

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081321\
 Data File : VX023725.D
 Acq On : 14 Aug 2021 05:58
 Operator : JC/MD
 Sample : M3397-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 14 06:56:34 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

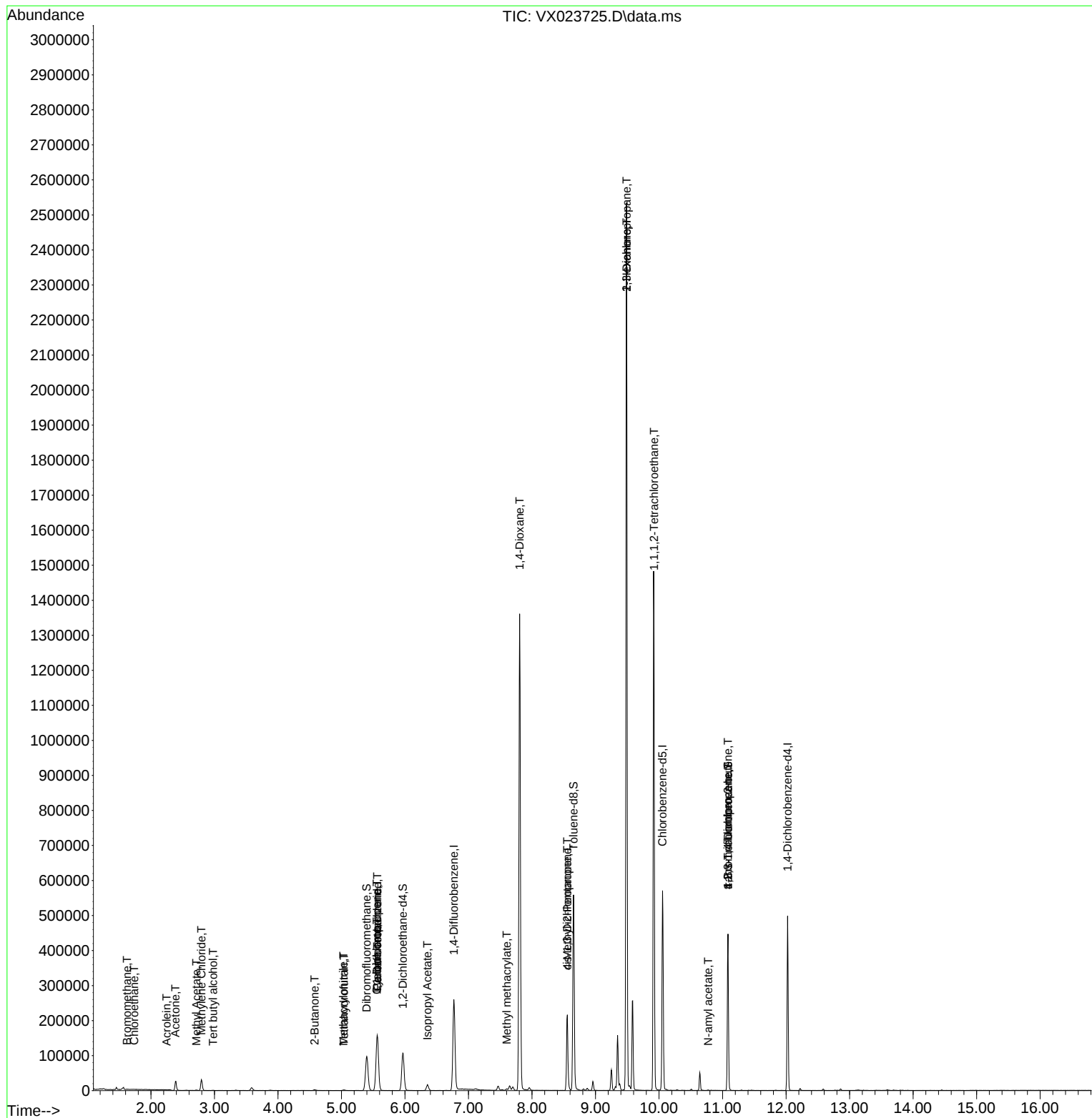
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	147345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	254695	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105652	57.482	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 114.960%	
35) Dibromofluoromethane	5.397	113	82461	51.782	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.560%	
50) Toluene-d8	8.653	98	320493	54.778	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 109.560%	
62) 4-Bromofluorobenzene	11.085	95	107970	54.270	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.540%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	359	0.378	ug/l #	65
6) Chloroethane	1.733	64	477	0.486	ug/l #	43
11) Tert butyl alcohol	2.977	59	668	1.591	ug/l #	73
13) Acrolein	2.245	56	22	1.466	ug/l #	1
16) Acetone	2.386	43	28397	31.496	ug/l #	88
18) Methyl Acetate	2.715	43	1888	0.881	ug/l #	74
20) Methylene Chloride	2.794	84	13200	7.527	ug/l	91
25) 2-Butanone	4.574	43	4335	3.097	ug/l	98
29) Tetrahydrofuran	5.038	42	1478	1.611	ug/l #	77
31) Cyclohexane	5.556	56	3453	1.268	ug/l #	34
36) 1,1-Dichloropropene	5.556	75	11866	5.150	ug/l #	49
38) Carbon Tetrachloride	5.562	117	15372	6.561	ug/l #	16
41) Methacrylonitrile	5.032	41	1158	0.755	ug/l #	40
43) Isopropyl Acetate	6.354	43	21671	4.814	ug/l #	90
48) Methyl methacrylate	7.604	41	5689	2.729	ug/l #	10
49) 1,4-Dioxane	7.805	88	128	2.883	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	76497	27.784	ug/l #	45
54) cis-1,3-Dichloropropene	8.555	75	32207	11.695	ug/l #	73
57) 1,3-Dichloropropane	9.488	76	20236	6.949	ug/l #	42
59) 2-Hexanone	9.488	43	299879	143.429	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	9.921	131	58	1.004	ug/l #	8
74) N-amyl acetate	10.774	43	1014	0.308	ug/l #	43
76) 1,2,3-Trichloropropane	11.085	75	57217	27.191	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	57217	73.114	ug/l #	12

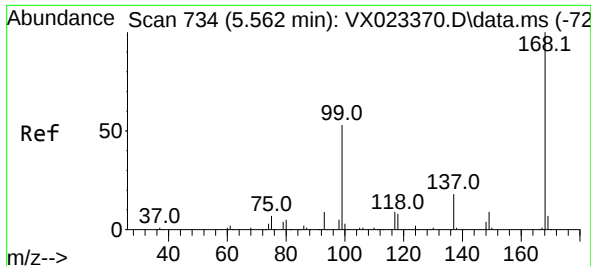
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081321\
Data File : VX023725.D
Acq On : 14 Aug 2021 05:58
Operator : JC/MD
Sample : M3397-22
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Aug 14 06:56:34 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

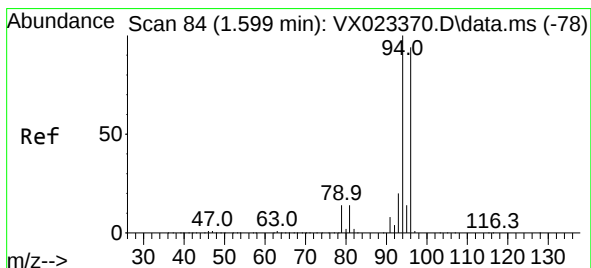
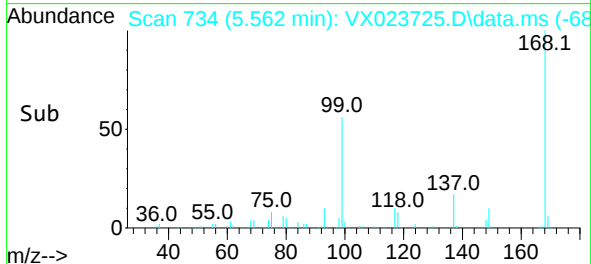
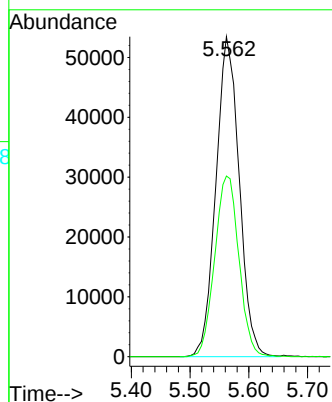
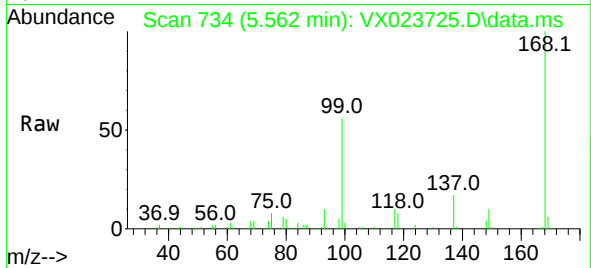




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023725.D
Acq: 14 Aug 2021 05:58

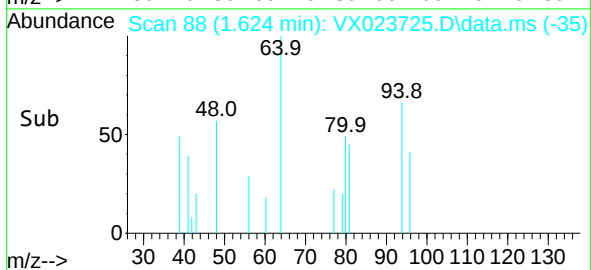
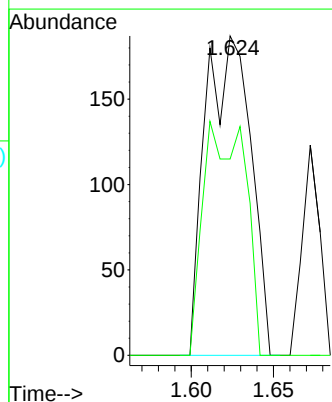
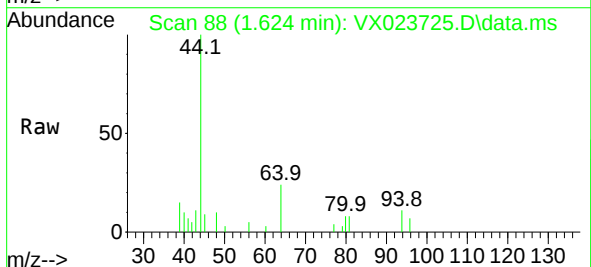
Instrument :
MSVOA_X
ClientSampled :

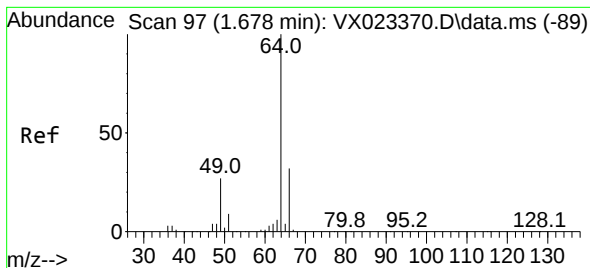
Tgt Ion:168 Resp: 147345
Ion Ratio Lower Upper
168 100
99 56.4 45.8 68.6



#5
Bromomethane
Concen: 0.378 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX023725.D
Acq: 14 Aug 2021 05:58

Tgt Ion: 94 Resp: 359
Ion Ratio Lower Upper
94 100
96 61.5 76.4 114.6#

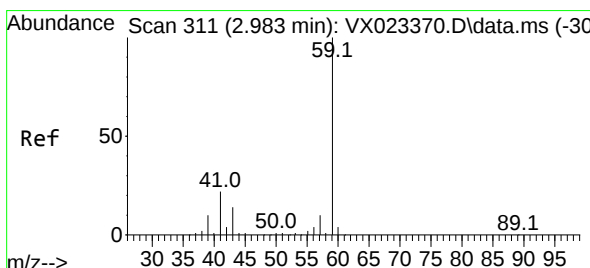
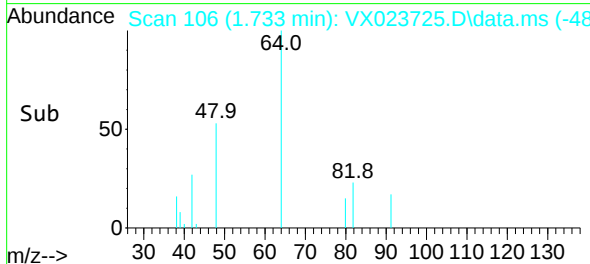
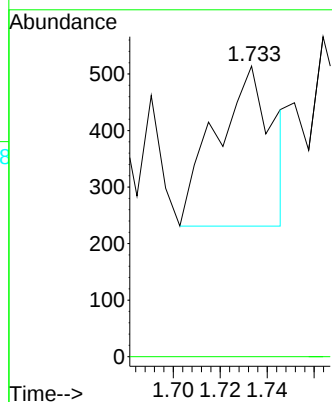
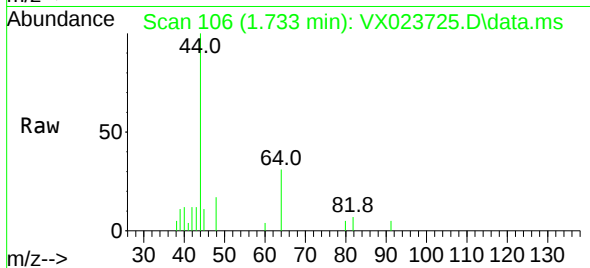




#6
Chloroethane
Concen: 0.486 ug/l
RT: 1.733 min Scan# 106
Delta R.T. 0.055 min
Lab File: VX023725.D
Acq: 14 Aug 2021 05:58

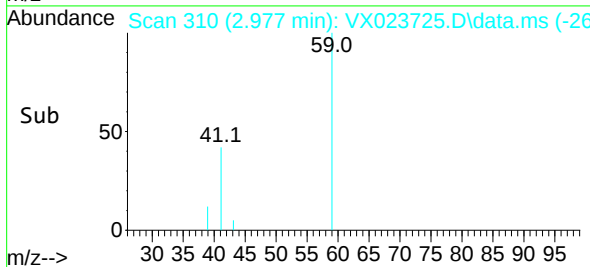
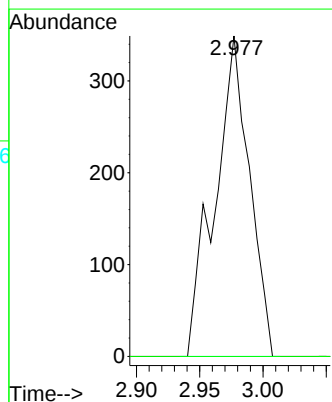
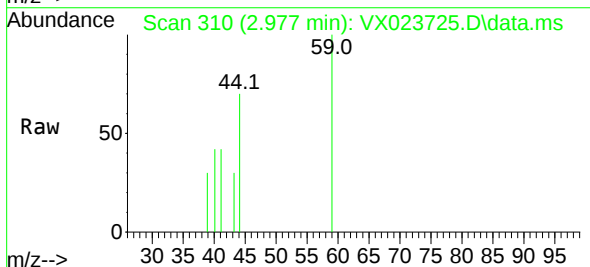
Instrument :
MSVOA_X
ClientSampled :

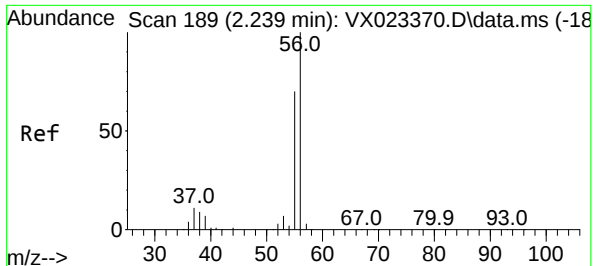
Tgt Ion: 64 Resp: 477
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 1.591 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX023725.D
Acq: 14 Aug 2021 05:58

Tgt Ion: 59 Resp: 668
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

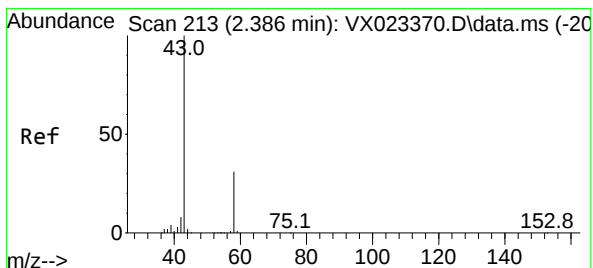
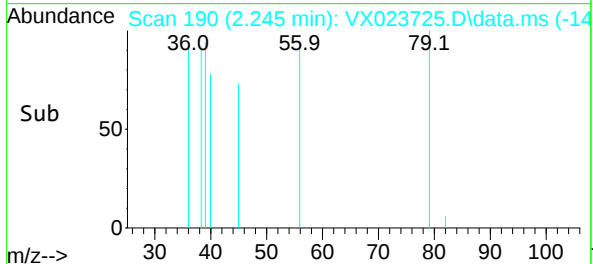
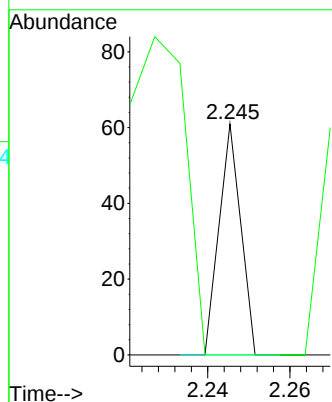
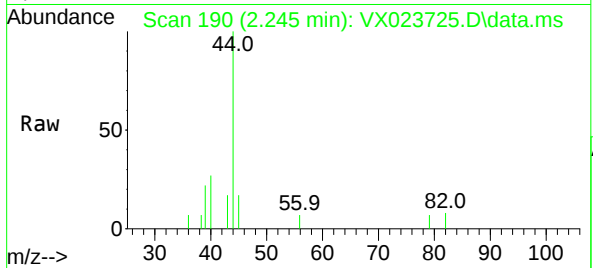




#13
Acrolein
Concen: 1.466 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX023725.D
Acq: 14 Aug 2021 05:58

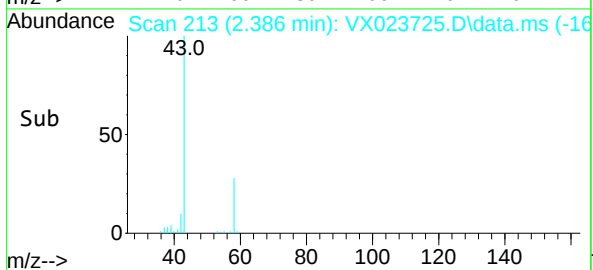
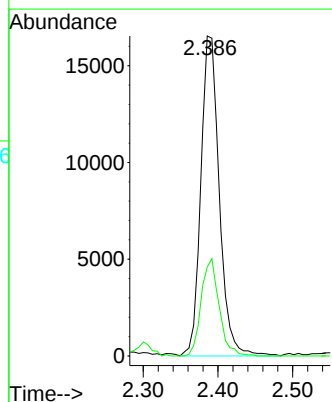
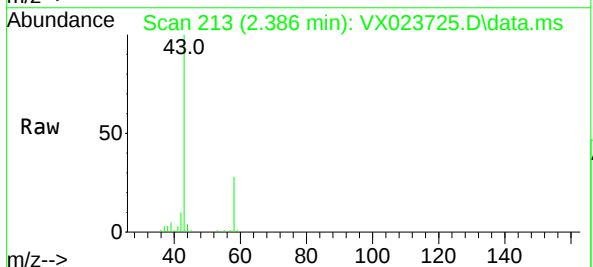
Instrument :
MSVOA_X
ClientSampled :

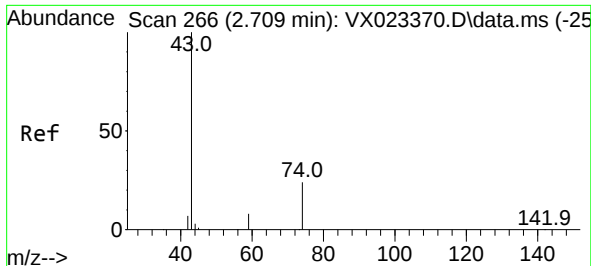
Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 377.3 56.4 84.6#



#16
Acetone
Concen: 31.496 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023725.D
Acq: 14 Aug 2021 05:58

Tgt Ion: 43 Resp: 28397
Ion Ratio Lower Upper
43 100
58 27.8 27.8 41.8#

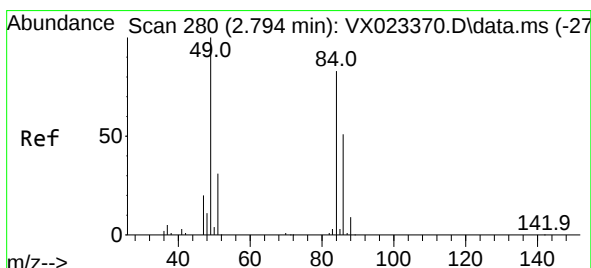
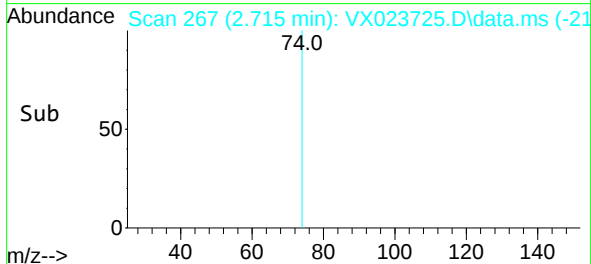
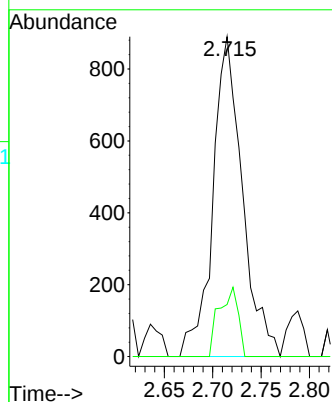
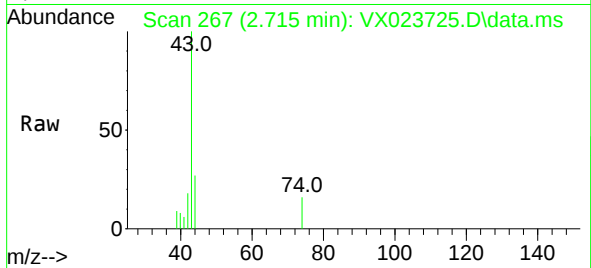




#18
Methyl Acetate
Concen: 0.881 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX023725.D
Acq: 14 Aug 2021 05:58

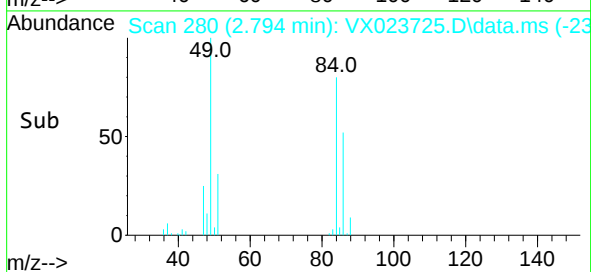
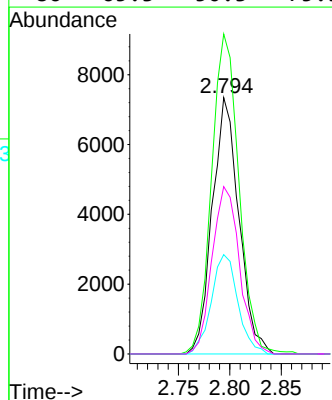
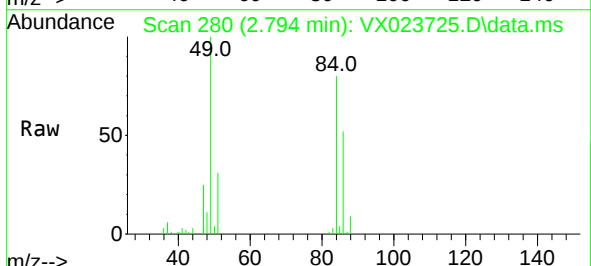
Instrument :
MSVOA_X
ClientSampled :

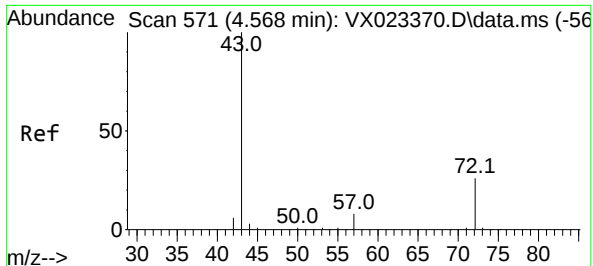
Tgt Ion: 43 Resp: 1888
Ion Ratio Lower Upper
43 100
74 14.0 21.9 32.9#



#20
Methylene Chloride
Concen: 7.527 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023725.D
Acq: 14 Aug 2021 05:58

Tgt Ion: 84 Resp: 13200
Ion Ratio Lower Upper
84 100
49 124.9 88.6 132.8
51 38.8 27.0 40.6
86 65.3 50.3 75.5

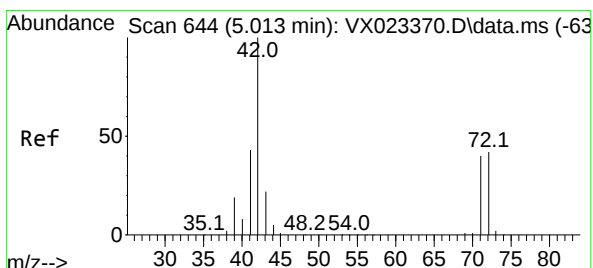
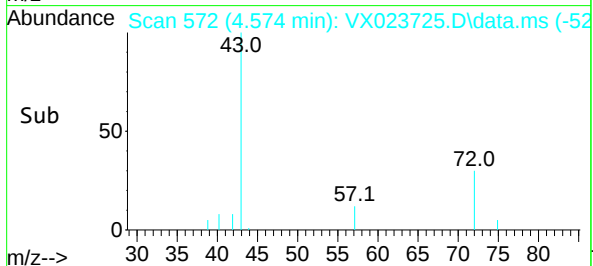
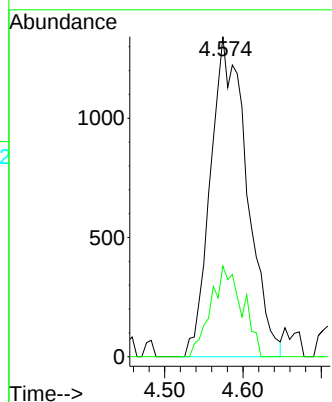
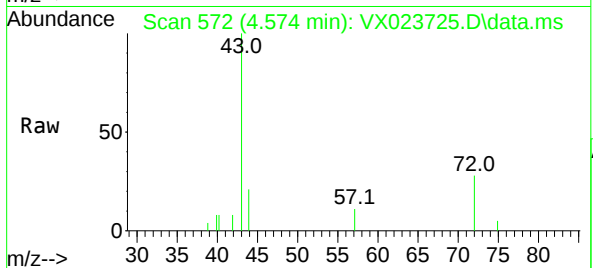




#25
2-Butanone
Concen: 3.097 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023725.D
Acq: 14 Aug 2021 05:58

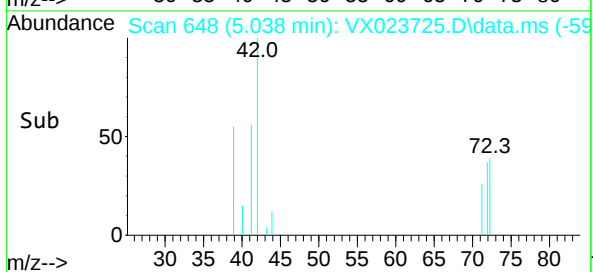
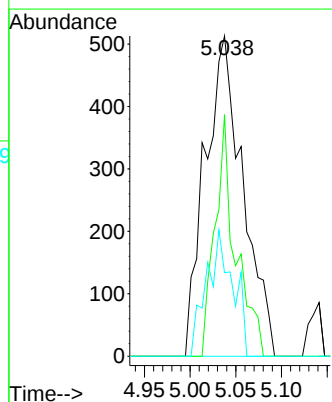
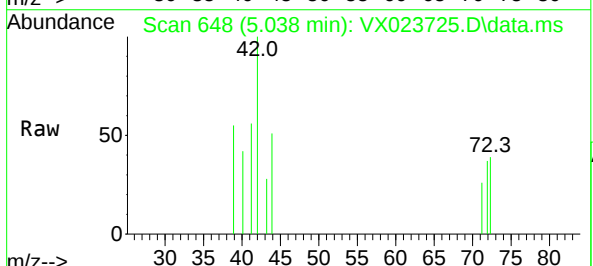
Instrument :
MSVOA_X
ClientSampled :

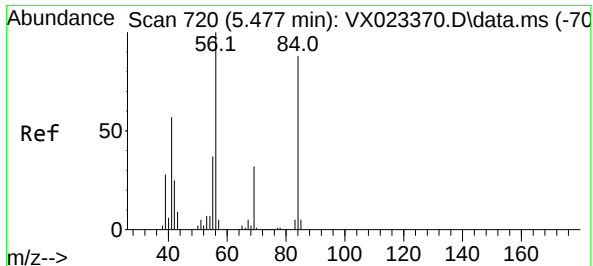
Tgt Ion: 43 Resp: 4335
Ion Ratio Lower Upper
43 100
72 28.3 23.7 35.5



#29
Tetrahydrofuran
Concen: 1.611 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.025 min
Lab File: VX023725.D
Acq: 14 Aug 2021 05:58

Tgt Ion: 42 Resp: 1478
Ion Ratio Lower Upper
42 100
72 40.9 41.7 62.5#
71 27.4 38.4 57.6#

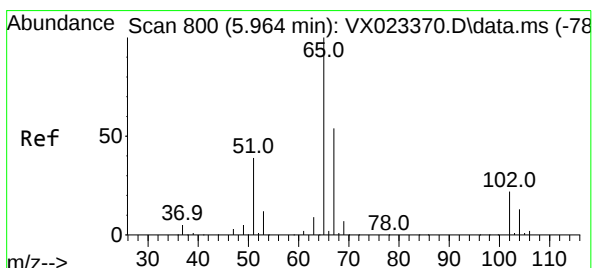
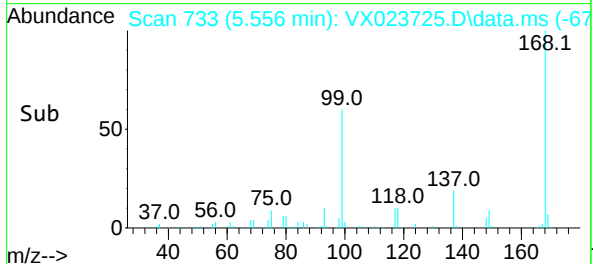
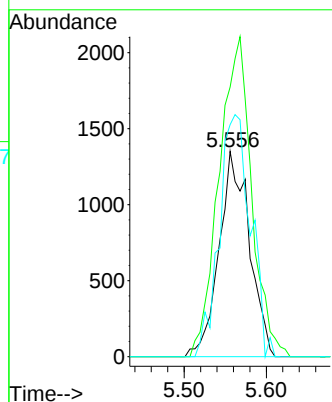
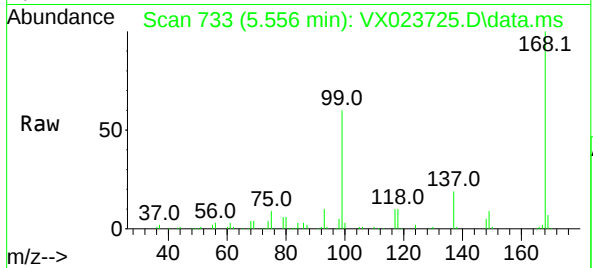




#31
Cyclohexane
Concen: 1.268 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023725.D
Acq: 14 Aug 2021 05:58

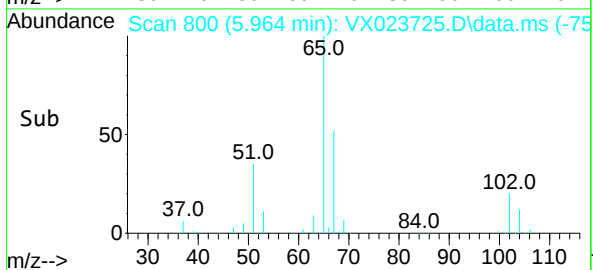
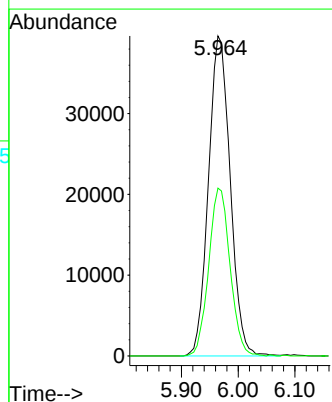
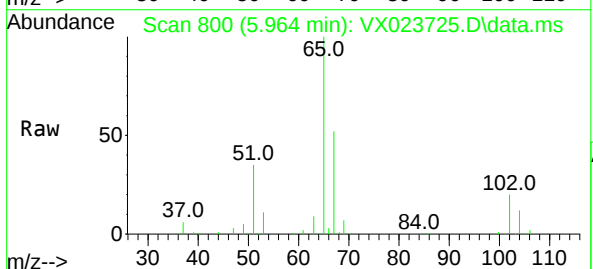
Instrument :
MSVOA_X
ClientSampleId :

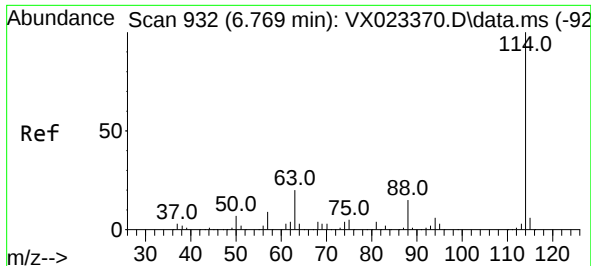
Tgt Ion: 56 Resp: 3453
Ion Ratio Lower Upper
56 100
69 131.3 25.3 37.9#
84 113.0 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 57.482 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023725.D
Acq: 14 Aug 2021 05:58

Tgt Ion: 65 Resp: 105652
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.4

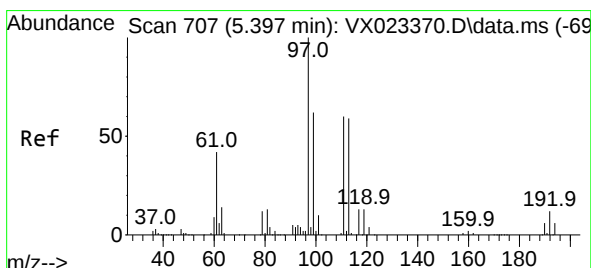
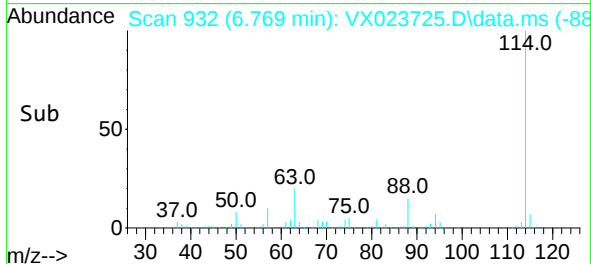
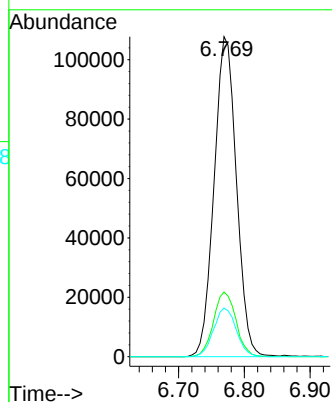
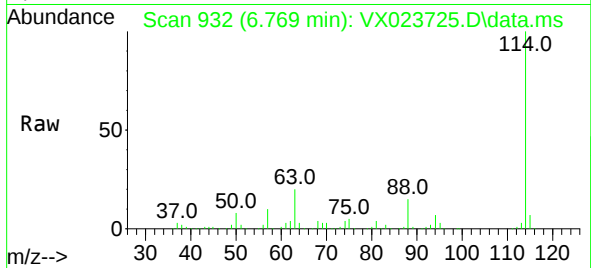




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023725.D
Acq: 14 Aug 2021 05:58

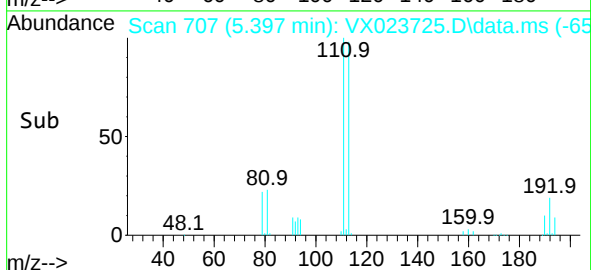
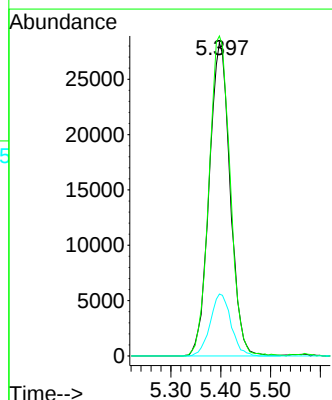
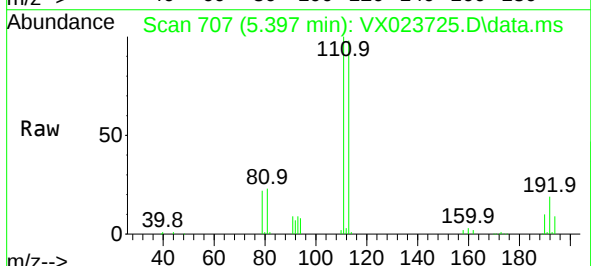
Instrument :
MSVOA_X
ClientSampleId :

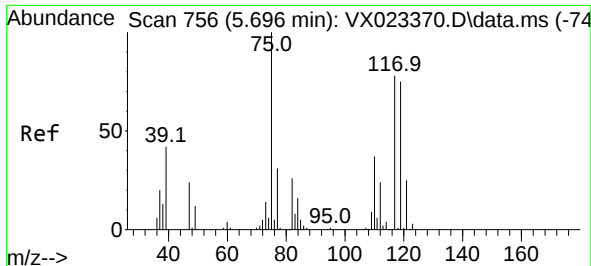
Tgt Ion:114 Resp: 254695
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 15.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.782 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023725.D
Acq: 14 Aug 2021 05:58

Tgt Ion:113 Resp: 82461
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 19.6 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.150 ug/l

RT: 5.556 min Scan# 733

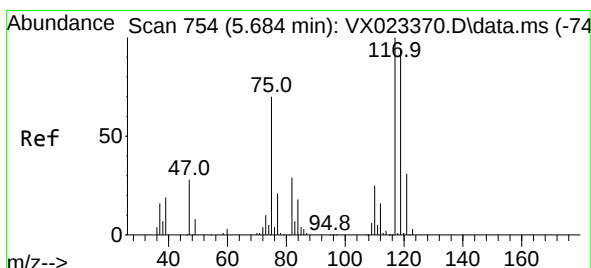
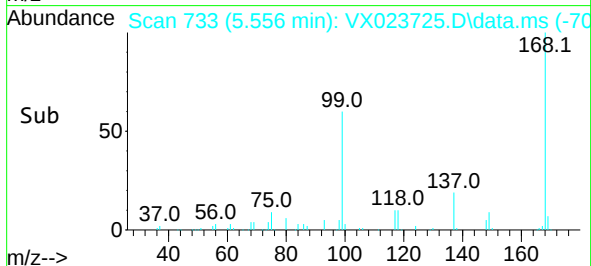
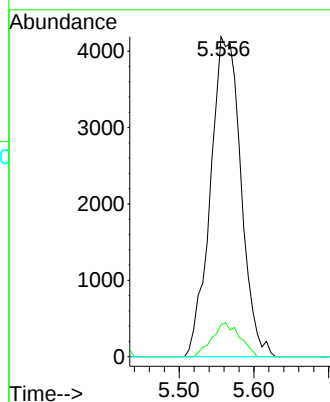
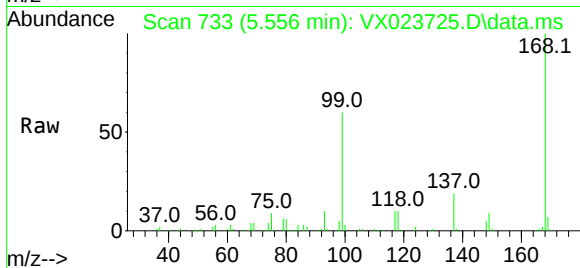
Delta R.T. -0.140 min

Lab File: VX023725.D

Acq: 14 Aug 2021 05:58

Tgt Ion: 75	Resp: 11866
Ion Ratio	Lower Upper
75 100	
110 9.7	18.1 54.4#
77 0.0	25.3 37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.561 ug/l

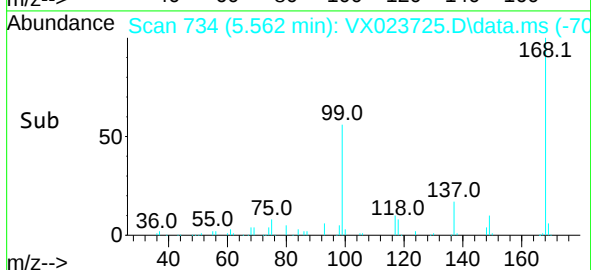
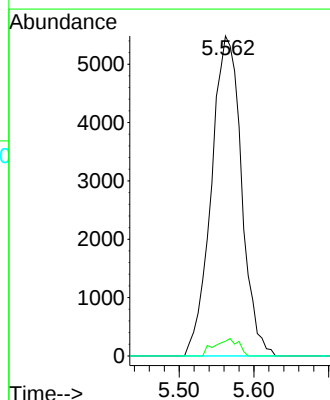
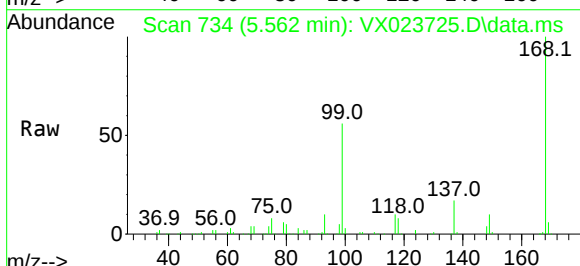
RT: 5.562 min Scan# 734

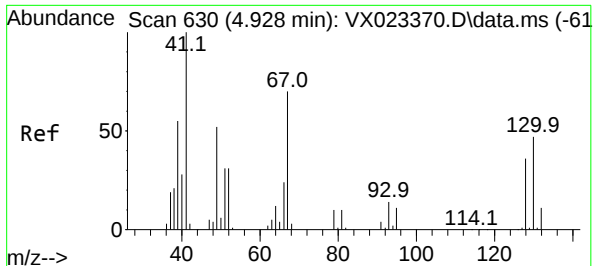
Delta R.T. -0.122 min

Lab File: VX023725.D

Acq: 14 Aug 2021 05:58

Tgt Ion: 117	Resp: 15372
Ion Ratio	Lower Upper
117 100	
119 4.6	76.2 114.2#
121 0.0	24.8 37.2#

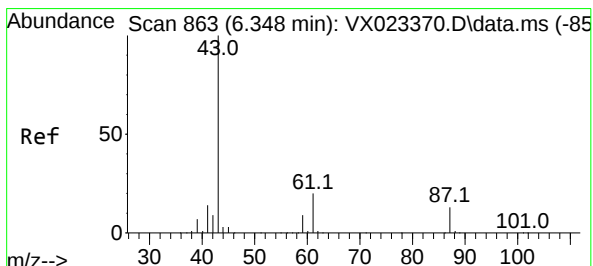
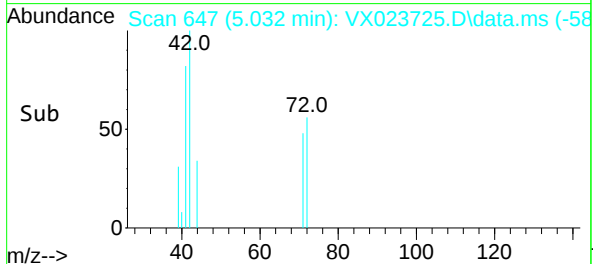
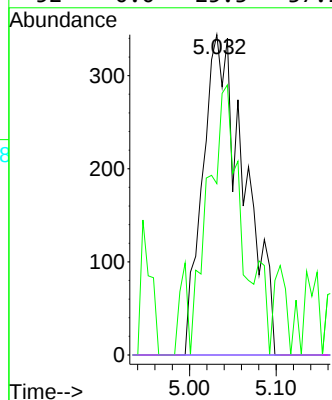
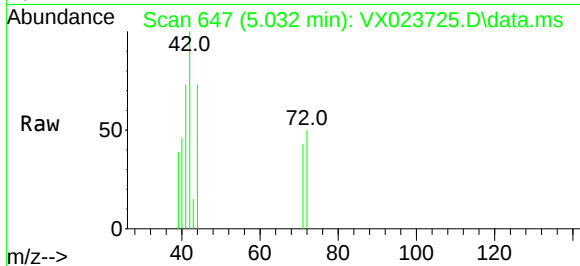




#41
Methacrylonitrile
Concen: 0.755 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.104 min
Lab File: VX023725.D
Acq: 14 Aug 2021 05:58

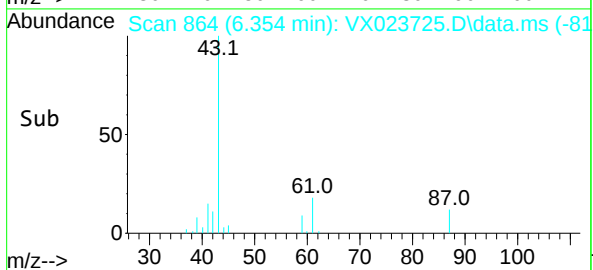
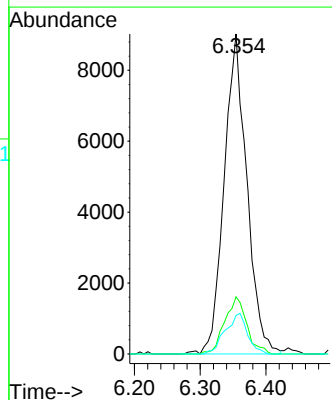
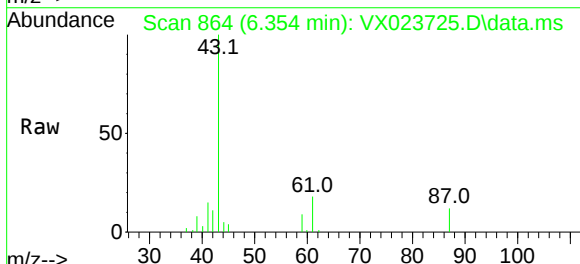
Instrument :
MSVOA_X
ClientSampleId :

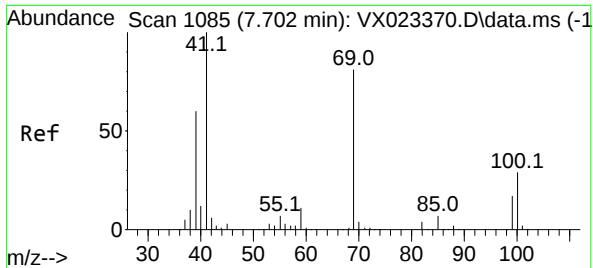
Tgt Ion:	41	Resp:	1158
Ion	Ratio	Lower	Upper
41	100		
39	61.9	42.5	63.7
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#43
Isopropyl Acetate
Concen: 4.814 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX023725.D
Acq: 14 Aug 2021 05:58

Tgt Ion:	43	Resp:	21671
Ion	Ratio	Lower	Upper
43	100		
61	17.3	18.2	27.4#
87	12.3	12.5	18.7#

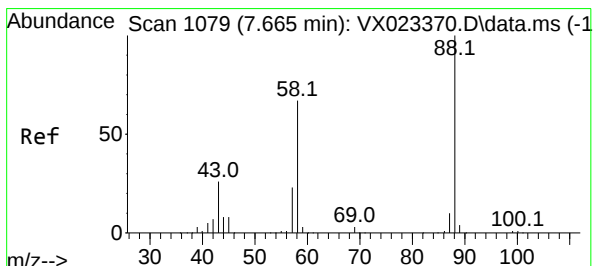
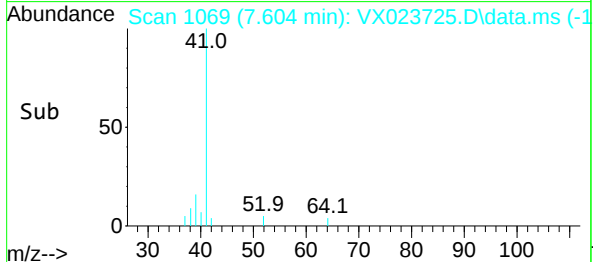
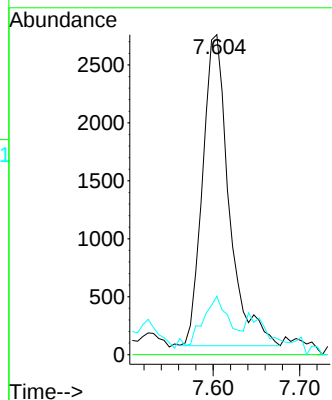
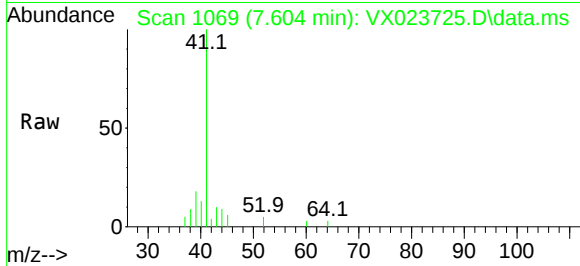




#48
Methyl methacrylate
Concen: 2.729 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.098 min
Lab File: VX023725.D
Acq: 14 Aug 2021 05:58

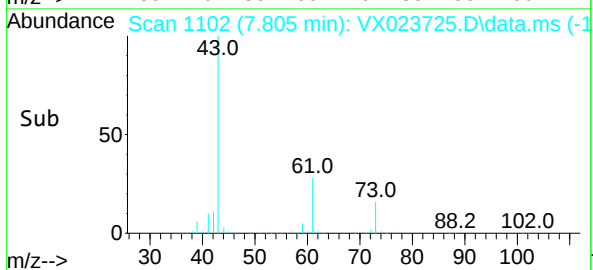
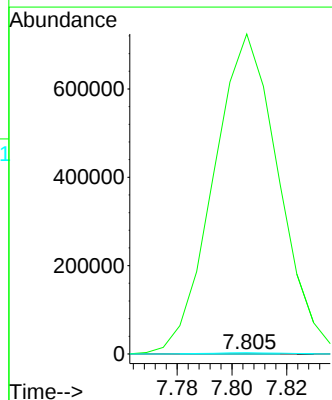
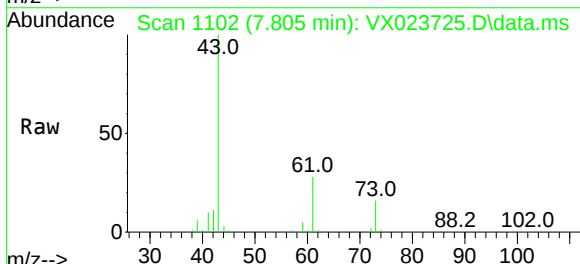
Instrument :
MSVOA_X
ClientSampled :

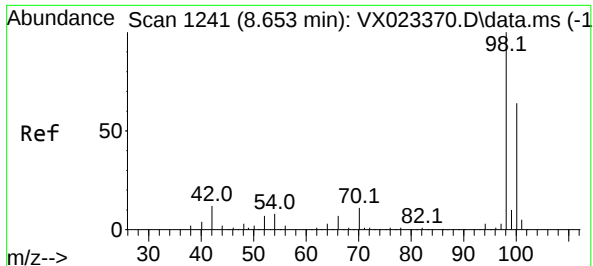
Tgt Ion: 41 Resp: 5689
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 2.883 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.140 min
Lab File: VX023725.D
Acq: 14 Aug 2021 05:58

Tgt Ion: 88 Resp: 128
Ion Ratio Lower Upper
88 100
43 942721.1 23.2 34.8#
58 4239.1 55.0 82.4#





#50

Toluene-d8

Concen: 54.778 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023725.D

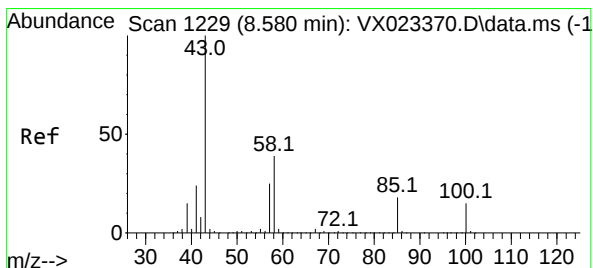
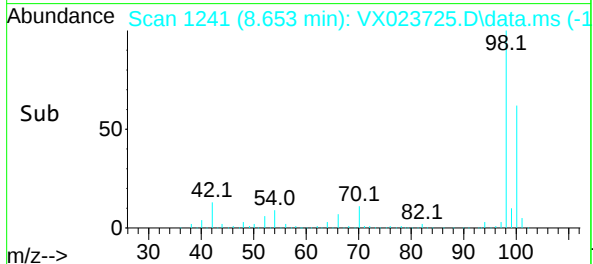
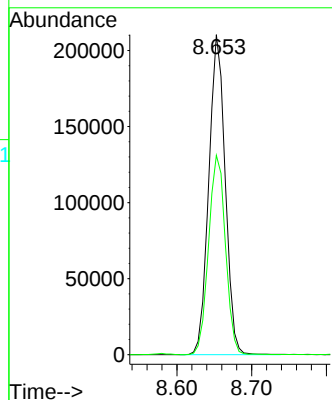
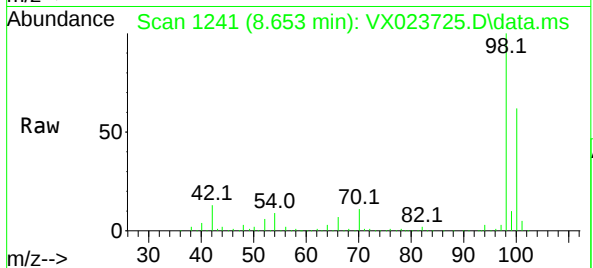
Acq: 14 Aug 2021 05:58

Tgt Ion: 98 Resp: 320493

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 27.784 ug/l

RT: 8.555 min Scan# 1225

Delta R.T. -0.025 min

Lab File: VX023725.D

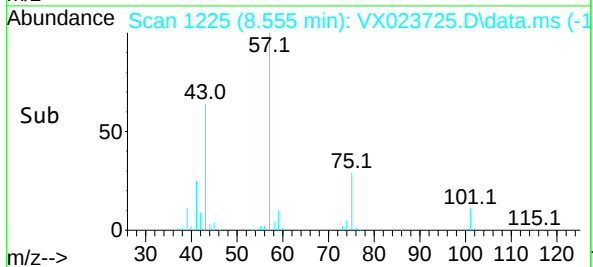
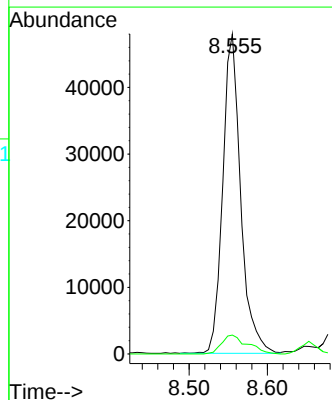
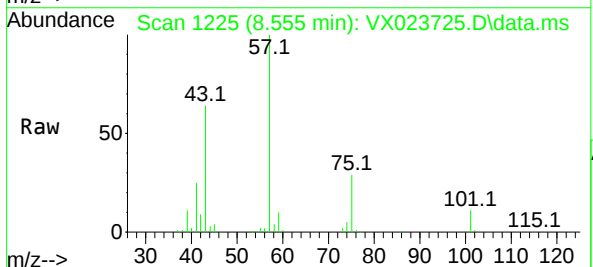
Acq: 14 Aug 2021 05:58

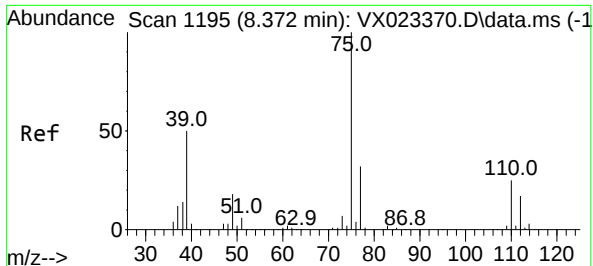
Tgt Ion: 43 Resp: 76497

Ion Ratio Lower Upper

43 100

58 8.5 35.4 53.0#

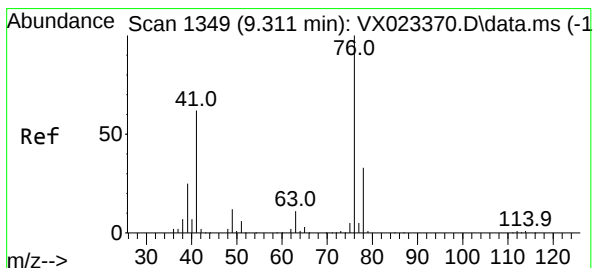
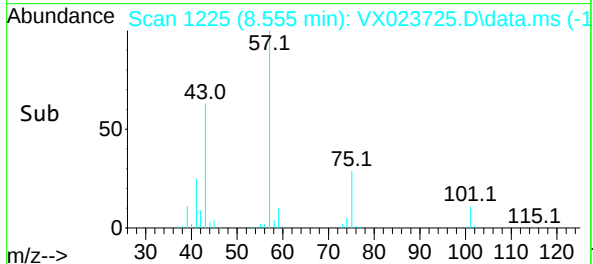
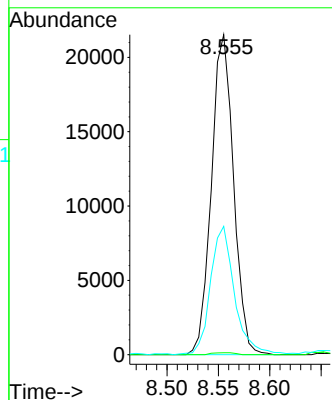
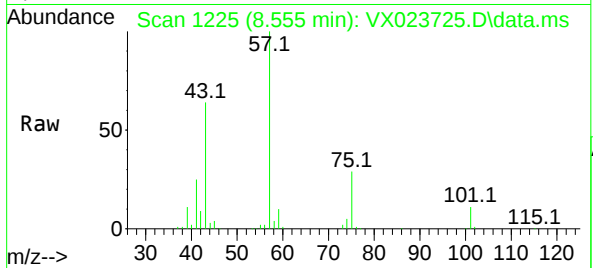




#54
 cis-1,3-Dichloropropene
 Concen: 11.695 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.183 min
 Lab File: VX023725.D
 Acq: 14 Aug 2021 05:58

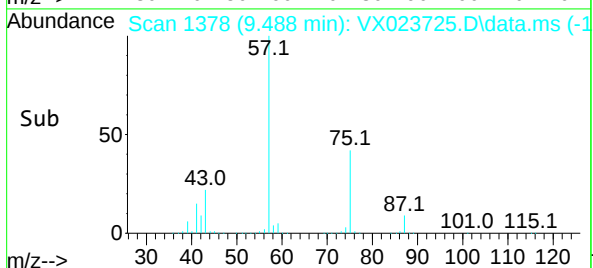
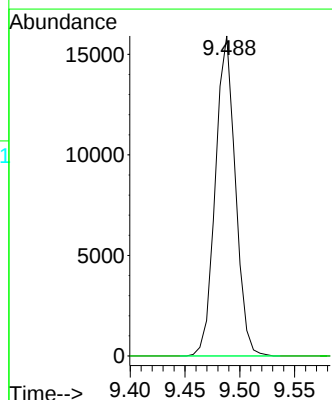
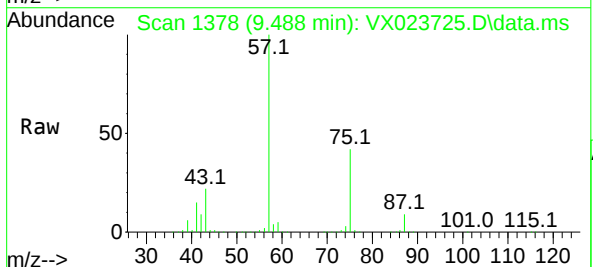
Instrument :
 MSVOA_X
 ClientSampled :

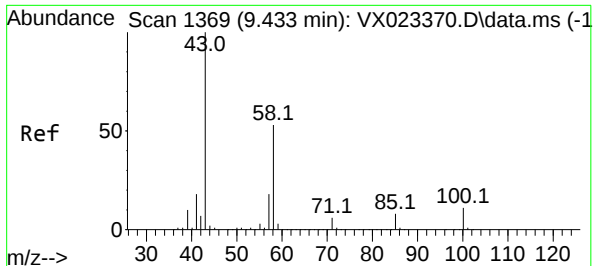
Tgt Ion: 75 Resp: 32207
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.7 38.5#
 39 39.8 35.1 52.7



#57
 1,3-Dichloropropane
 Concen: 6.949 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.177 min
 Lab File: VX023725.D
 Acq: 14 Aug 2021 05:58

Tgt Ion: 76 Resp: 20236
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.2 39.2#

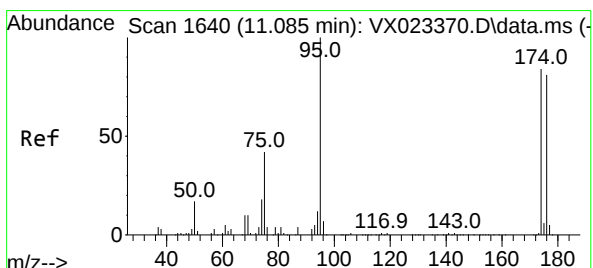
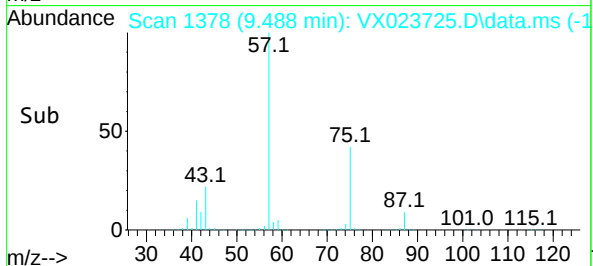
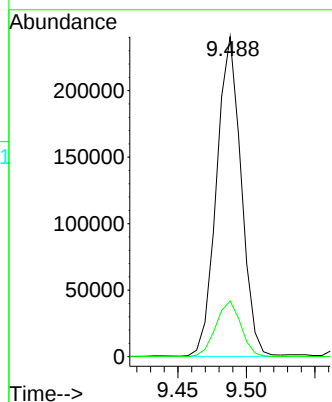
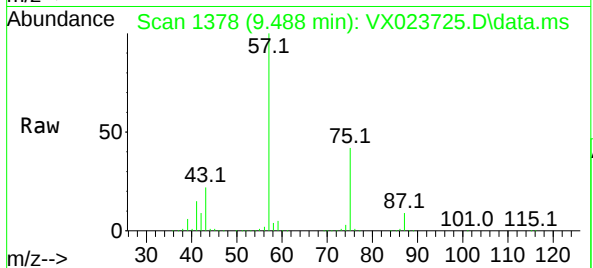




#59
2-Hexanone
Concen: 143.429 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX023725.D
Acq: 14 Aug 2021 05:58

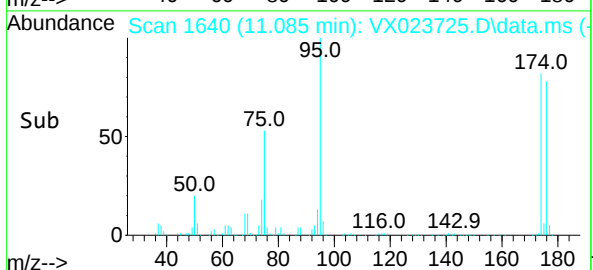
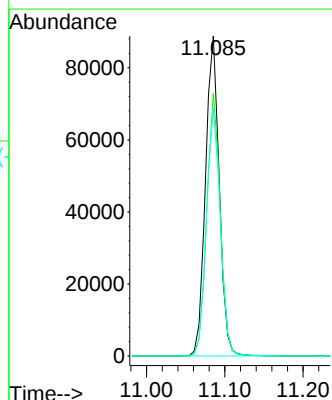
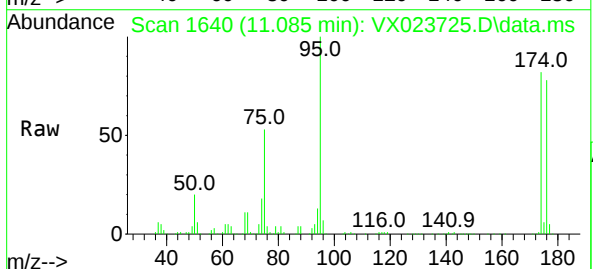
Instrument :
MSVOA_X
ClientSampled :

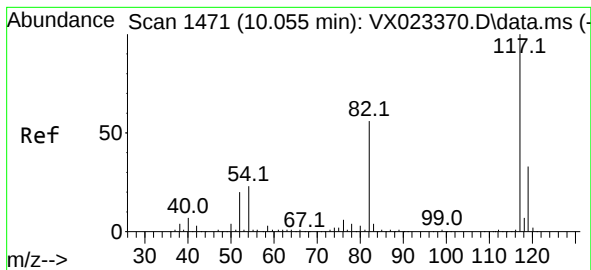
Tgt Ion: 43 Resp: 299879
Ion Ratio Lower Upper
43 100
58 17.7 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 54.270 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023725.D
Acq: 14 Aug 2021 05:58

Tgt Ion: 95 Resp: 107970
Ion Ratio Lower Upper
95 100
174 81.3 0.0 154.6
176 77.9 0.0 155.8

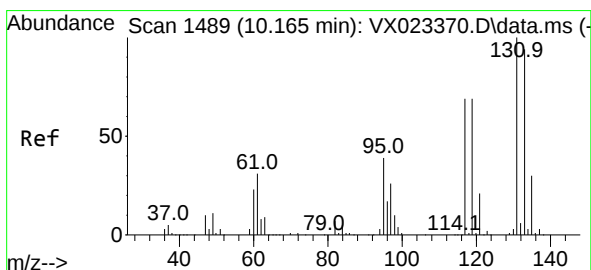
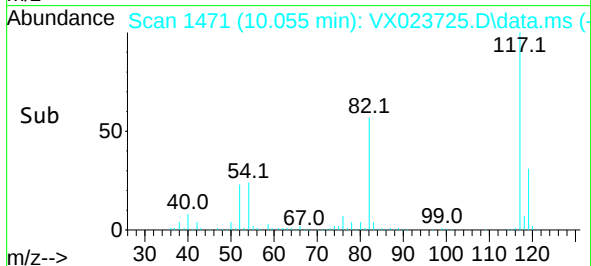
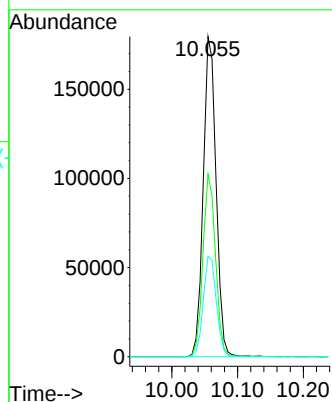
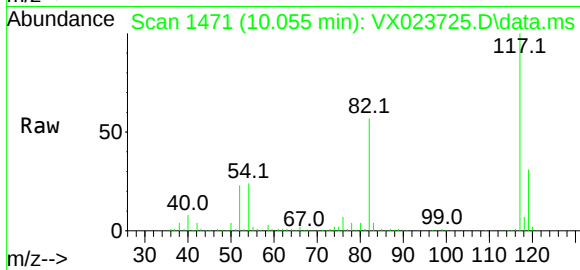




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023725.D
Acq: 14 Aug 2021 05:58

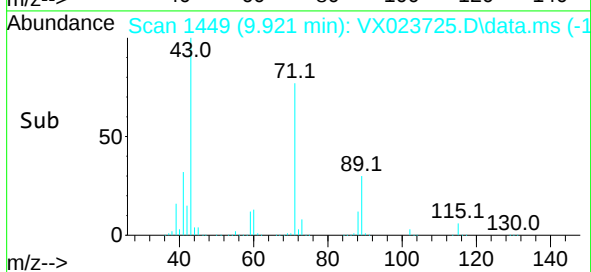
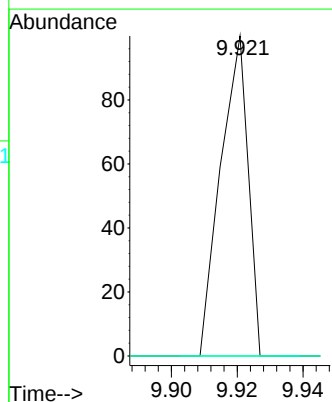
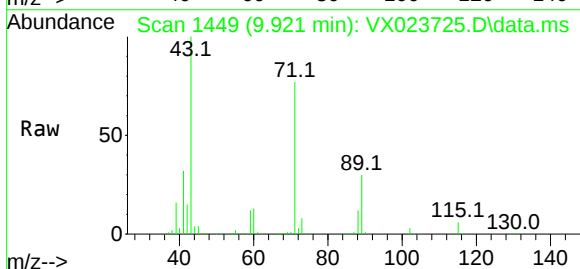
Instrument :
MSVOA_X
ClientSampled :

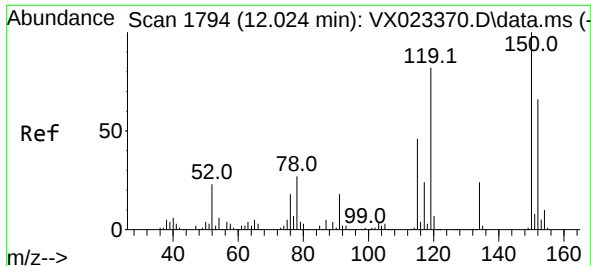
Tgt Ion:117 Resp: 243607
Ion Ratio Lower Upper
117 100
82 57.0 47.4 71.2
119 31.5 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 1.004 ug/l
RT: 9.921 min Scan# 1449
Delta R.T. -0.244 min
Lab File: VX023725.D
Acq: 14 Aug 2021 05:58

Tgt Ion:131 Resp: 58
Ion Ratio Lower Upper
131 100
133 0.0 47.7 143.1#
119 0.0 32.1 96.5#

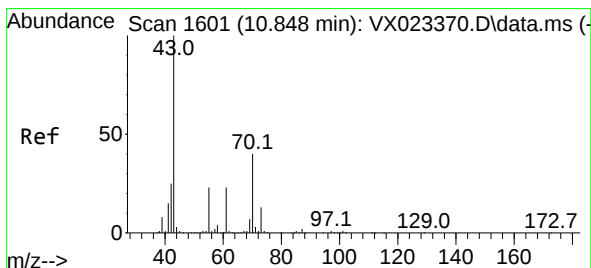
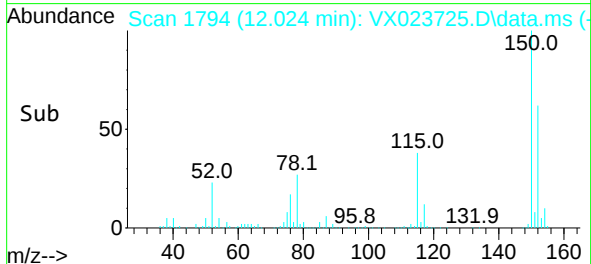
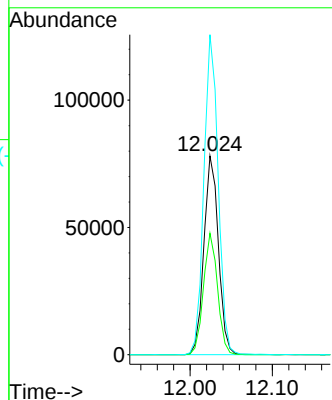
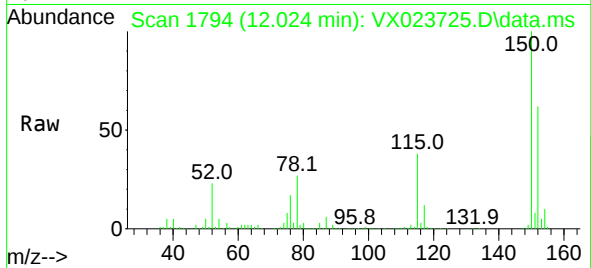




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023725.D
Acq: 14 Aug 2021 05:58

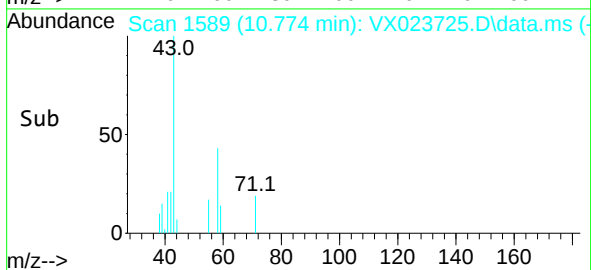
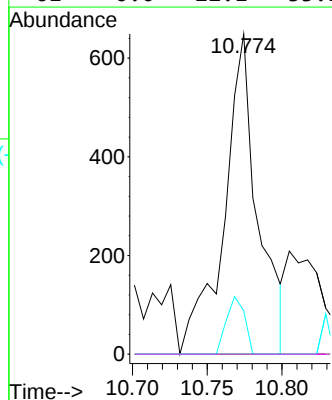
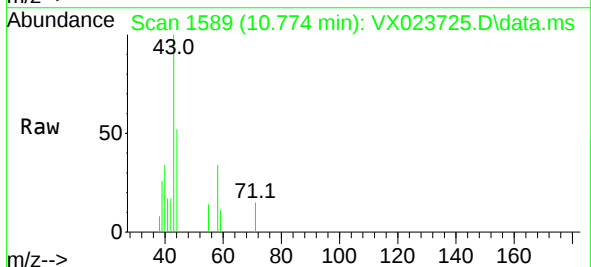
Instrument :
MSVOA_X
ClientSampleId :

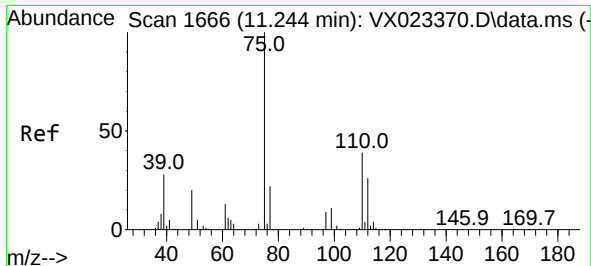
Tgt Ion:152 Resp: 95623
Ion Ratio Lower Upper
152 100
115 59.2 41.1 123.3
150 158.7 0.0 349.0



#74
N-ethyl acetate
Concen: 0.308 ug/l
RT: 10.774 min Scan# 1589
Delta R.T. -0.074 min
Lab File: VX023725.D
Acq: 14 Aug 2021 05:58

Tgt Ion: 43 Resp: 1014
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 9.7 21.5 32.3#
61 0.0 22.1 33.1#

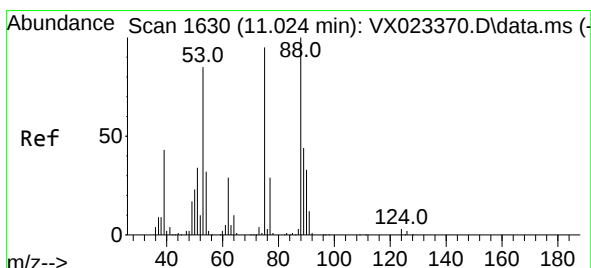
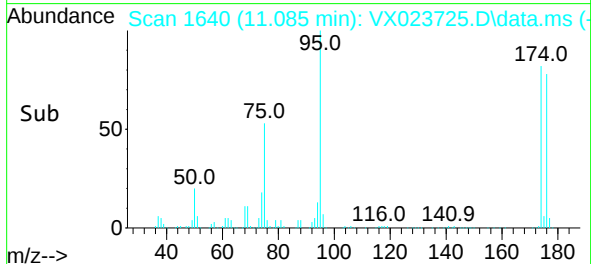
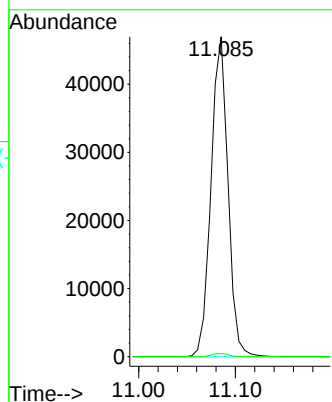
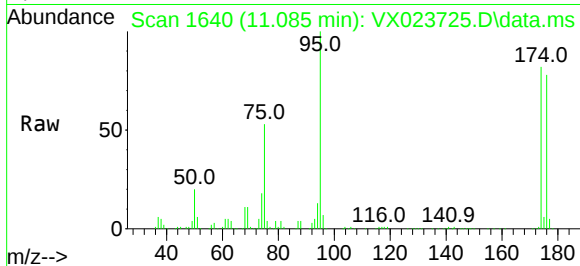




#76
1,2,3-Trichloropropane
Concen: 27.191 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023725.D
Acq: 14 Aug 2021 05:58

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 57217
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.114 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023725.D
Acq: 14 Aug 2021 05:58

Tgt Ion: 75 Resp: 57217
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

