

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
 Data File : VX026897.D
 Acq On : 10 Feb 2022 03:20
 Operator : JC/MD
 Sample : N1446-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 10 03:54:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

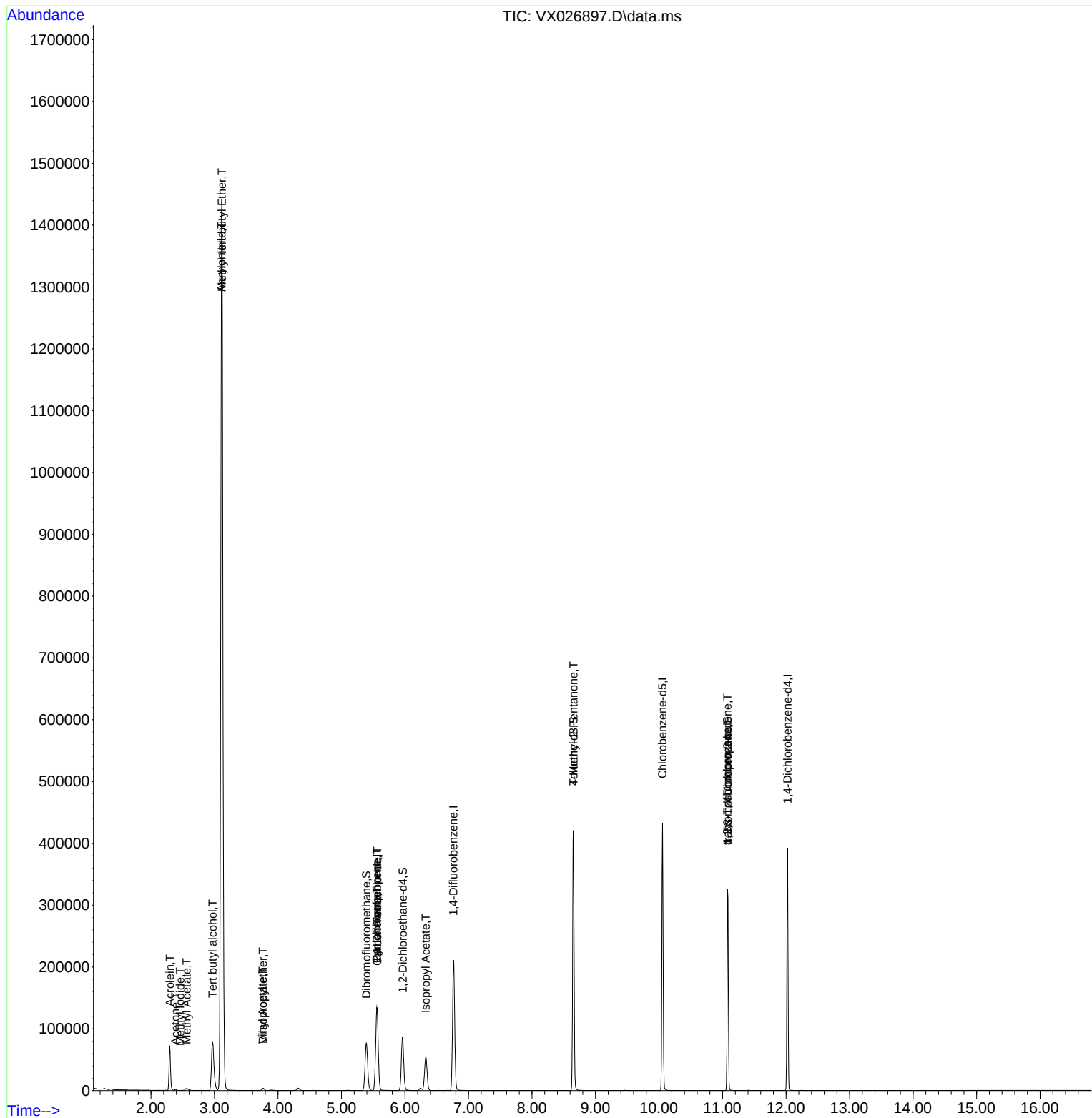
Internal Standards						
1) Pentafluorobenzene	5.556	168	127765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216743	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	83457	54.416	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 108.840%		
35) Dibromofluoromethane	5.391	113	67577	52.332	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.660%		
50) Toluene-d8	8.653	98	252487	53.267	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 106.540%		
62) 4-Bromofluorobenzene	11.079	95	89856	53.844	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 107.680%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.459	142	105	2.309	ug/l #	37
11) Tert butyl alcohol	2.971	59	114974	414.969	ug/l	96
13) Acrolein	2.300	56	488	1.906	ug/l #	1
15) Acrylonitrile	3.111	53	16876	21.255	ug/l #	31
16) Acetone	2.386	43	1746	2.592	ug/l	95
18) Methyl Acetate	2.562	43	1546	0.798	ug/l #	53
19) Methyl tert-butyl Ether	3.117	73	1607664	347.359	ug/l	99
22) Diisopropyl ether	3.763	45	4157	0.891	ug/l #	78
23) Vinyl Acetate	3.757	43	2151	0.549	ug/l #	73
31) Cyclohexane	5.556	56	2727	1.119	ug/l #	11
36) 1,1-Dichloropropene	5.556	75	9691	4.757	ug/l #	51
38) Carbon Tetrachloride	5.562	117	13195	6.177	ug/l #	16
43) Isopropyl Acetate	6.324	43	19336	5.428	ug/l #	14
51) 4-Methyl-2-Pentanone	8.653	43	1066	0.494	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45480	25.854	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	45480	78.744	ug/l #	3

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

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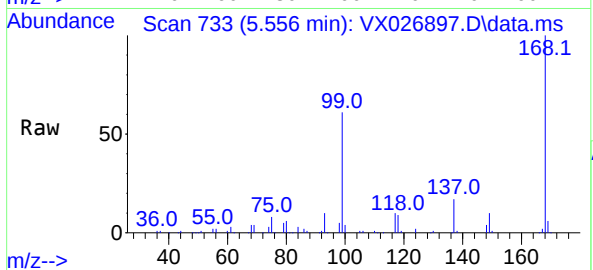
Quant Time: Feb 10 03:54:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
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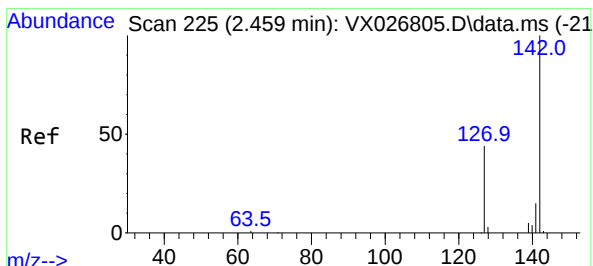
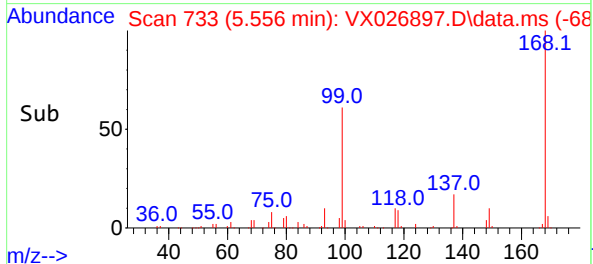
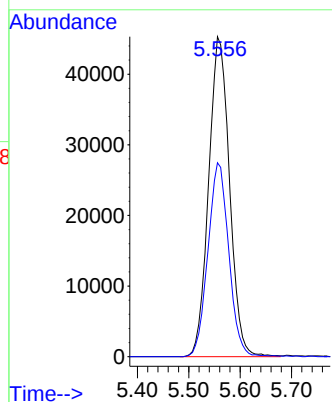


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026897.D
Acq: 10 Feb 2022 03:20

Instrument :
MSVOA_X
ClientSampleId :

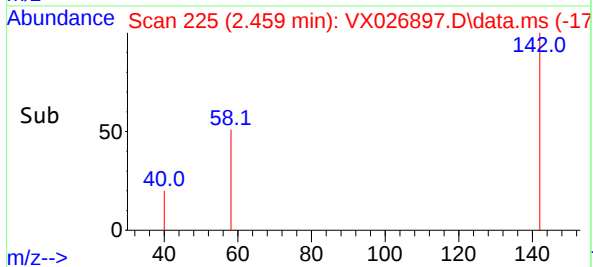
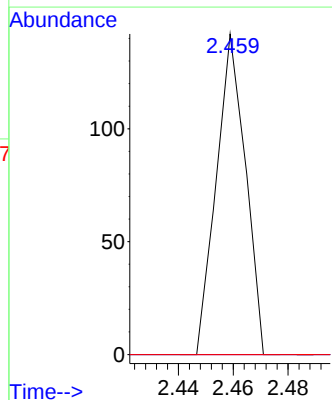
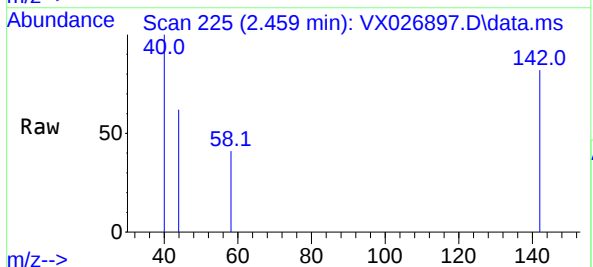


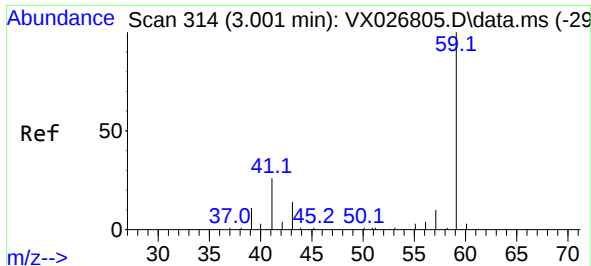
Tgt Ion:168 Resp: 127765
Ion Ratio Lower Upper
168 100
99 60.6 50.3 75.5



#10
Methyl Iodide
Concen: 2.309 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX026897.D
Acq: 10 Feb 2022 03:20

Tgt Ion:142 Resp: 105
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#

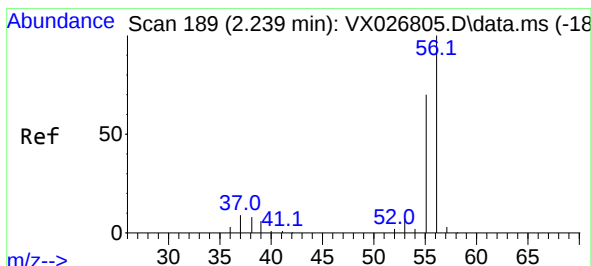
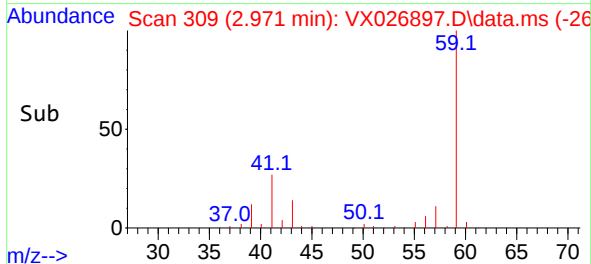
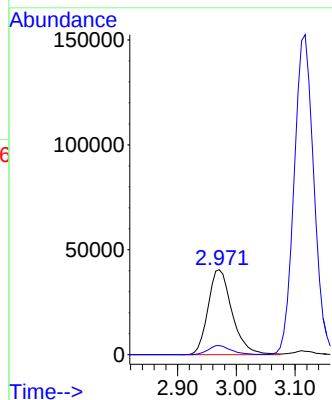
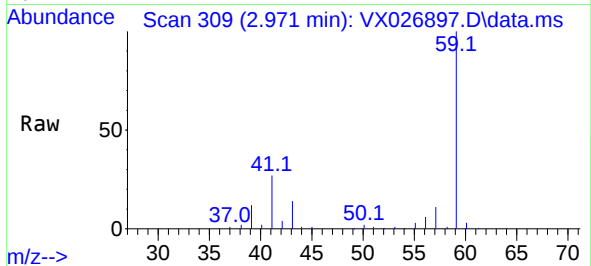




#11
Tert butyl alcohol
Concen: 414.969 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.030 min
Lab File: VX026897.D
Acq: 10 Feb 2022 03:20

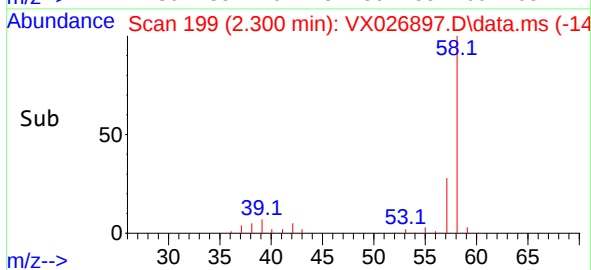
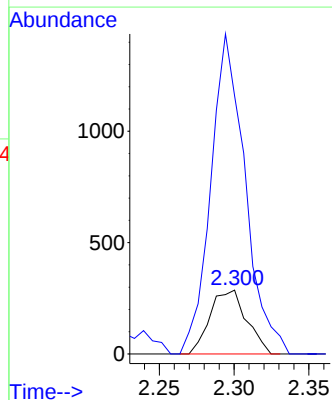
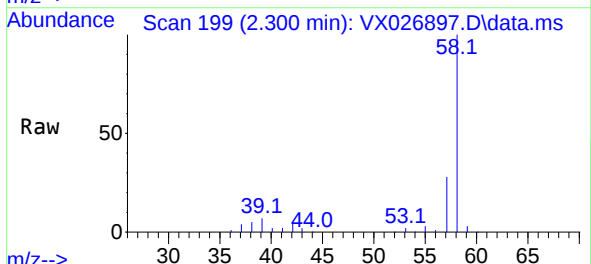
Instrument :
MSVOA_X
ClientSampleId :

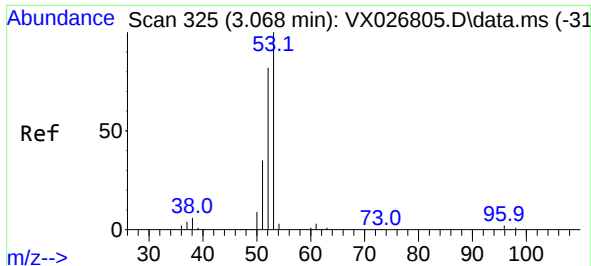
Tgt Ion: 59 Resp: 114974
Ion Ratio Lower Upper
59 100
57 10.4 7.2 10.8



#13
Acrolein
Concen: 1.906 ug/l
RT: 2.300 min Scan# 199
Delta R.T. 0.061 min
Lab File: VX026897.D
Acq: 10 Feb 2022 03:20

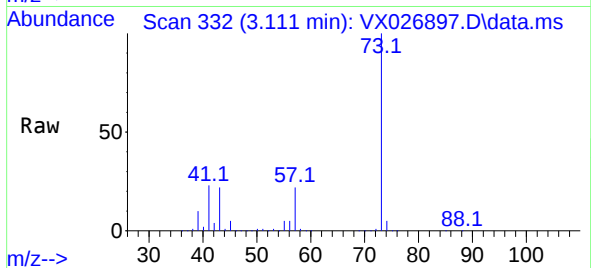
Tgt Ion: 56 Resp: 488
Ion Ratio Lower Upper
56 100
55 471.1 56.9 85.3#



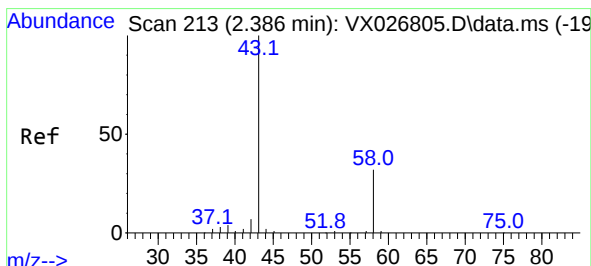
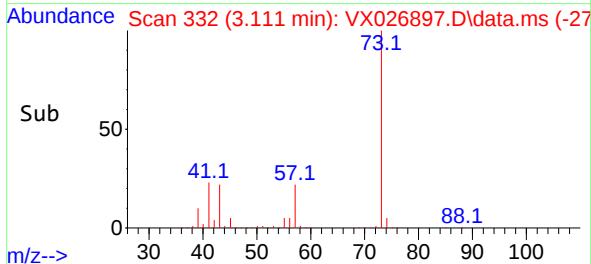
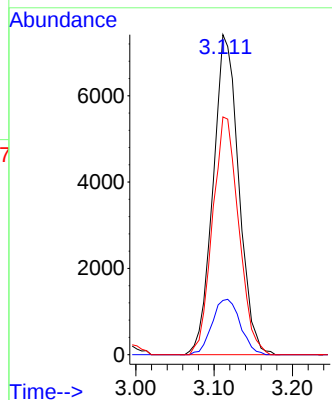


#15
Acrylonitrile
Concen: 21.255 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.043 min
Lab File: VX026897.D
Acq: 10 Feb 2022 03:20

Instrument :
MSVOA_X
ClientSampleId :

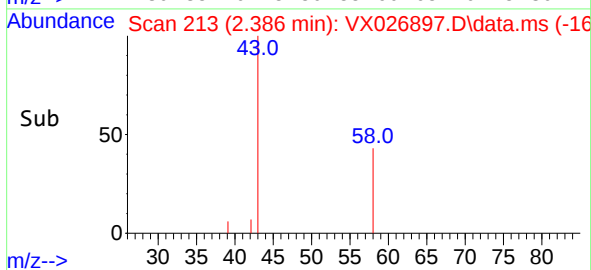
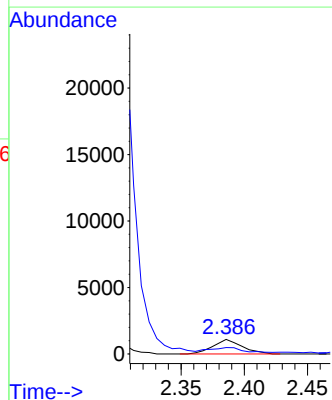
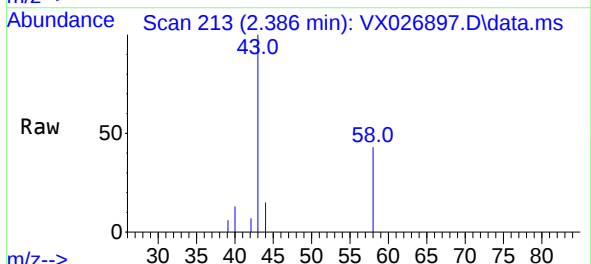


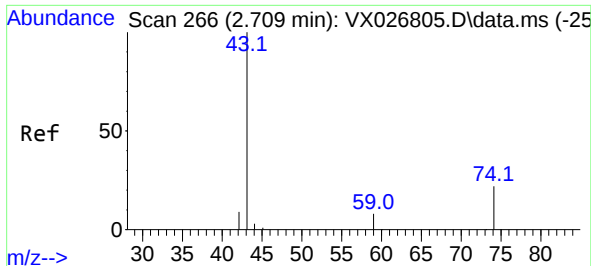
Tgt Ion: 53 Resp: 16876
Ion Ratio Lower Upper
53 100
52 19.0 66.6 100.0#
51 75.8 29.5 44.3#



#16
Acetone
Concen: 2.592 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026897.D
Acq: 10 Feb 2022 03:20

Tgt Ion: 43 Resp: 1746
Ion Ratio Lower Upper
43 100
58 31.4 23.0 34.6

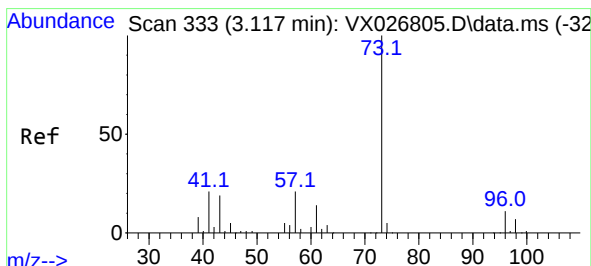
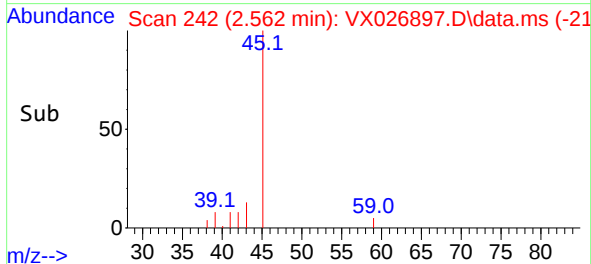
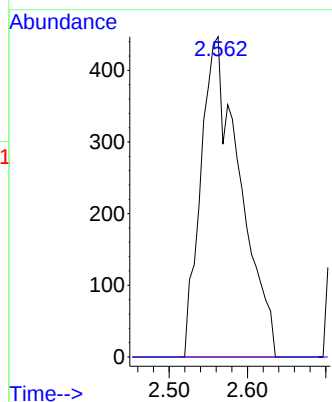
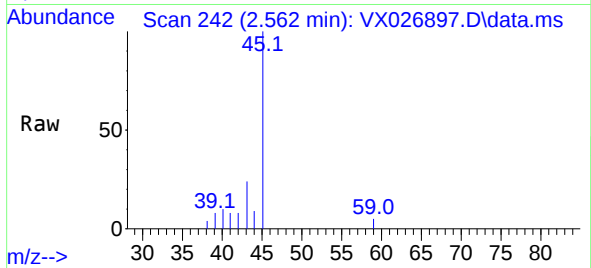




#18
Methyl Acetate
Concen: 0.798 ug/l
RT: 2.562 min Scan# 242
Delta R.T. -0.146 min
Lab File: VX026897.D
Acq: 10 Feb 2022 03:20

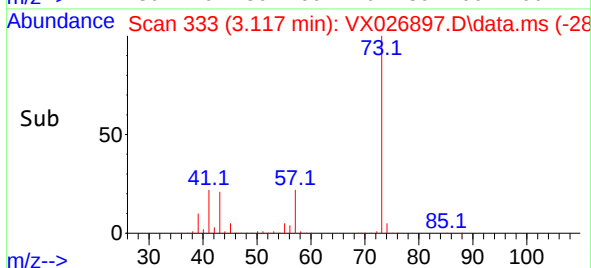
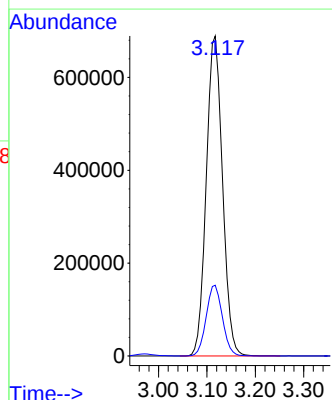
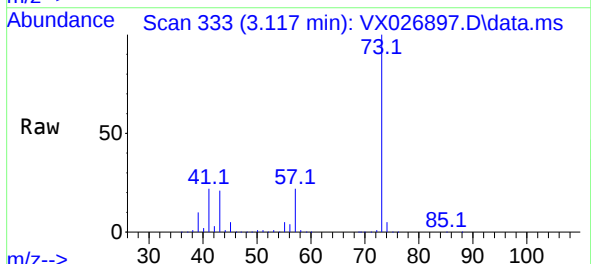
Instrument :
MSVOA_X
ClientSampleId :

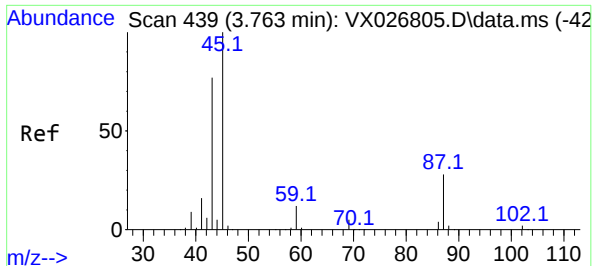
Tgt Ion: 43 Resp: 1546
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#



#19
Methyl tert-butyl Ether
Concen: 347.359 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX026897.D
Acq: 10 Feb 2022 03:20

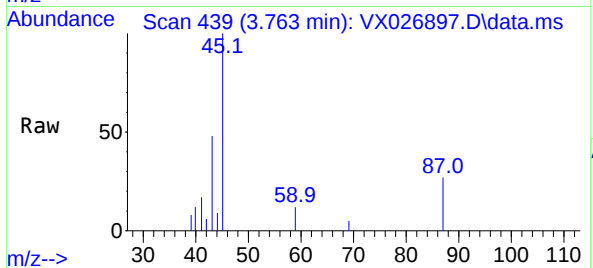
Tgt Ion: 73 Resp: 1607664
Ion Ratio Lower Upper
73 100
57 22.1 17.4 26.2





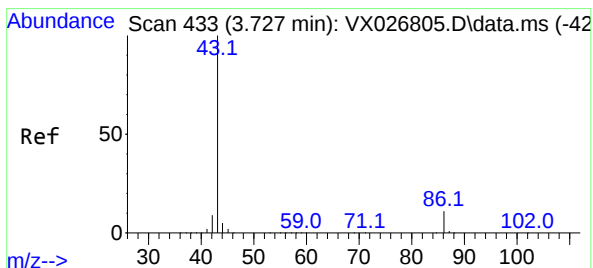
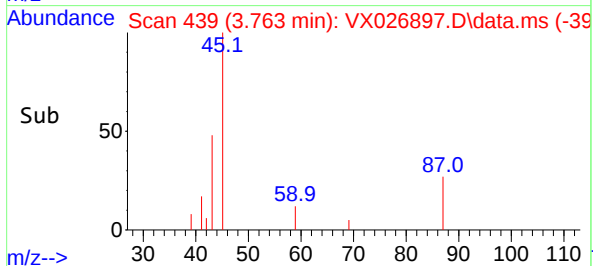
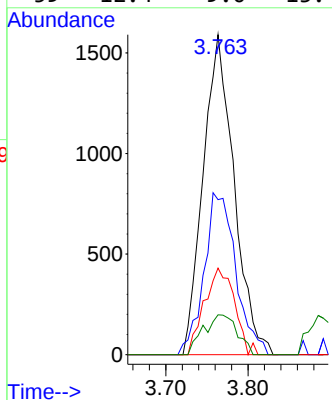
#22
Diisopropyl ether
Concen: 0.891 ug/l
RT: 3.763 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX026897.D
Acq: 10 Feb 2022 03:20

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 45 Resp: 4157

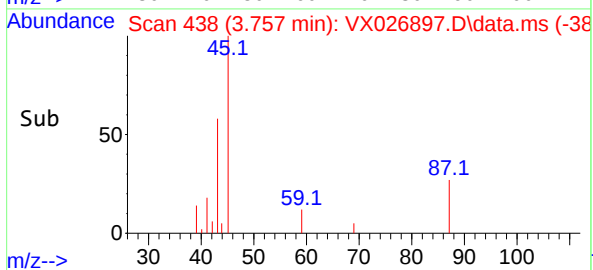
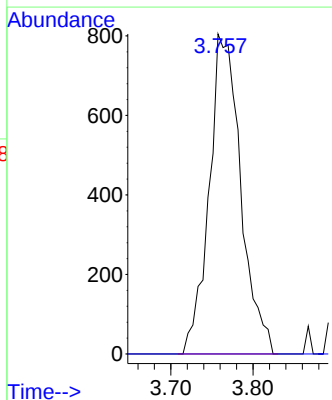
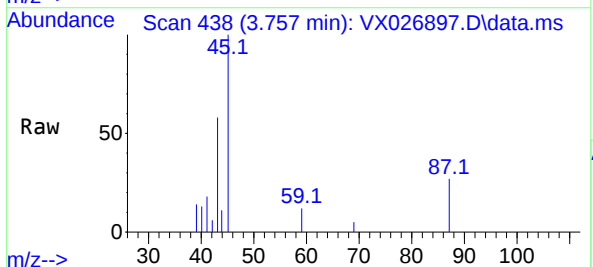
Ion	Ratio	Lower	Upper
45	100		
43	48.5	60.6	91.0#
87	27.0	22.0	33.0
59	12.4	9.0	13.4

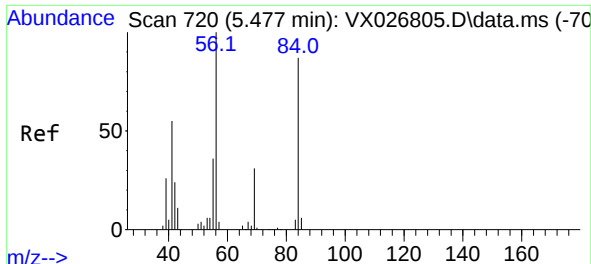


#23
Vinyl Acetate
Concen: 0.549 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.031 min
Lab File: VX026897.D
Acq: 10 Feb 2022 03:20

Tgt Ion: 43 Resp: 2151

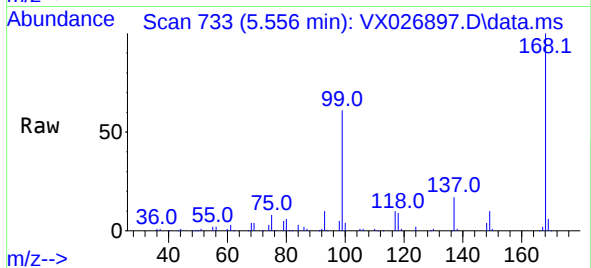
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.1	12.1#



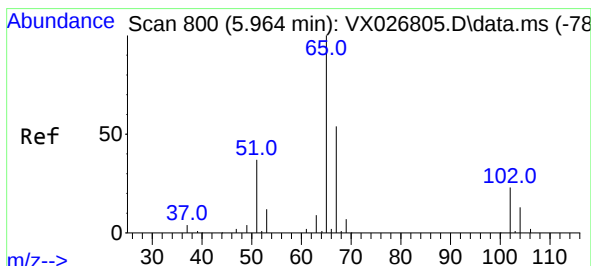
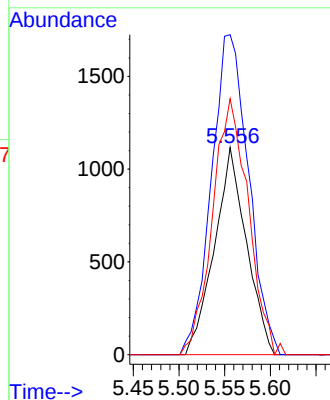
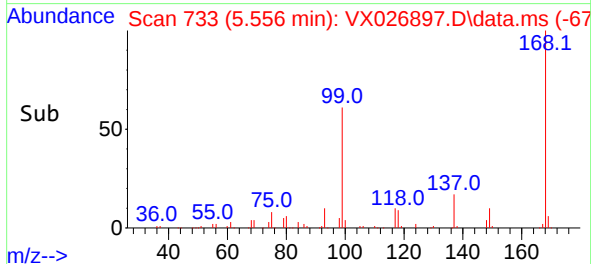


#31
Cyclohexane
Concen: 1.119 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX026897.D
Acq: 10 Feb 2022 03:20

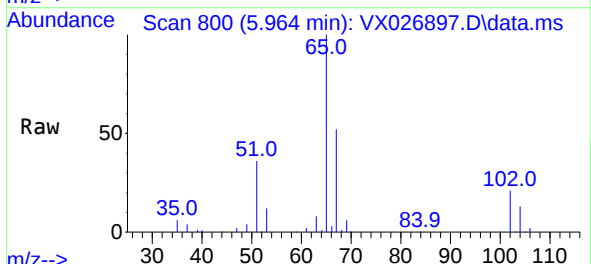
Instrument :
MSVOA_X
ClientSampleId :



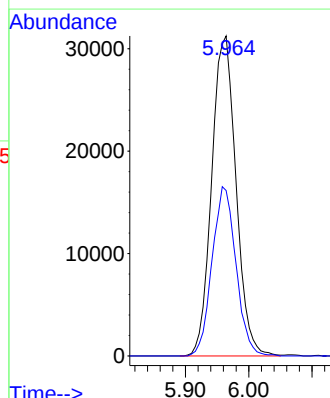
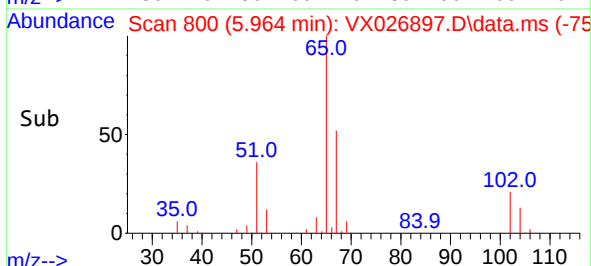
Tgt Ion: 56 Resp: 2727
Ion Ratio Lower Upper
56 100
69 154.4 25.8 38.6#
84 123.5 68.9 103.3#

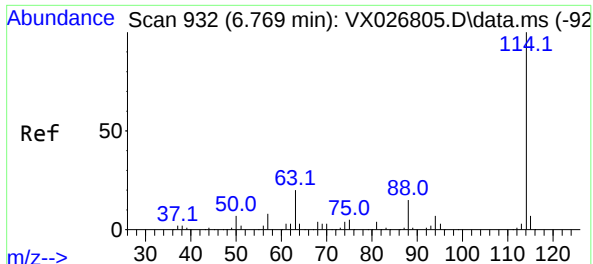


#33
1,2-Dichloroethane-d4
Concen: 54.416 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX026897.D
Acq: 10 Feb 2022 03:20



Tgt Ion: 65 Resp: 83457
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX026897.D

Acq: 10 Feb 2022 03:20

Instrument :

MSVOA_X

ClientSampleId :

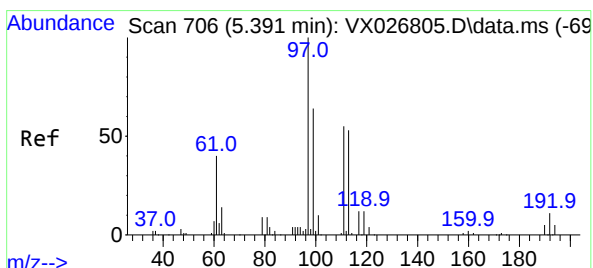
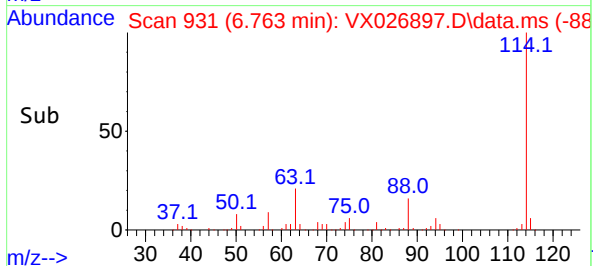
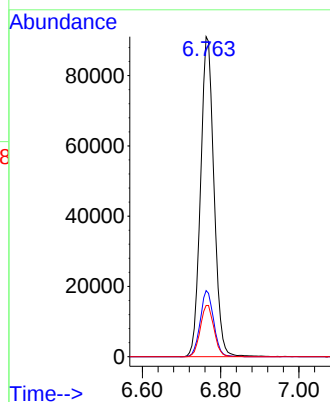
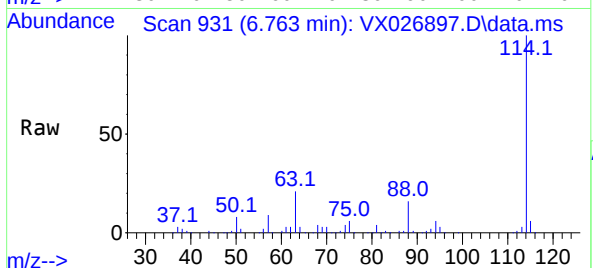
Tgt Ion:114 Resp: 216743

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.8

88 16.0 0.0 33.0



#35

Dibromofluoromethane

Concen: 52.332 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026897.D

Acq: 10 Feb 2022 03:20

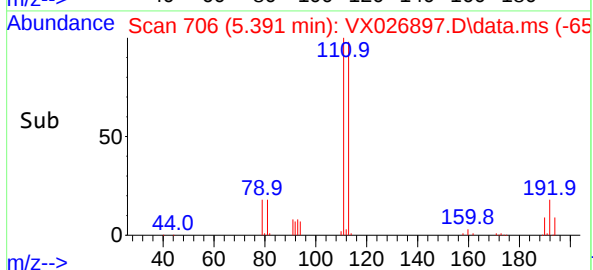
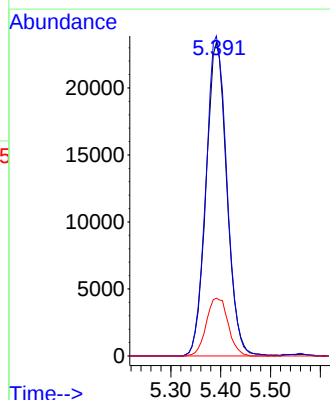
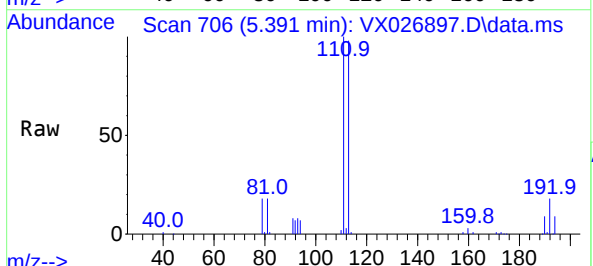
Tgt Ion:113 Resp: 67577

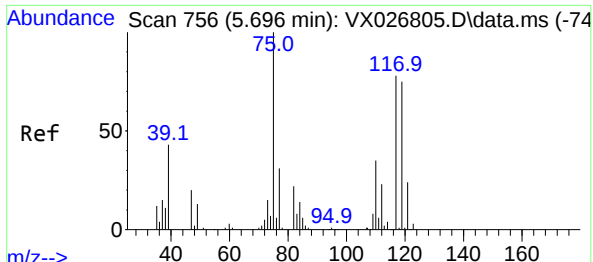
Ion Ratio Lower Upper

113 100

111 103.1 81.2 121.8

192 19.4 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.757 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

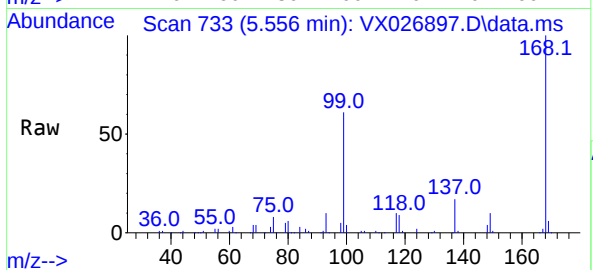
Lab File: VX026897.D

Acq: 10 Feb 2022 03:20

Instrument :

MSVOA_X

ClientSampleId :



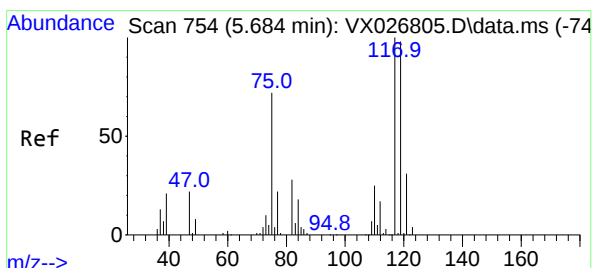
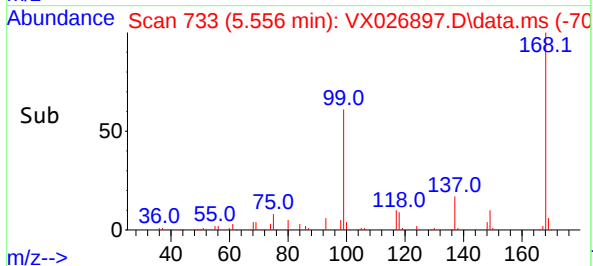
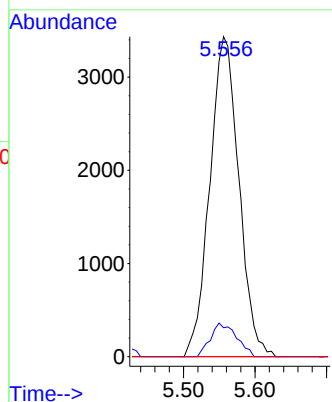
Tgt Ion: 75 Resp: 9691

Ion Ratio Lower Upper

75 100

110 9.4 17.2 51.6#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 6.177 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.122 min

Lab File: VX026897.D

Acq: 10 Feb 2022 03:20

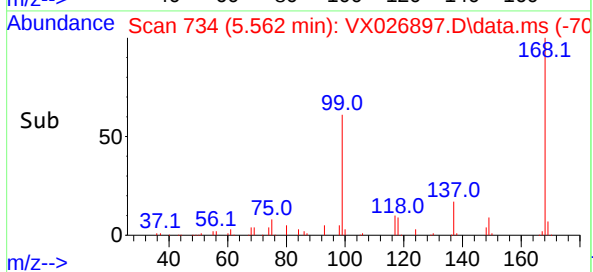
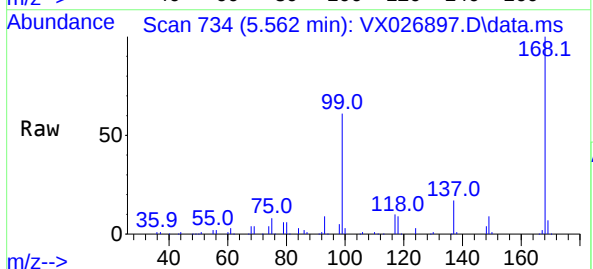
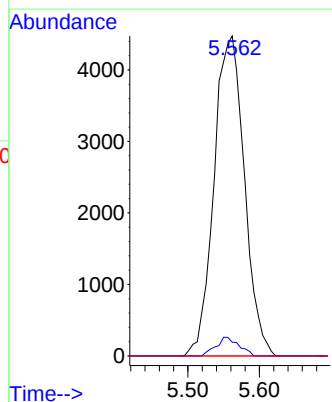
Tgt Ion: 117 Resp: 13195

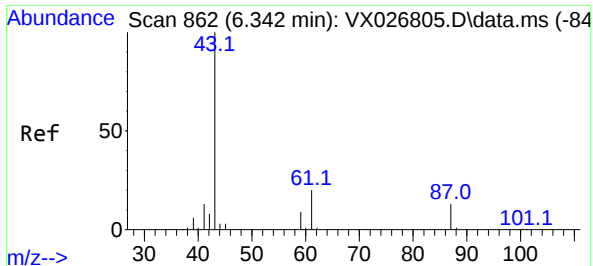
Ion Ratio Lower Upper

117 100

119 4.3 74.7 112.1#

121 0.0 25.4 38.0#

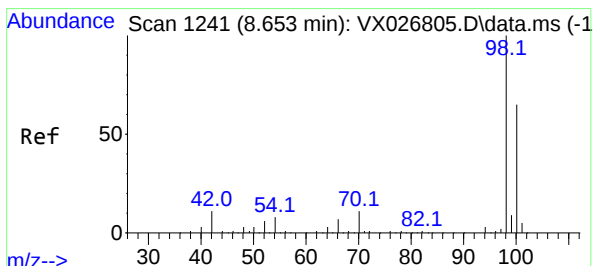
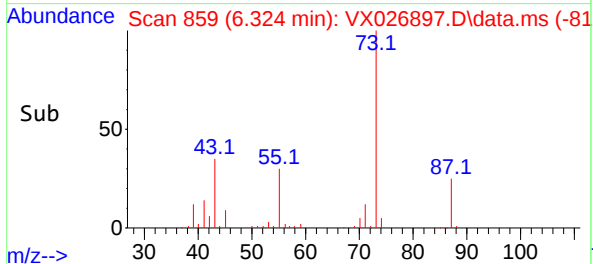
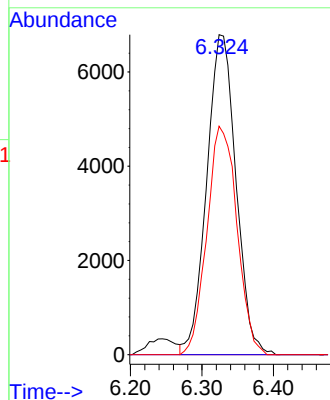
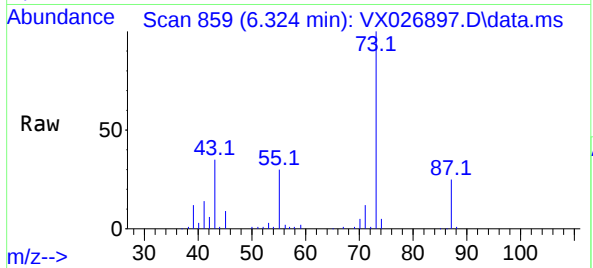




#43
Isopropyl Acetate
Concen: 5.428 ug/l
RT: 6.324 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX026897.D
Acq: 10 Feb 2022 03:20

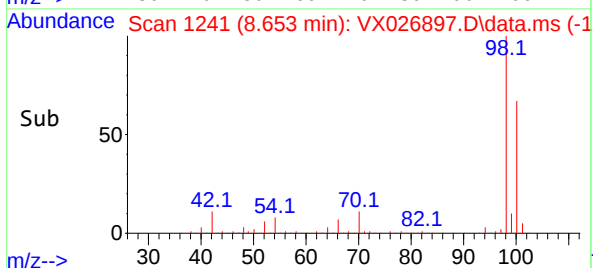
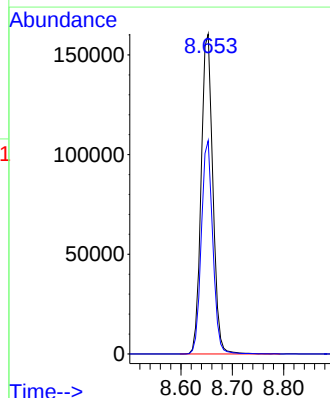
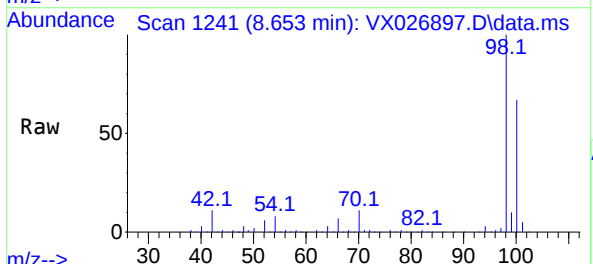
Instrument :
MSVOA_X
ClientSampleId :

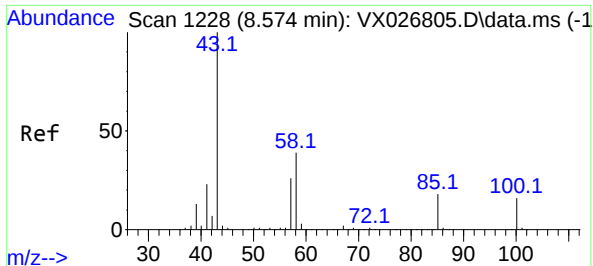
Tgt Ion: 43 Resp: 19336
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 73.2 10.2 15.2#



#50
Toluene-d8
Concen: 53.267 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026897.D
Acq: 10 Feb 2022 03:20

Tgt Ion: 98 Resp: 252487
Ion Ratio Lower Upper
98 100
100 65.6 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.494 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX026897.D

Acq: 10 Feb 2022 03:20

Instrument :

MSVOA_X

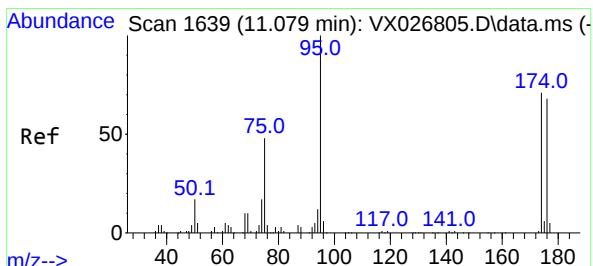
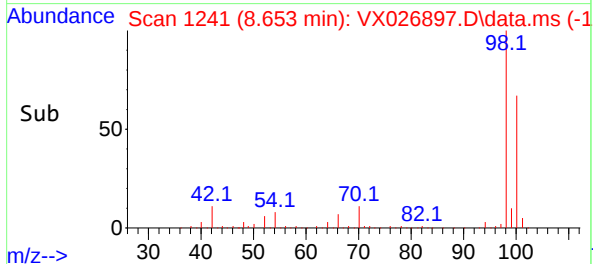
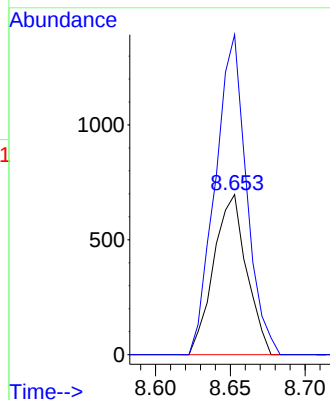
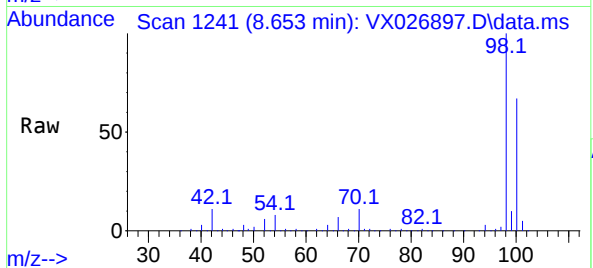
ClientSampleId :

Tgt Ion: 43 Resp: 1066

Ion Ratio Lower Upper

43 100

58 190.2 30.5 45.7#



#62

4-Bromofluorobenzene

Concen: 53.844 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX026897.D

Acq: 10 Feb 2022 03:20

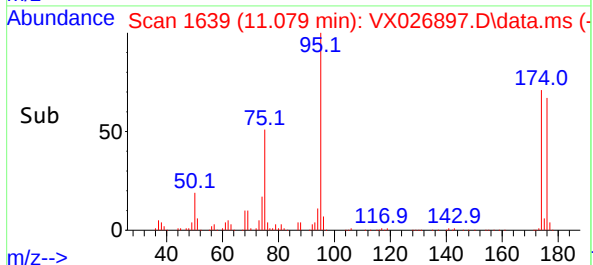
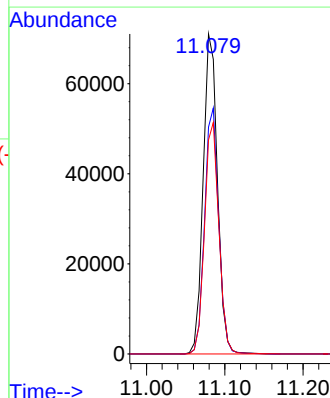
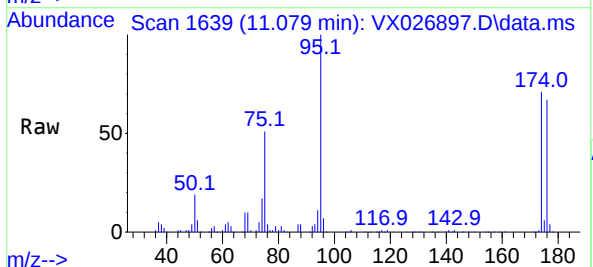
Tgt Ion: 95 Resp: 89856

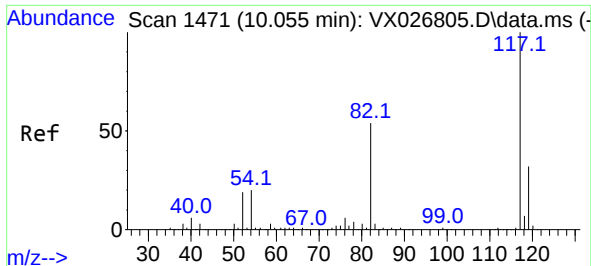
Ion Ratio Lower Upper

95 100

174 75.8 0.0 148.6

176 72.6 0.0 141.4

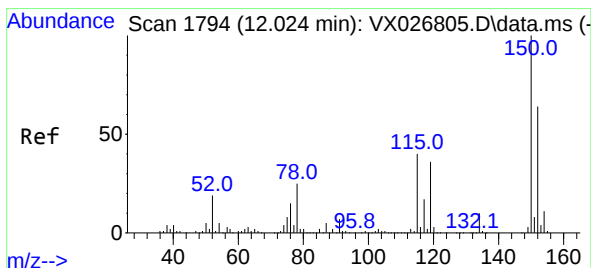
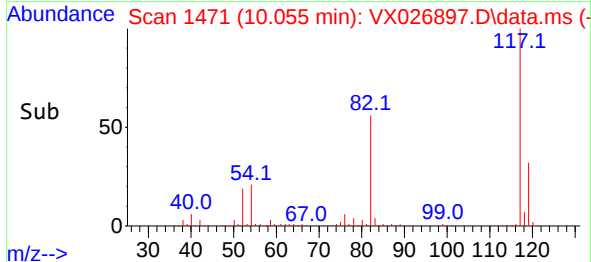
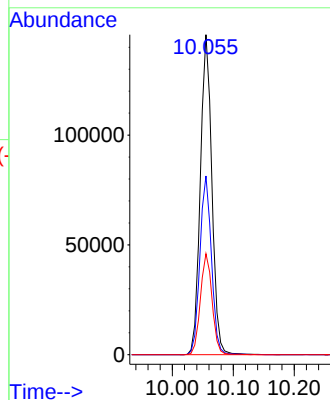
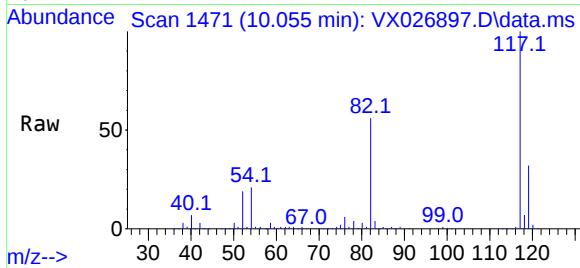




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026897.D
Acq: 10 Feb 2022 03:20

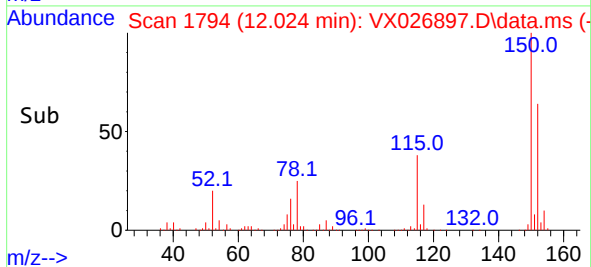
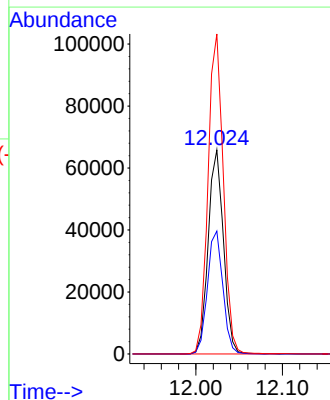
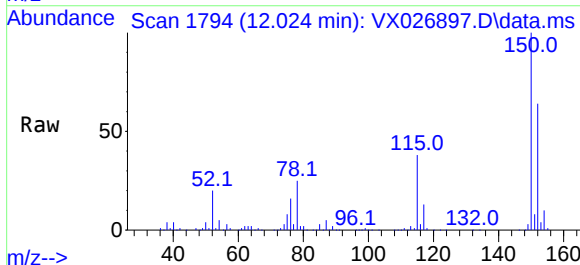
Instrument :
MSVOA_X
ClientSampleId :

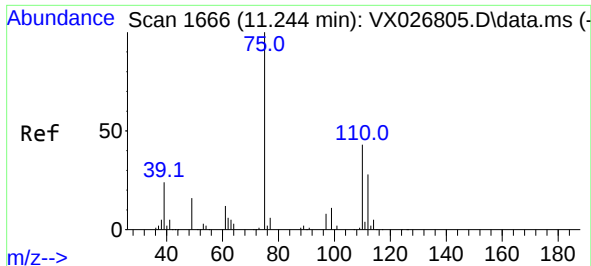
Tgt Ion:117 Resp: 192096
Ion Ratio Lower Upper
117 100
82 55.9 45.2 67.8
119 31.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026897.D
Acq: 10 Feb 2022 03:20

Tgt Ion:152 Resp: 80360
Ion Ratio Lower Upper
152 100
115 61.0 44.2 132.6
150 157.3 0.0 348.2

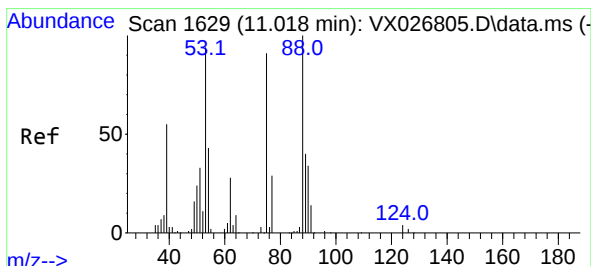
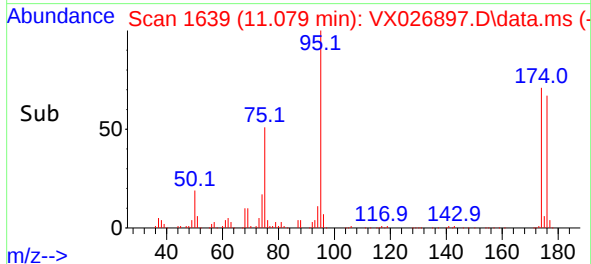
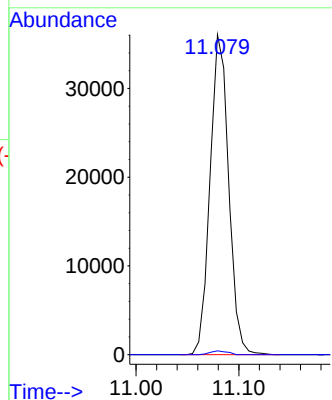
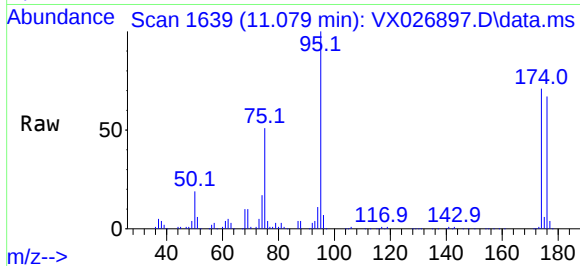




#76
1,2,3-Trichloropropane
Concen: 25.854 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026897.D
Acq: 10 Feb 2022 03:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 45480
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.744 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026897.D
Acq: 10 Feb 2022 03:20

Tgt Ion: 75 Resp: 45480
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

