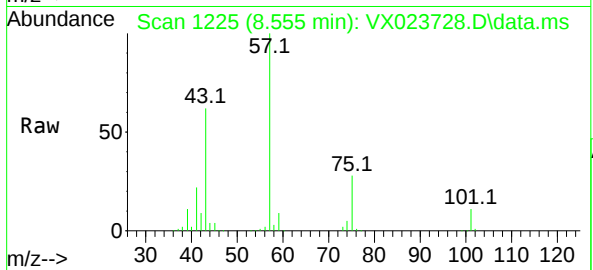


#54

cis-1,3-Dichloropropene
Concen: 11.520 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX023728.D
Acq: 14 Aug 2021 07:09

Instrument :
MSVOA_X
ClientSampled :

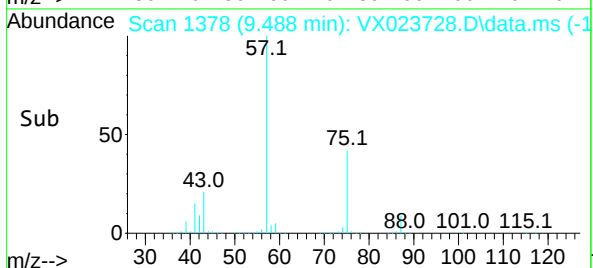
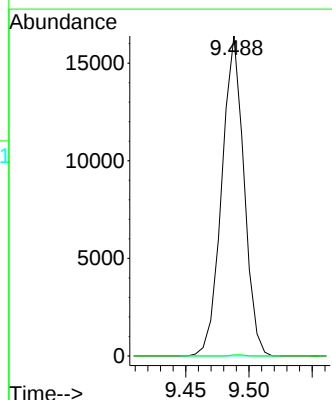
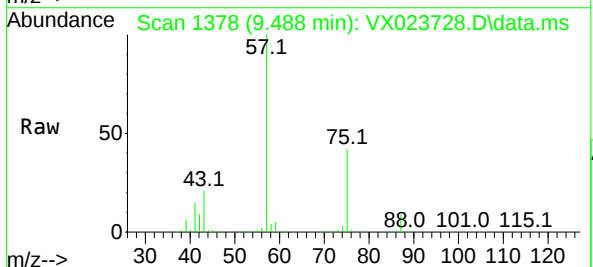
Tgt Ion: 75 Resp: 31884
Ion Ratio Lower Upper
75 100
77 0.4 25.7 38.5#
39 37.4 35.1 52.7

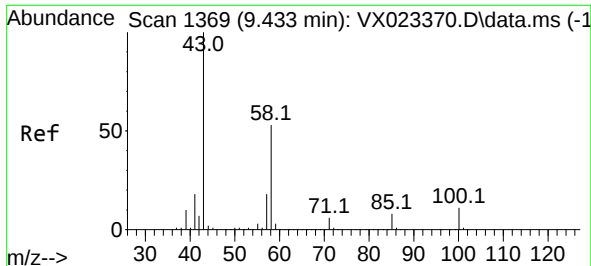


#57

1,3-Dichloropropane
Concen: 6.816 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX023728.D
Acq: 14 Aug 2021 07:09

Tgt Ion: 76 Resp: 19949
Ion Ratio Lower Upper
76 100
78 0.2 26.2 39.2#

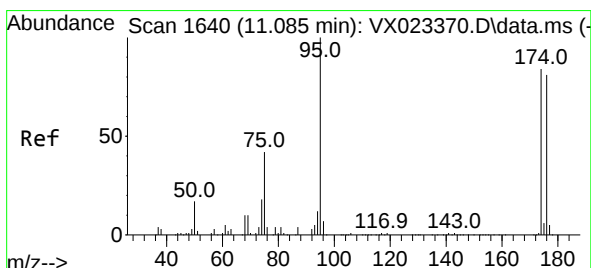
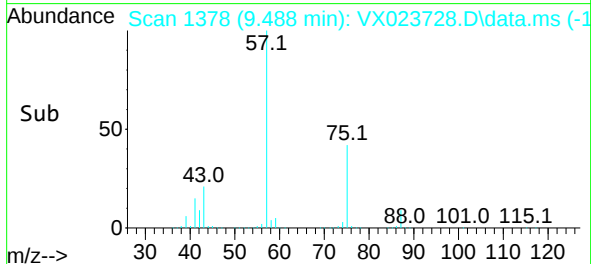
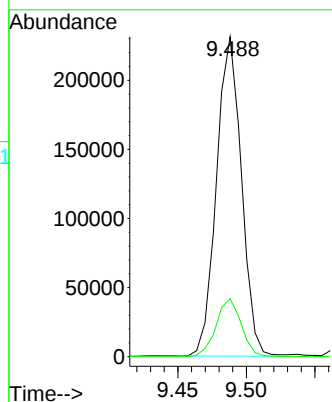
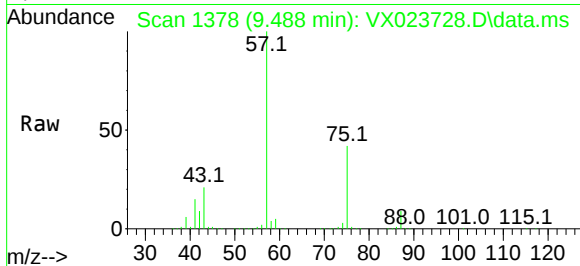




#59
2-Hexanone
Concen: 139.049 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX023728.D
Acq: 14 Aug 2021 07:09

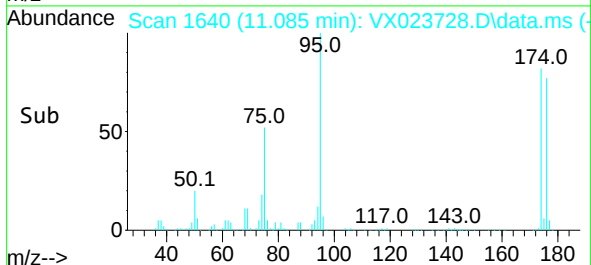
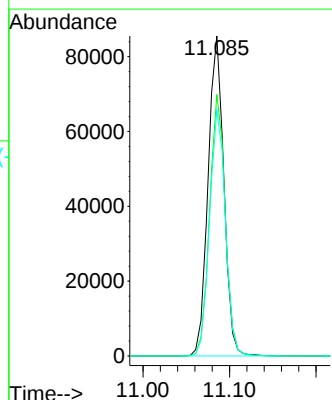
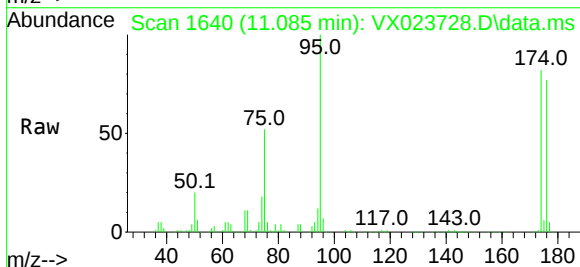
Instrument :
MSVOA_X
ClientSampled :

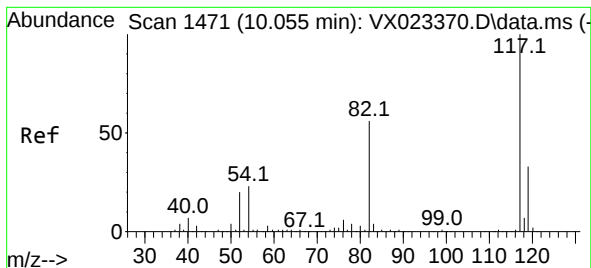
Tgt Ion: 43 Resp: 292198
Ion Ratio Lower Upper
43 100
58 18.3 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 54.043 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023728.D
Acq: 14 Aug 2021 07:09

Tgt Ion: 95 Resp: 108065
Ion Ratio Lower Upper
95 100
174 81.3 0.0 154.6
176 76.9 0.0 155.8

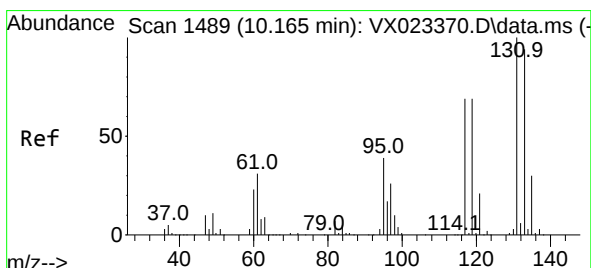
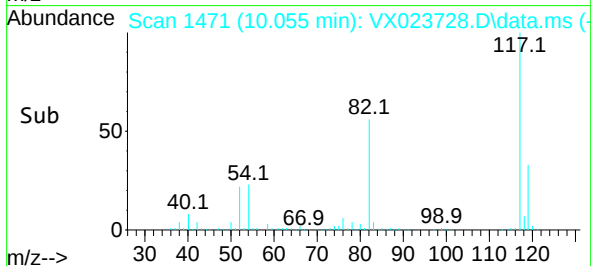
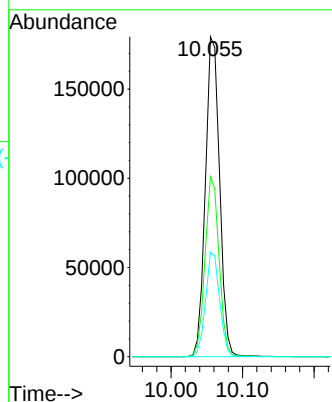
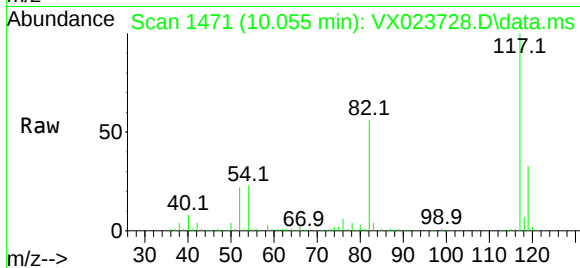




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023728.D
Acq: 14 Aug 2021 07:09

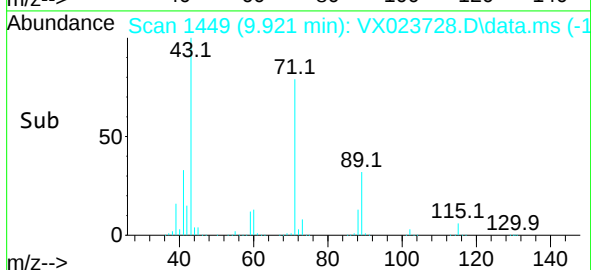
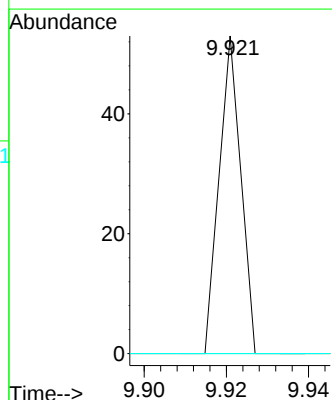
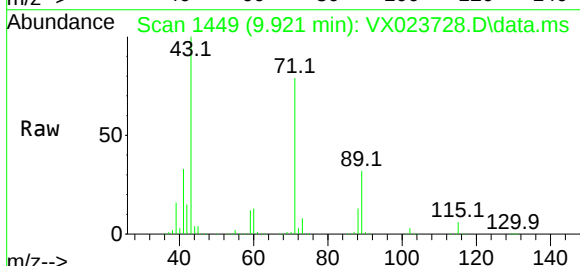
Instrument :
MSVOA_X
ClientSampled :

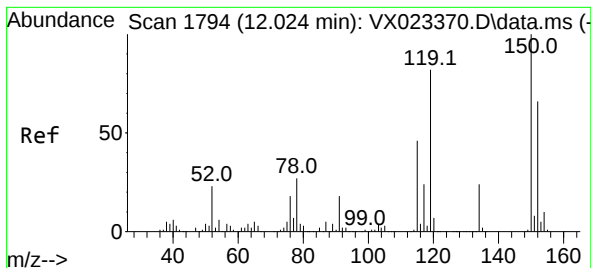
Tgt Ion:117 Resp: 248526
Ion Ratio Lower Upper
117 100
82 56.2 47.4 71.2
119 32.6 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 0.984 ug/l
RT: 9.921 min Scan# 1449
Delta R.T. -0.244 min
Lab File: VX023728.D
Acq: 14 Aug 2021 07:09

Tgt Ion:131 Resp: 19
Ion Ratio Lower Upper
131 100
133 0.0 47.7 143.1#
119 0.0 32.1 96.5#

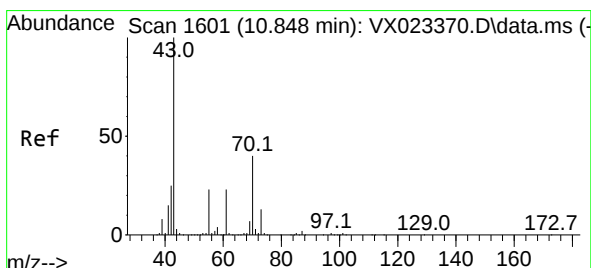
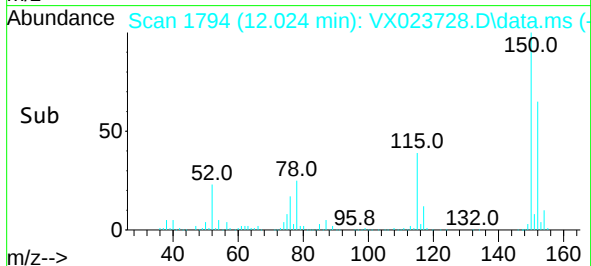
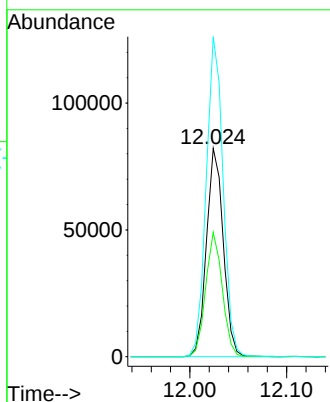
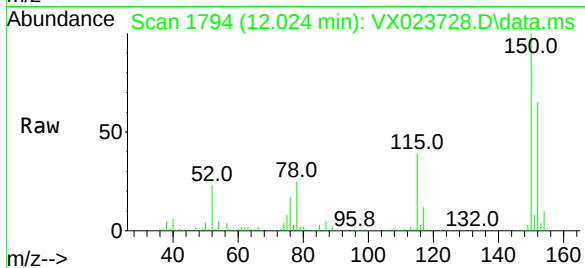




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023728.D
Acq: 14 Aug 2021 07:09

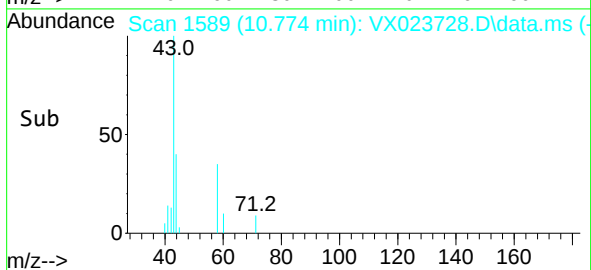
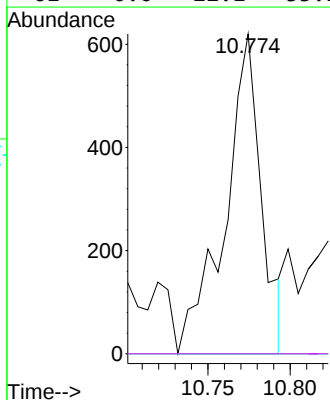
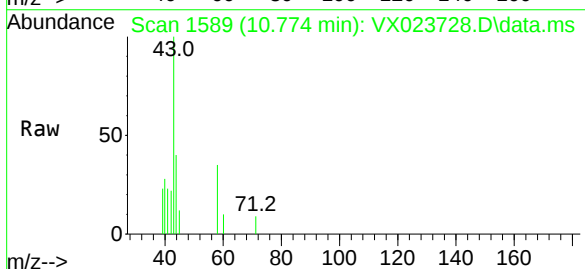
Instrument :
MSVOA_X
ClientSampled :

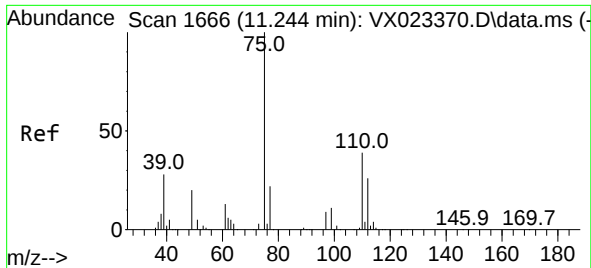
Tgt Ion:152 Resp: 99419
Ion Ratio Lower Upper
152 100
115 59.2 41.1 123.3
150 154.0 0.0 349.0



#74
N-ethyl acetate
Concen: 0.277 ug/l
RT: 10.774 min Scan# 1589
Delta R.T. -0.074 min
Lab File: VX023728.D
Acq: 14 Aug 2021 07:09

Tgt Ion: 43 Resp: 947
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#

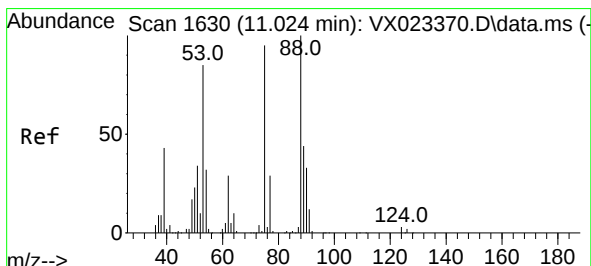
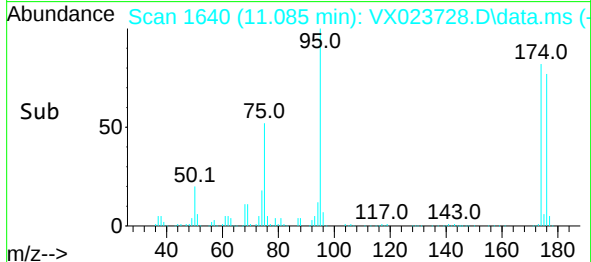
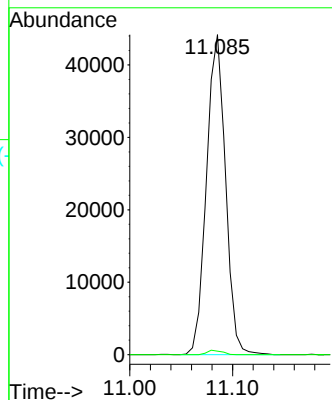
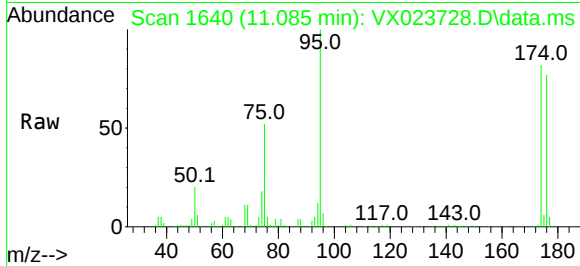




#76
1,2,3-Trichloropropane
Concen: 25.982 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023728.D
Acq: 14 Aug 2021 07:09

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 56842
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.861 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023728.D
Acq: 14 Aug 2021 07:09

Tgt Ion: 75 Resp: 56842
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

