

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
 Data File : VX026891.D
 Acq On : 10 Feb 2022 01:01
 Operator : JC/MD
 Sample : N1446-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 10 03:52:51 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)

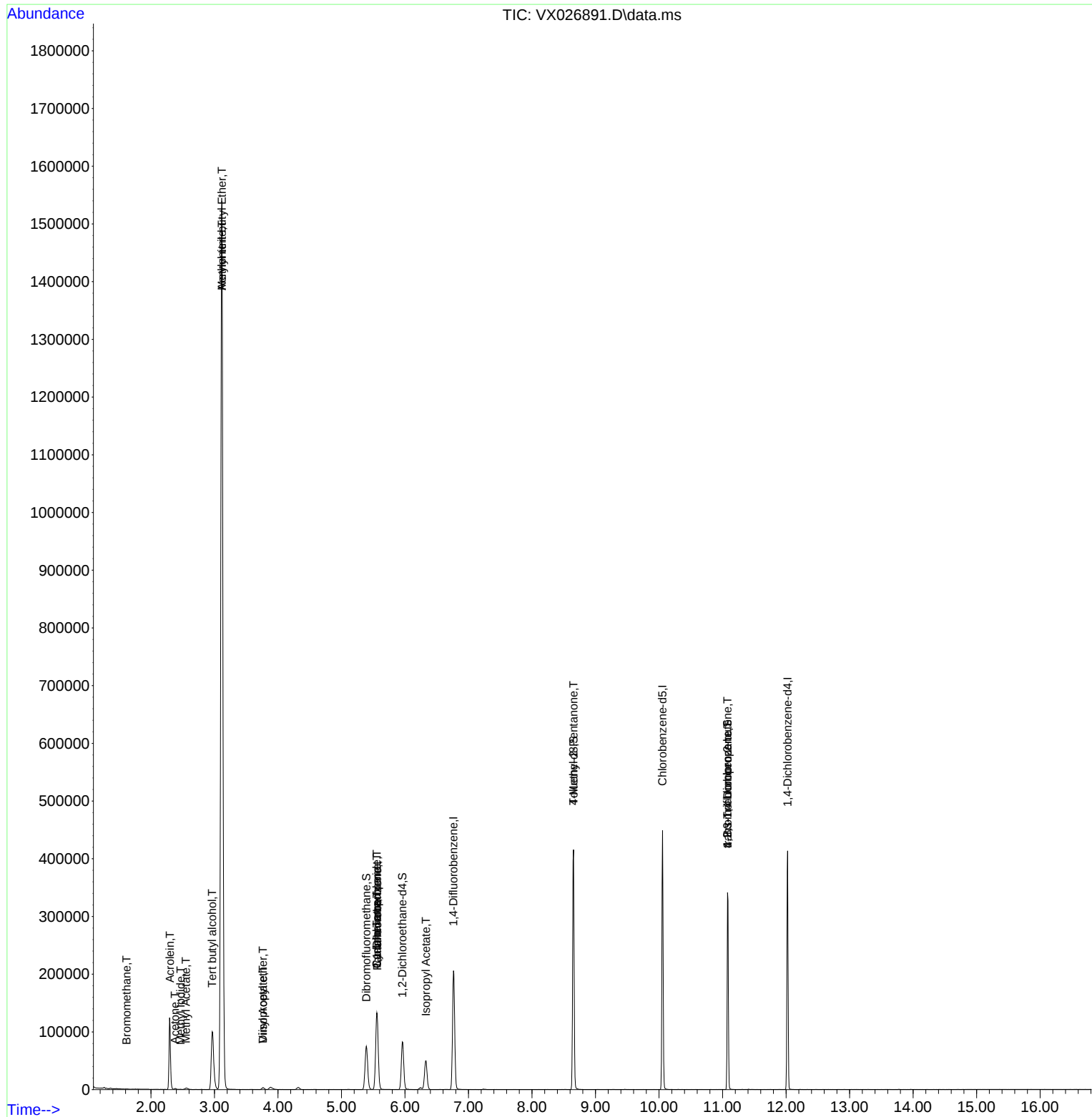
Internal Standards						
1) Pentafluorobenzene	5.562	168	126790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	214498	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81738	53.705	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.400%
35) Dibromofluoromethane	5.391	113	66761	52.241	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.480%
50) Toluene-d8	8.653	98	251601	53.635	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.280%
62) 4-Bromofluorobenzene	11.079	95	94868	57.443	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.880%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	145	0.255	ug/l	89
10) Methyl Iodide	2.465	142	298	2.412	ug/l #	84
11) Tert butyl alcohol	2.965	59	144143	524.248	ug/l	96
13) Acrolein	2.300	56	746	2.936	ug/l #	1
15) Acrylonitrile	3.117	53	17241	21.882	ug/l #	28
16) Acetone	2.380	43	1698	2.540	ug/l	96
18) Methyl Acetate	2.550	43	1136	0.591	ug/l #	53
19) Methyl tert-butyl Ether	3.117	73	1746482	380.254	ug/l	99
22) Diisopropyl ether	3.764	45	3795	0.820	ug/l #	84
23) Vinyl Acetate	3.764	43	2019	0.519	ug/l #	73
31) Cyclohexane	5.556	56	2441	1.009	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9957	4.939	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13095	6.194	ug/l #	17
43) Isopropyl Acetate	6.330	43	18194	5.161	ug/l #	14
51) 4-Methyl-2-Pentanone	8.653	43	1103	0.516	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	47672	25.569	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	47672	77.915	ug/l #	3

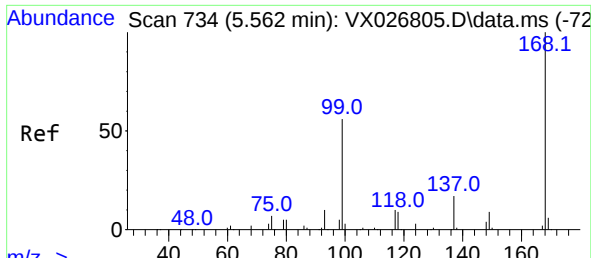
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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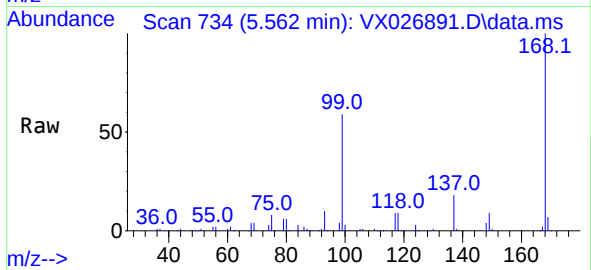
Quant Time: Feb 10 03:52:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration



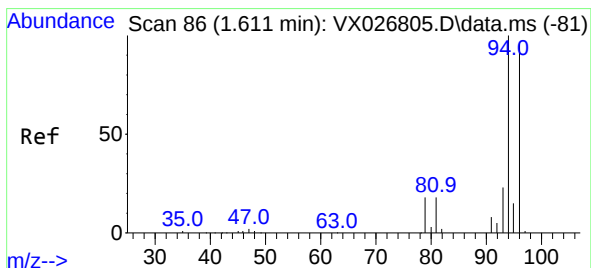
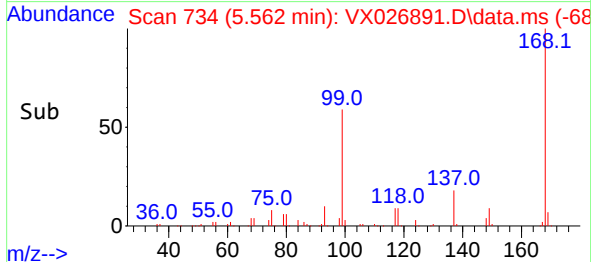
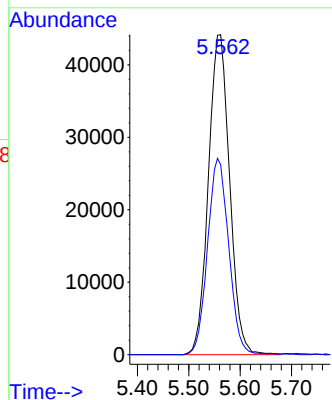


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX026891.D
Acq: 10 Feb 2022 01:01

Instrument :
MSVOA_X
ClientSampleId :

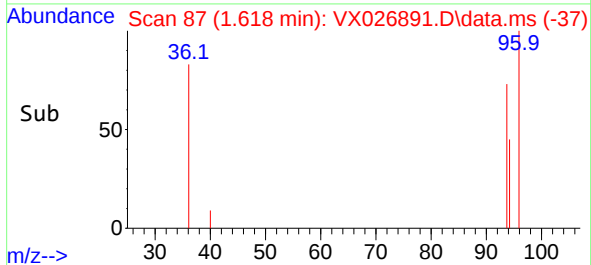
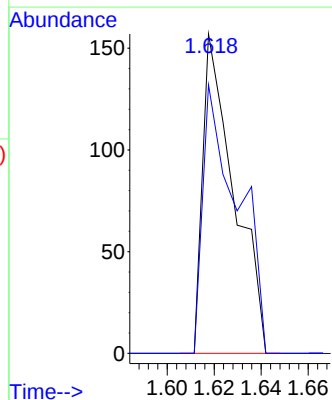
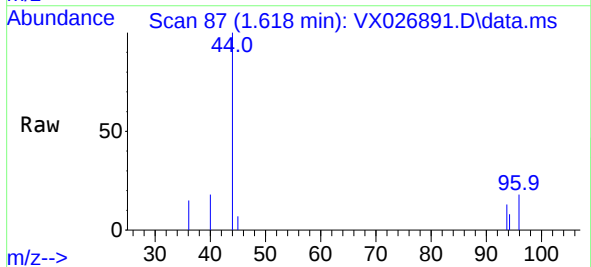


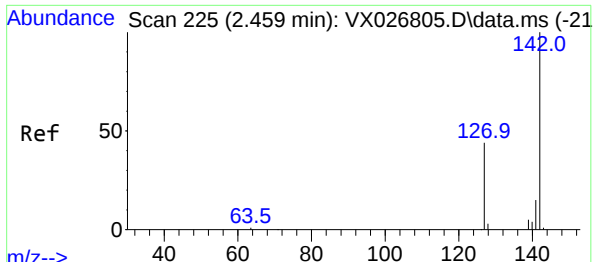
Tgt Ion:168 Resp: 126790
Ion Ratio Lower Upper
168 100
99 59.3 50.3 75.5



#5
Bromomethane
Concen: 0.255 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX026891.D
Acq: 10 Feb 2022 01:01

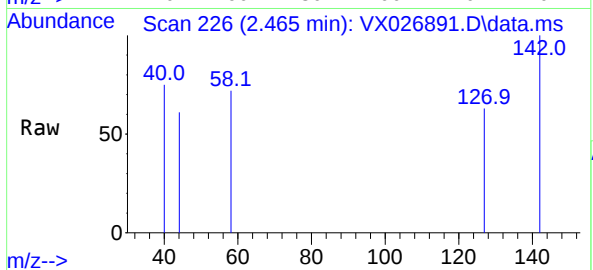
Tgt Ion: 94 Resp: 145
Ion Ratio Lower Upper
94 100
96 84.1 75.9 113.9



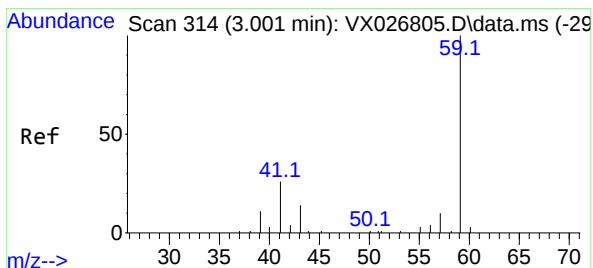
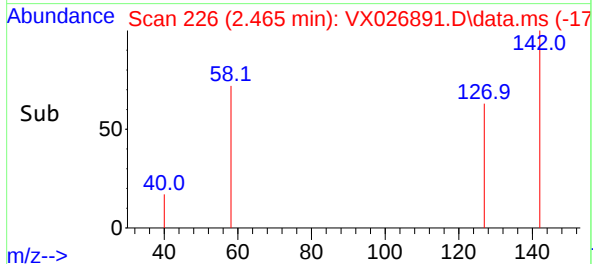
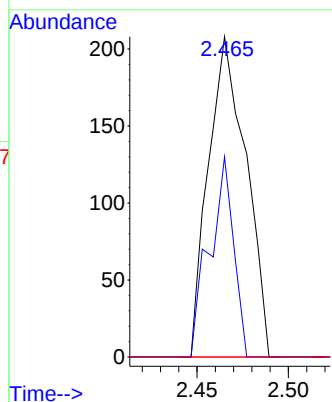


#10
Methyl Iodide
Concen: 2.412 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026891.D
Acq: 10 Feb 2022 01:01

Instrument :
MSVOA_X
ClientSampleId :

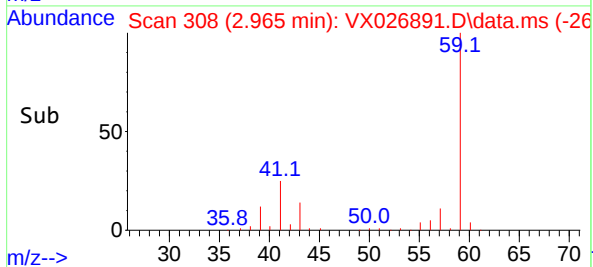
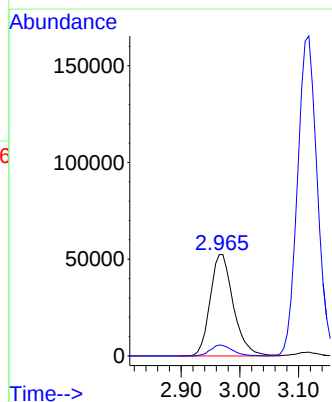
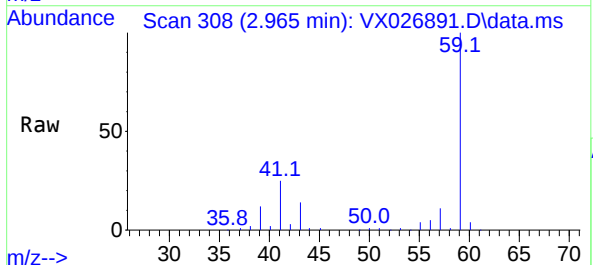


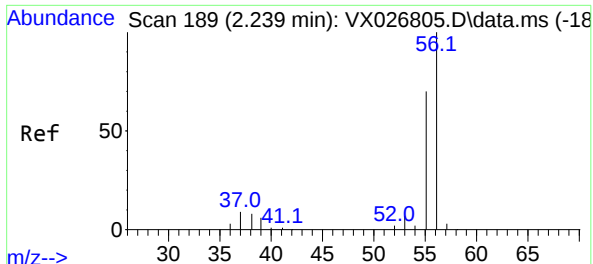
Tgt Ion:142 Resp: 298
Ion Ratio Lower Upper
142 100
127 40.3 38.1 57.1
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 524.248 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.036 min
Lab File: VX026891.D
Acq: 10 Feb 2022 01:01

Tgt Ion: 59 Resp: 144143
Ion Ratio Lower Upper
59 100
57 10.3 7.2 10.8





#13

Acrolein

Concen: 2.936 ug/l

RT: 2.300 min Scan# 14

Delta R.T. 0.061 min

Lab File: VX026891.D

Acq: 10 Feb 2022 01:01

Instrument :

MSVOA_X

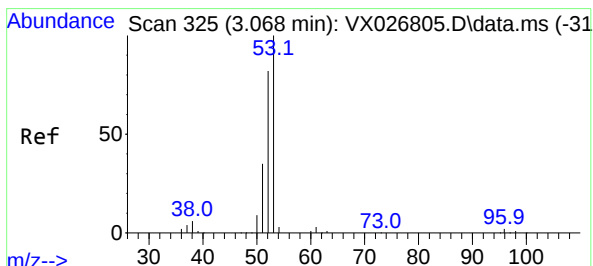
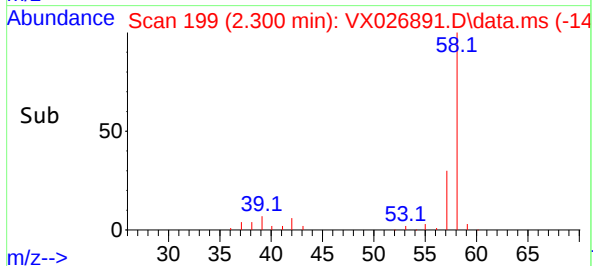
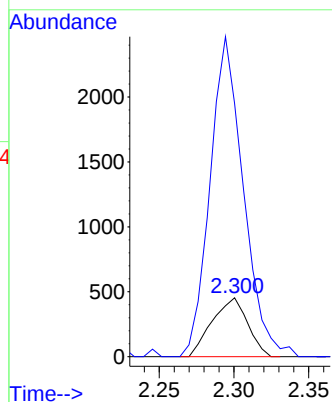
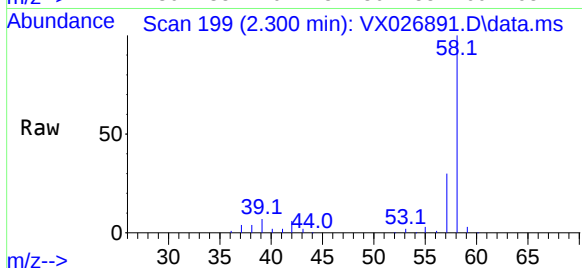
ClientSampleId :

Tgt Ion: 56 Resp: 746

Ion Ratio Lower Upper

56 100

55 513.5 56.9 85.3#



#15

Acrylonitrile

Concen: 21.882 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.049 min

Lab File: VX026891.D

Acq: 10 Feb 2022 01:01

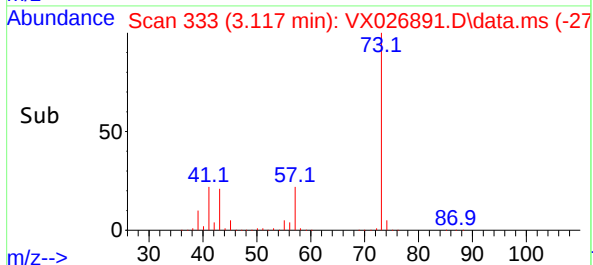
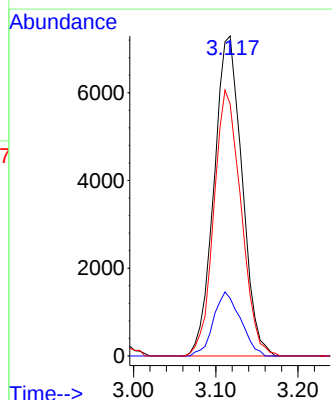
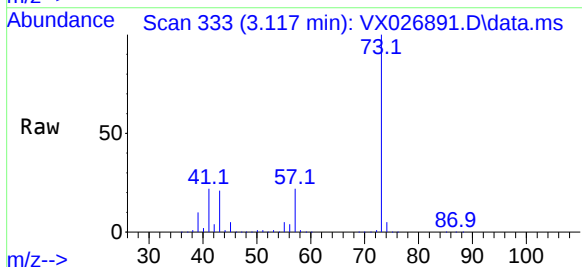
Tgt Ion: 53 Resp: 17241

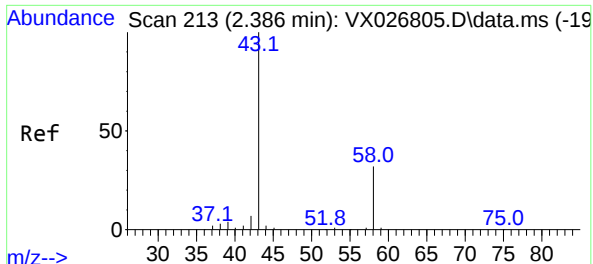
Ion Ratio Lower Upper

53 100

52 19.4 66.6 100.0#

51 81.0 29.5 44.3#

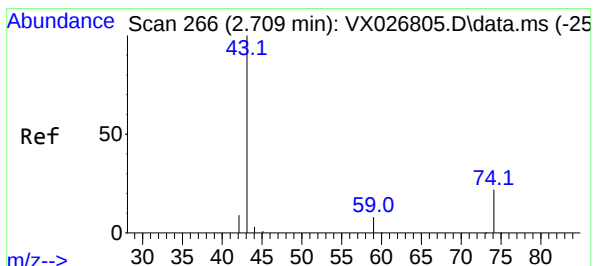
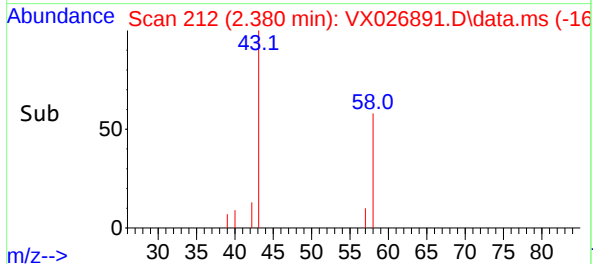
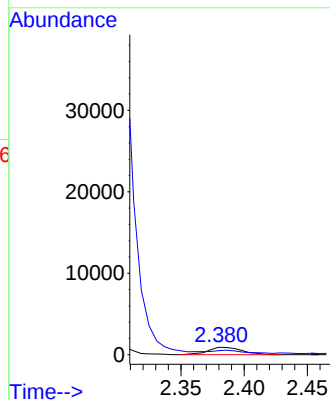
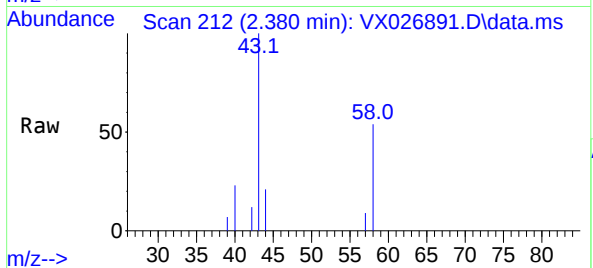




#16
Acetone
Concen: 2.540 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026891.D
Acq: 10 Feb 2022 01:01

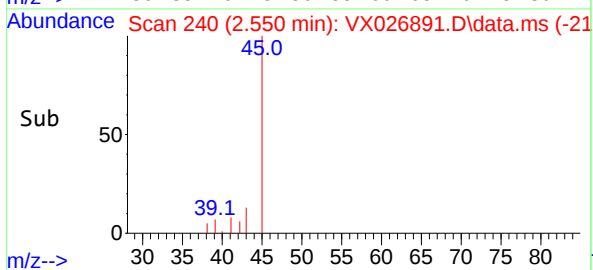
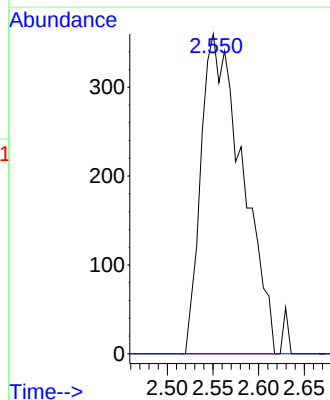
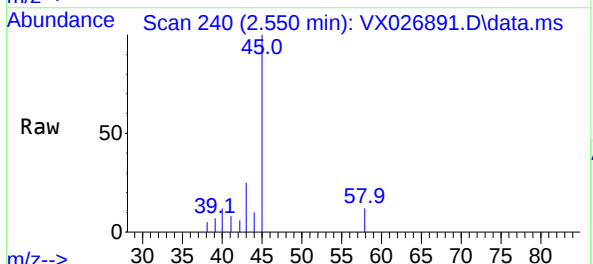
Instrument :
MSVOA_X
ClientSampleId :

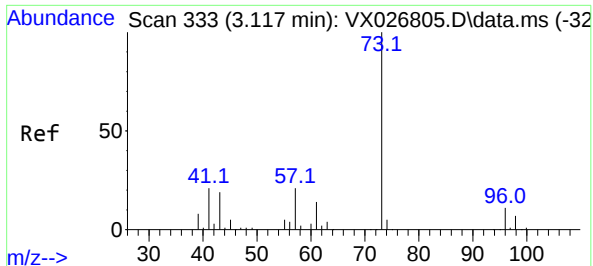
Tgt Ion: 43 Resp: 1698
Ion Ratio Lower Upper
43 100
58 31.1 23.0 34.6



#18
Methyl Acetate
Concen: 0.591 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.158 min
Lab File: VX026891.D
Acq: 10 Feb 2022 01:01

Tgt Ion: 43 Resp: 1136
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#

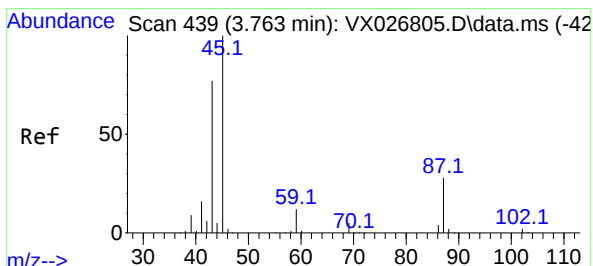
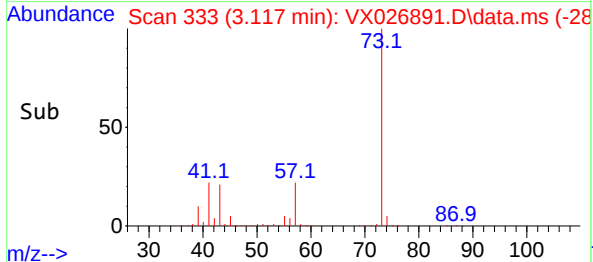
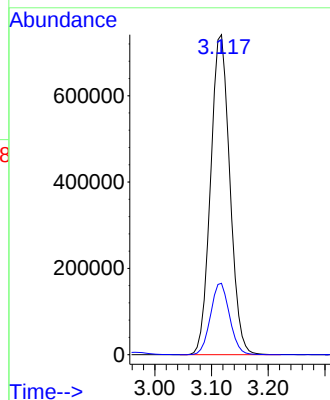
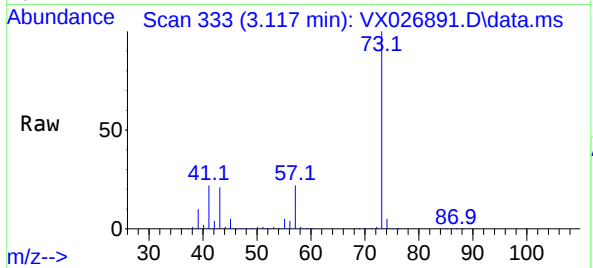




#19
Methyl tert-butyl Ether
Concen: 380.254 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX026891.D
Acq: 10 Feb 2022 01:01

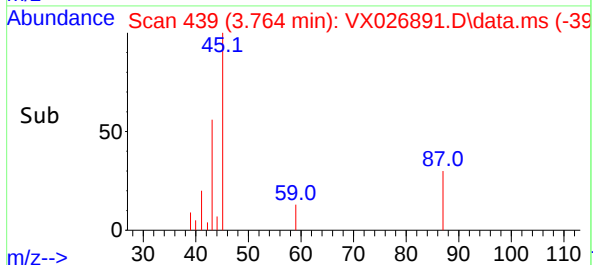
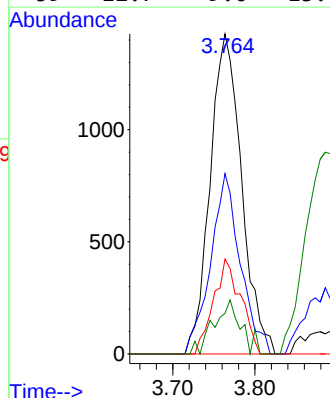
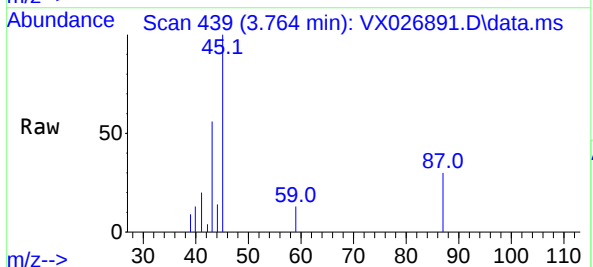
Instrument :
MSVOA_X
ClientSampleId :

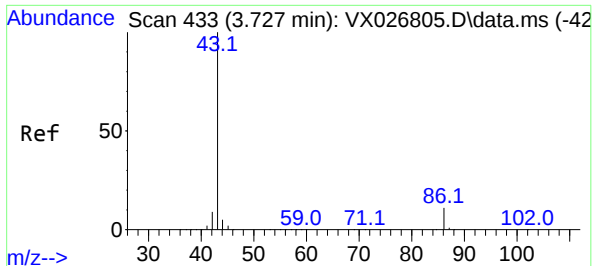
Tgt Ion: 73 Resp: 1746482
Ion Ratio Lower Upper
73 100
57 22.3 17.4 26.2



#22
Diisopropyl ether
Concen: 0.820 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX026891.D
Acq: 10 Feb 2022 01:01

Tgt Ion: 45 Resp: 3795
Ion Ratio Lower Upper
45 100
43 56.3 60.6 91.0#
87 29.6 22.0 33.0
59 12.7 9.0 13.4

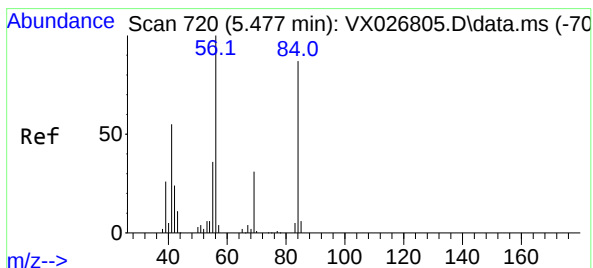
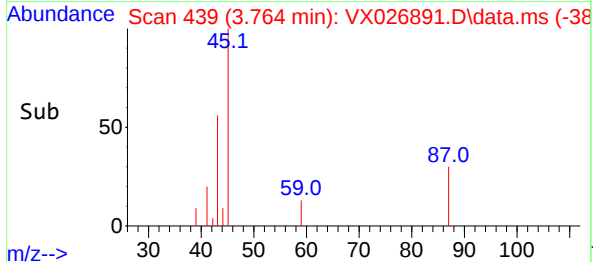
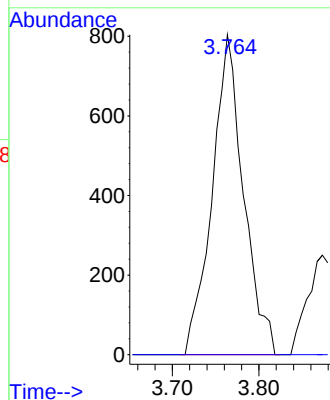
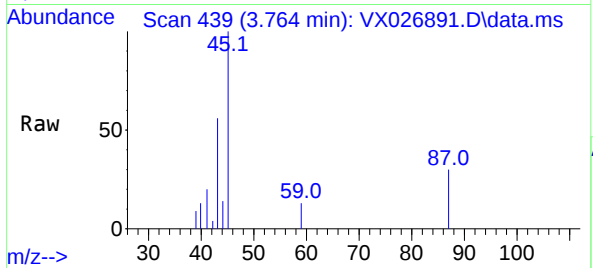




#23
 Vinyl Acetate
 Concen: 0.519 ug/l
 RT: 3.764 min Scan# 41
 Delta R.T. 0.037 min
 Lab File: VX026891.D
 Acq: 10 Feb 2022 01:01

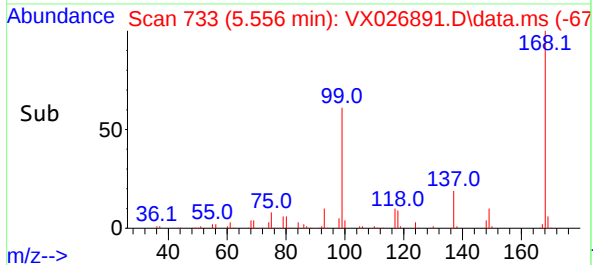
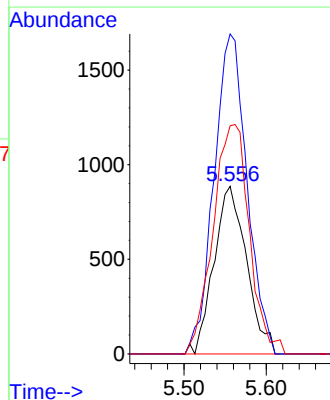
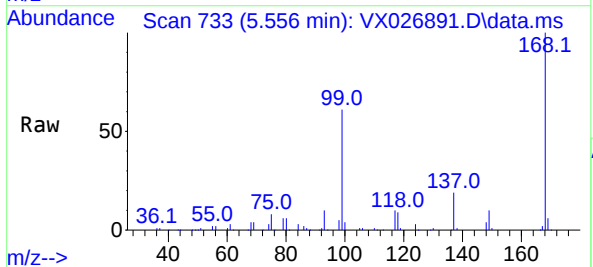
Instrument :
 MSVOA_X
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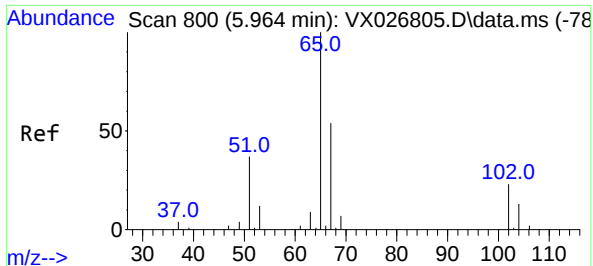
Tgt Ion: 43 Resp: 2019
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.1 12.1#



#31
 Cyclohexane
 Concen: 1.009 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. 0.079 min
 Lab File: VX026891.D
 Acq: 10 Feb 2022 01:01

Tgt Ion: 56 Resp: 2441
 Ion Ratio Lower Upper
 56 100
 69 190.9 25.8 38.6#
 84 136.1 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 53.705 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026891.D

Acq: 10 Feb 2022 01:01

Instrument :

MSVOA_X

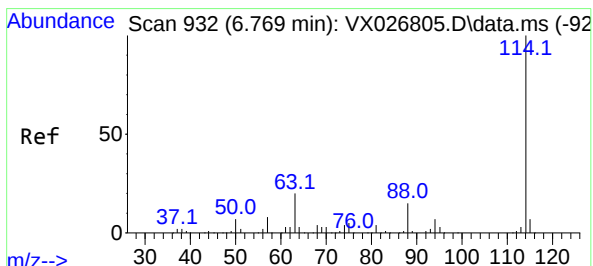
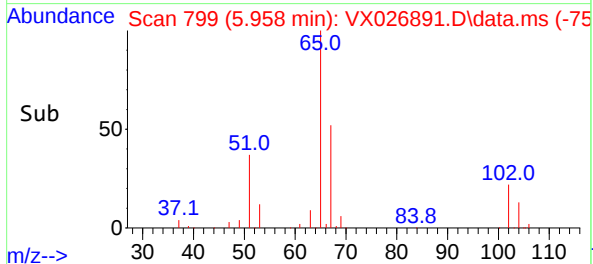
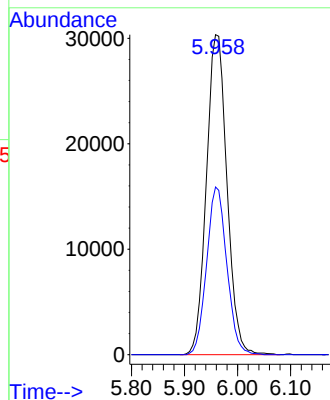
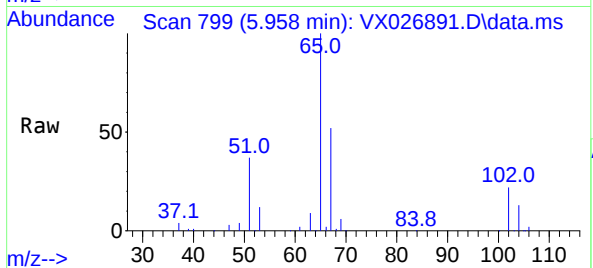
ClientSampleId :

Tgt Ion: 65 Resp: 81738

Ion Ratio Lower Upper

65 100

67 51.4 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026891.D

Acq: 10 Feb 2022 01:01

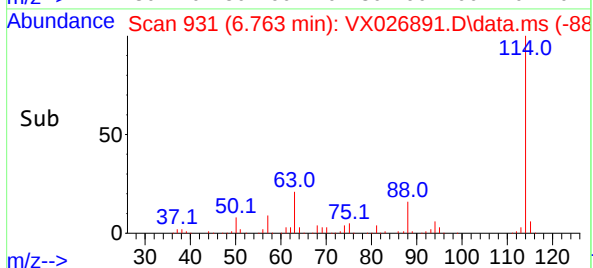
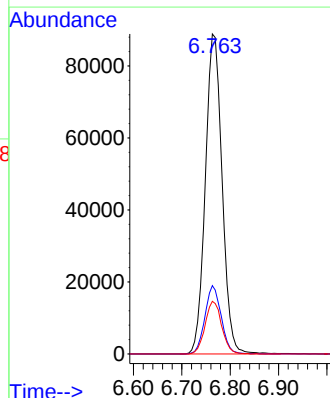
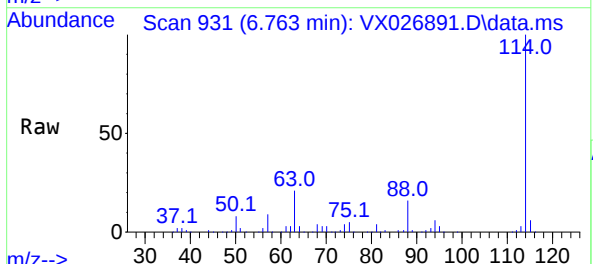
Tgt Ion: 114 Resp: 214498

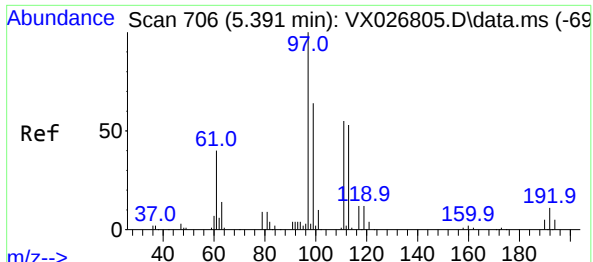
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.8

88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.241 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

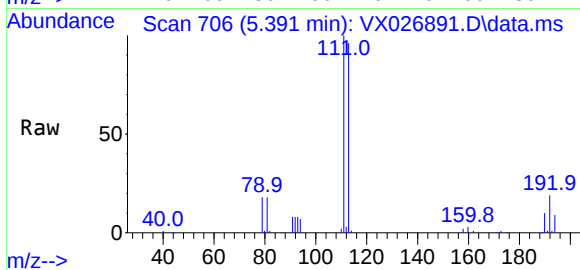
Lab File: VX026891.D

Acq: 10 Feb 2022 01:01

Instrument :

MSVOA_X

ClientSampleId :



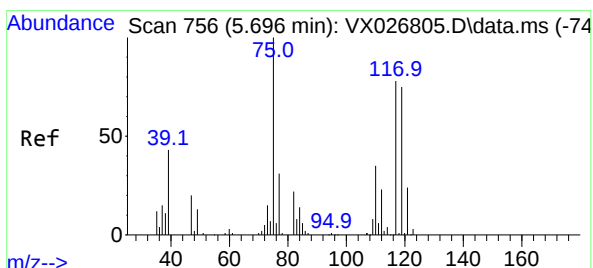
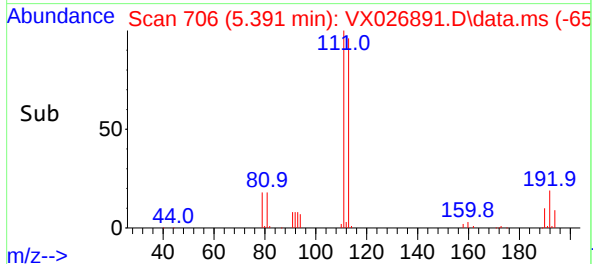
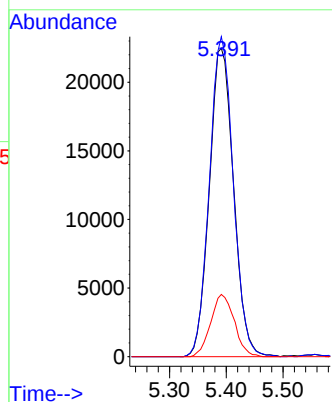
Tgt Ion:113 Resp: 66761

Ion Ratio Lower Upper

113 100

111 102.2 81.2 121.8

192 19.6 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.939 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX026891.D

Acq: 10 Feb 2022 01:01

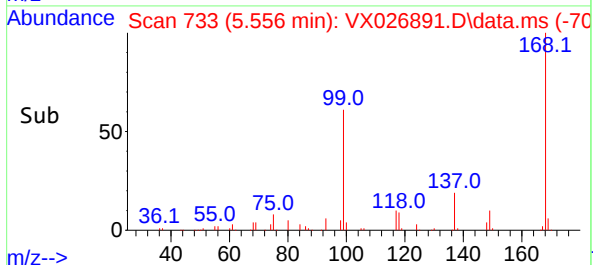
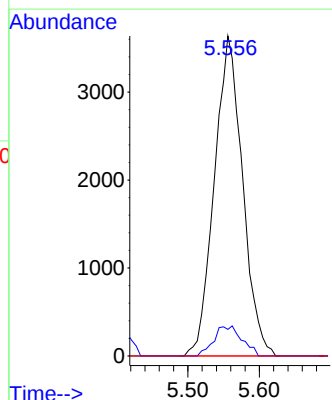
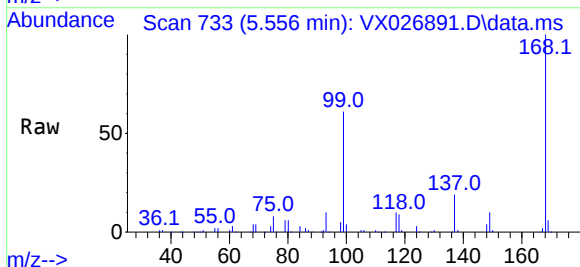
Tgt Ion: 75 Resp: 9957

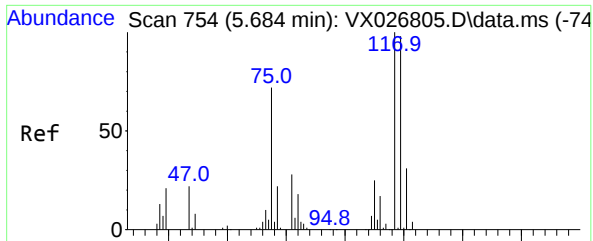
Ion Ratio Lower Upper

75 100

110 9.3 17.2 51.6#

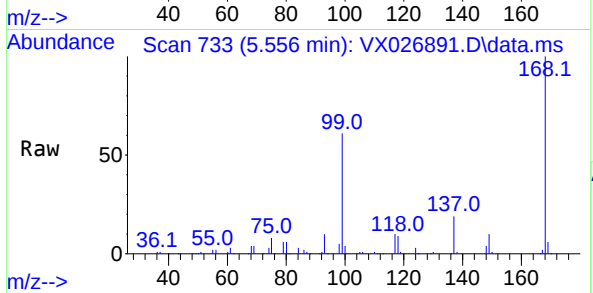
77 0.0 24.6 36.8#



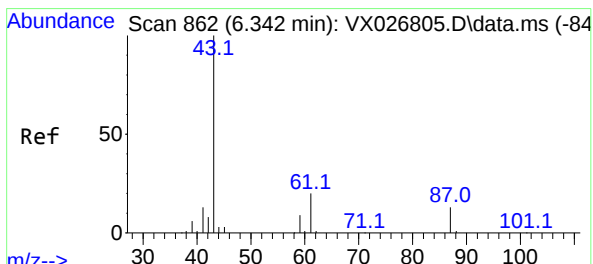
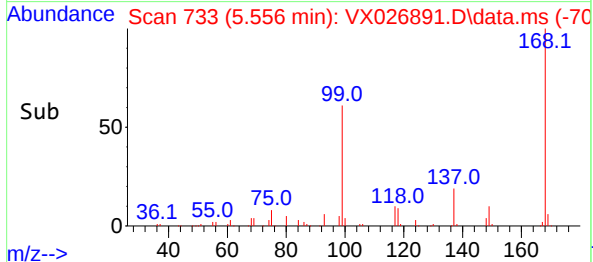
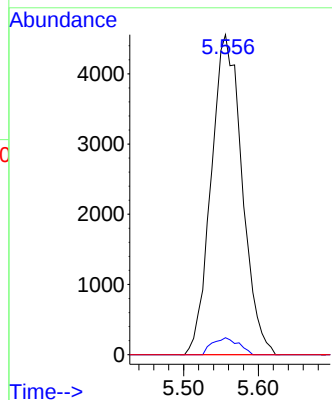


#38
Carbon Tetrachloride
Concen: 6.194 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026891.D
Acq: 10 Feb 2022 01:01

Instrument :
MSVOA_X
ClientSampleId :

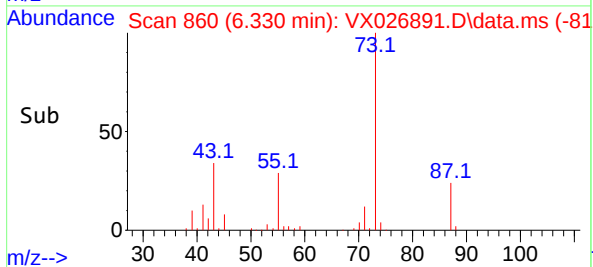
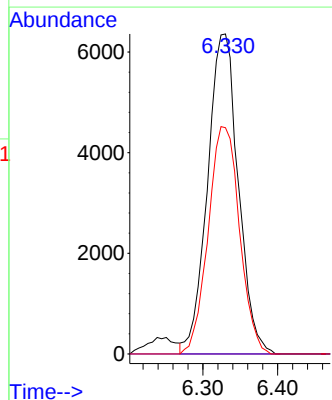
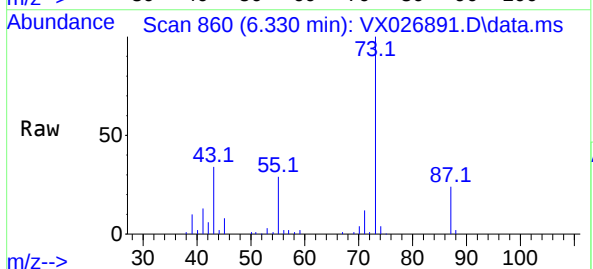


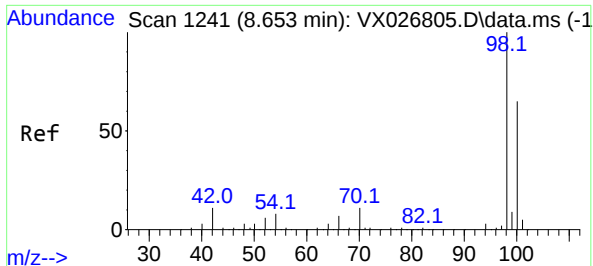
Tgt Ion:117 Resp: 13095
Ion Ratio Lower Upper
117 100
119 5.3 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 5.161 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.012 min
Lab File: VX026891.D
Acq: 10 Feb 2022 01:01

Tgt Ion: 43 Resp: 18194
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 72.3 10.2 15.2#

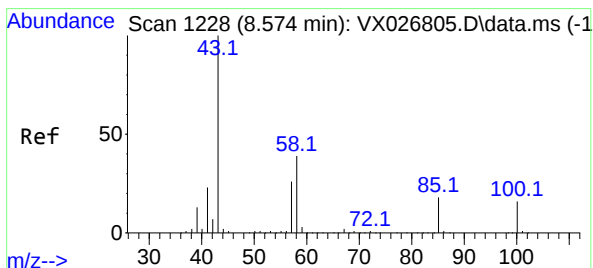
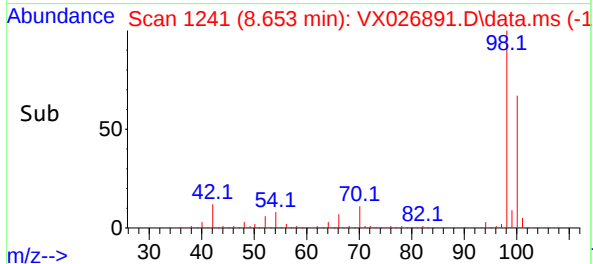
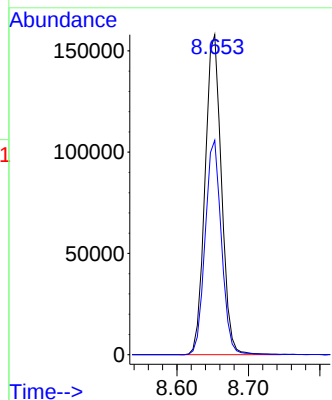
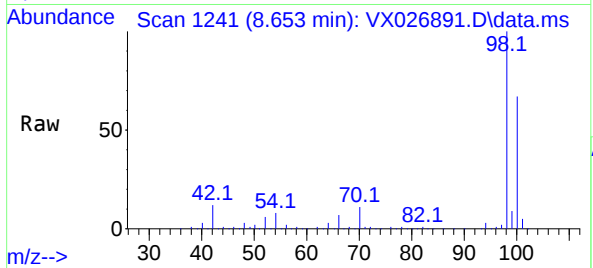




#50
Toluene-d8
Concen: 53.635 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026891.D
Acq: 10 Feb 2022 01:01

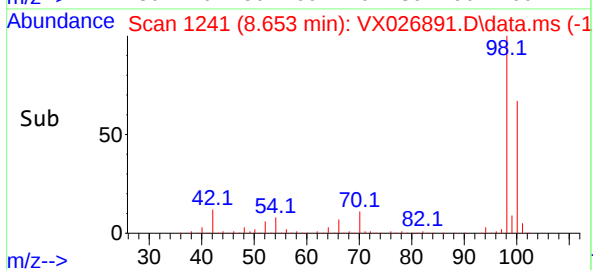
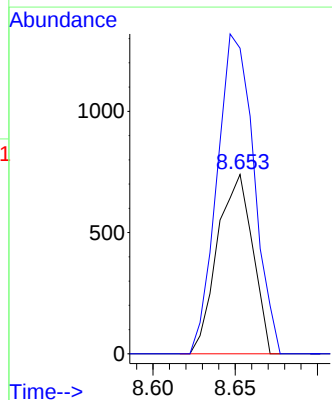
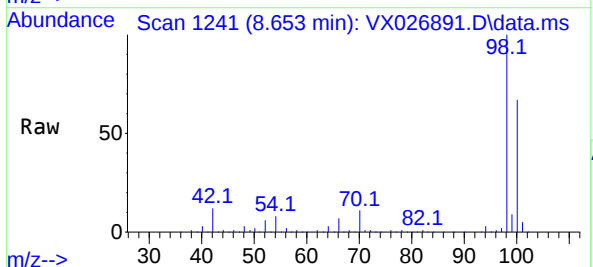
Instrument :
MSVOA_X
ClientSampleId :

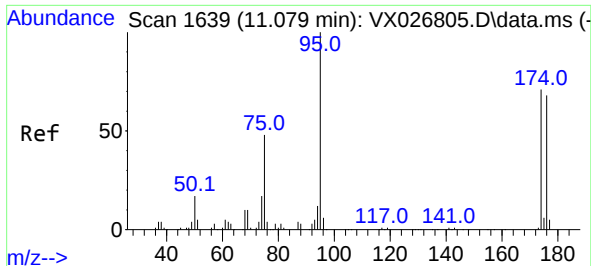
Tgt Ion: 98 Resp: 251601
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.516 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX026891.D
Acq: 10 Feb 2022 01:01

Tgt Ion: 43 Resp: 1103
Ion Ratio Lower Upper
43 100
58 186.1 30.5 45.7#

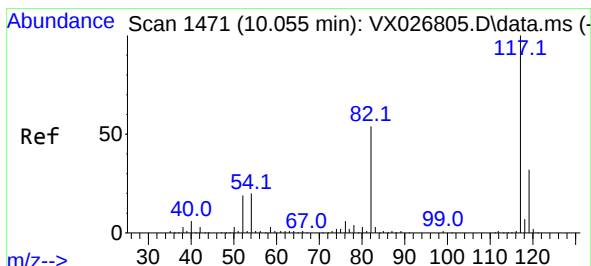
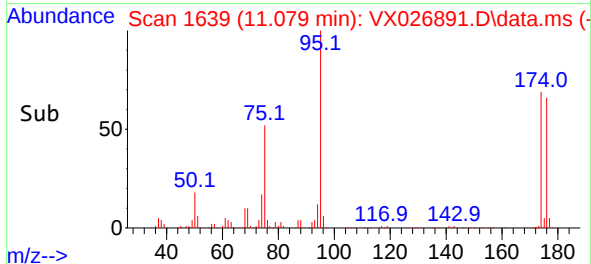
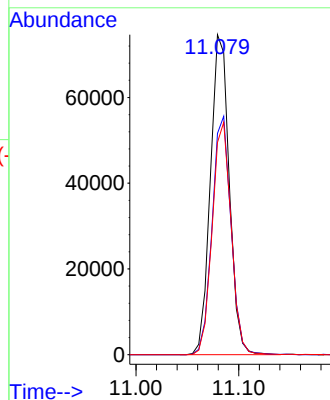
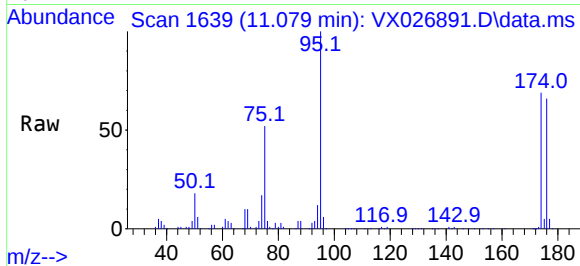




#62
4-Bromofluorobenzene
Concen: 57.443 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026891.D
Acq: 10 Feb 2022 01:01

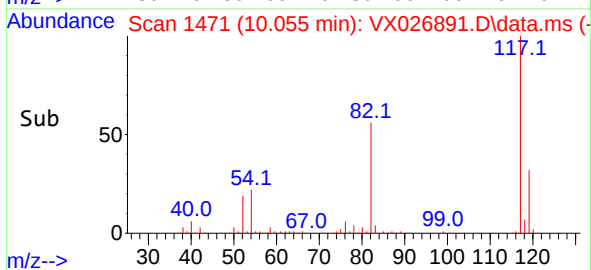
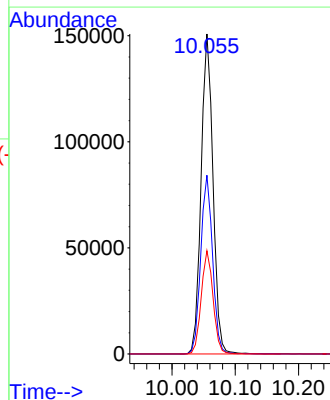
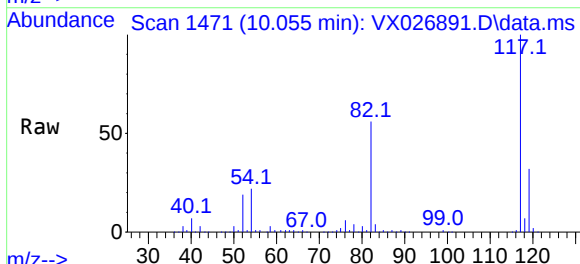
Instrument :
MSVOA_X
ClientSampleId :

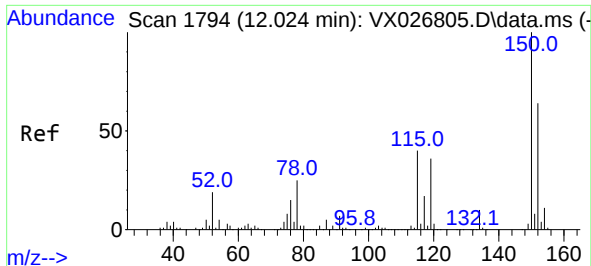
Tgt Ion: 95 Resp: 94868
Ion Ratio Lower Upper
95 100
174 74.8 0.0 148.6
176 72.8 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026891.D
Acq: 10 Feb 2022 01:01

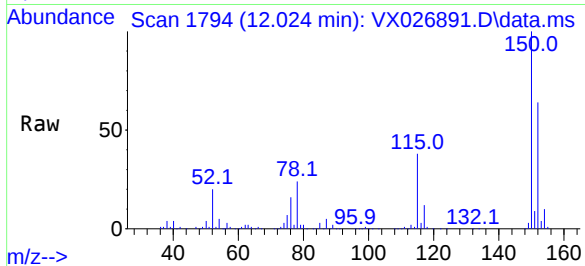
Tgt Ion: 117 Resp: 197495
Ion Ratio Lower Upper
117 100
82 55.8 45.2 67.8
119 32.3 26.2 39.2



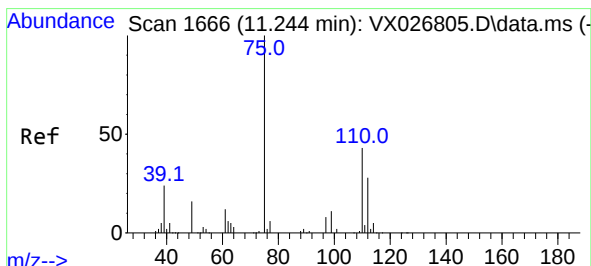
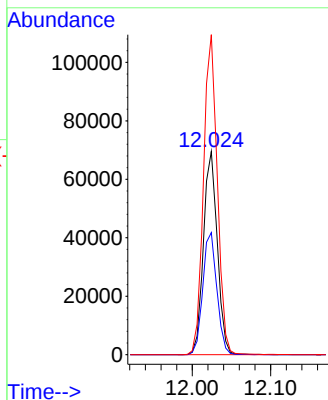
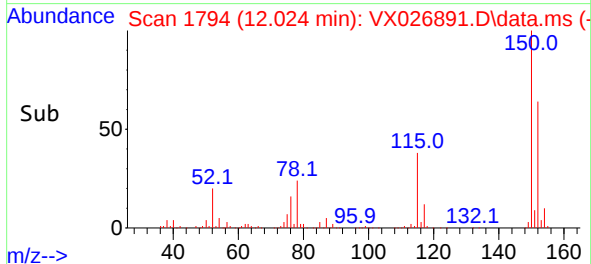


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026891.D
Acq: 10 Feb 2022 01:01

Instrument :
MSVOA_X
ClientSampleId :

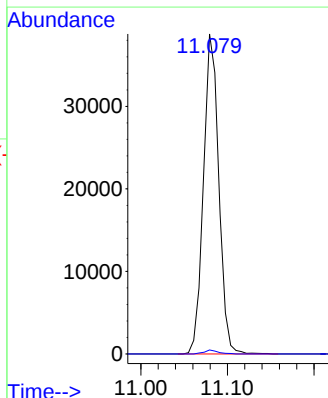
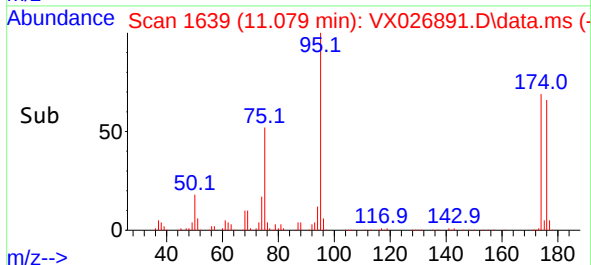
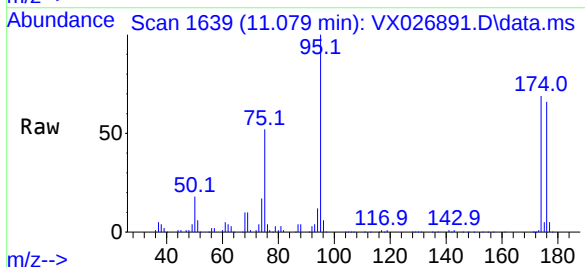


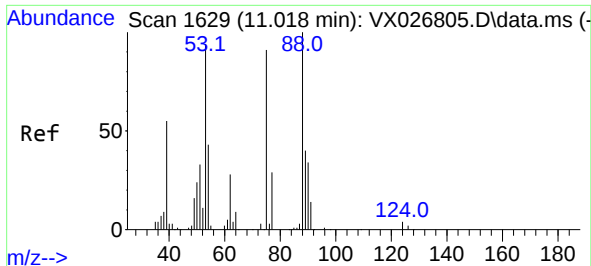
Tgt Ion:152 Resp: 85171
Ion Ratio Lower Upper
152 100
115 61.1 44.2 132.6
150 157.0 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 25.569 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026891.D
Acq: 10 Feb 2022 01:01

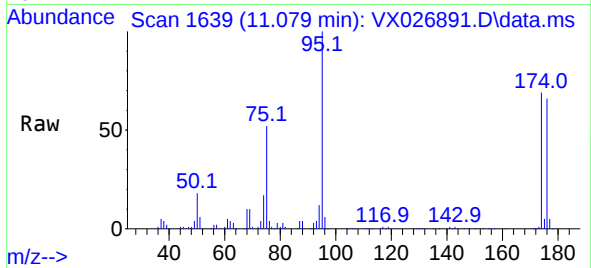
Tgt Ion: 75 Resp: 47672
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.915 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX026891.D
 Acq: 10 Feb 2022 01:01

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 47672
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

