

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030122\
 Data File : VX027246.D
 Acq On : 01 Mar 2022 14:19
 Operator : JC/MD
 Sample : N1688-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 02 00:34:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

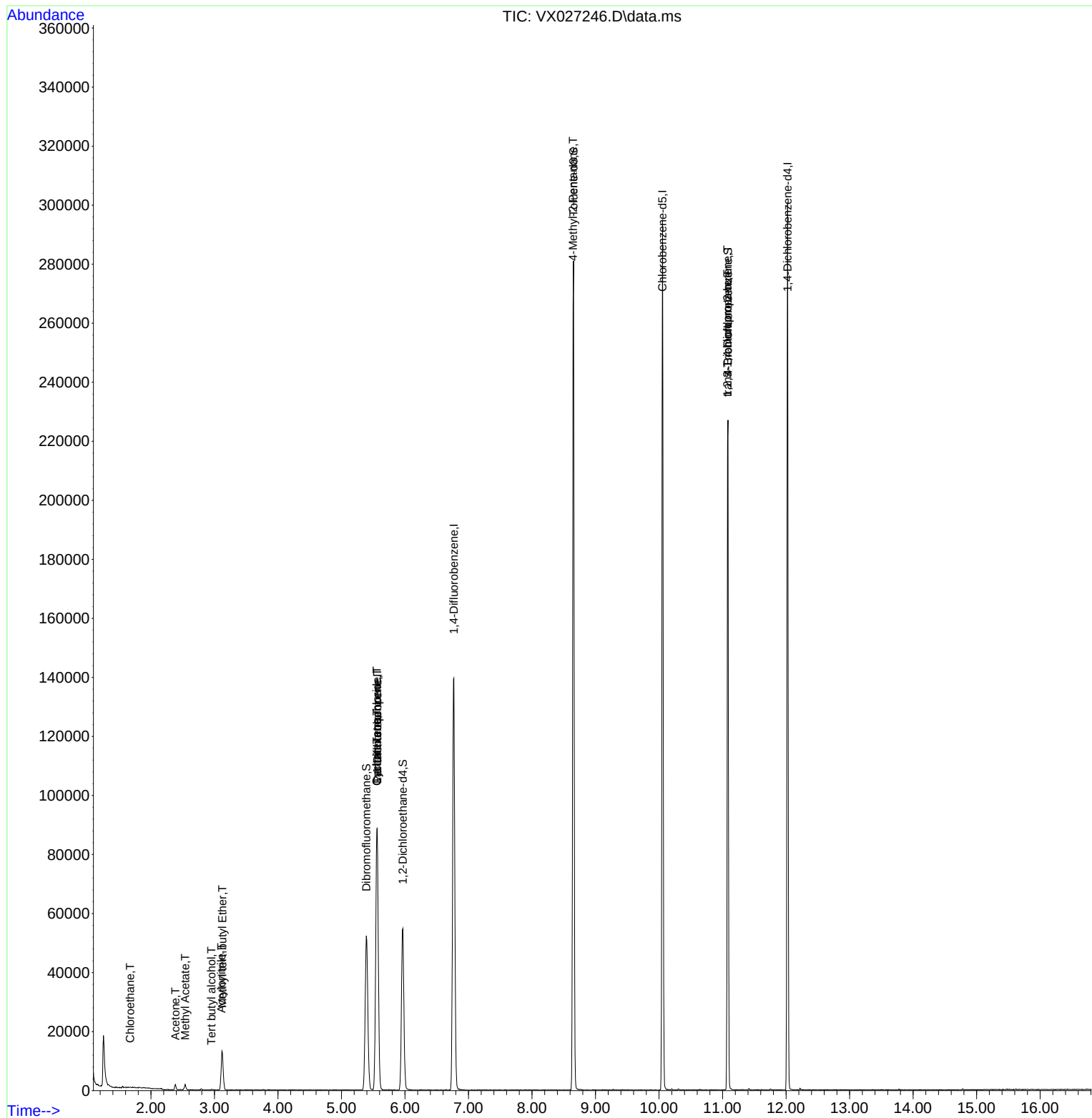
Internal Standards						
1) Pentafluorobenzene	5.562	168	87514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	148950	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53839	51.224	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.440%	
35) Dibromofluoromethane	5.391	113	46433	50.222	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.440%	
50) Toluene-d8	8.653	98	169418	49.007	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.020%	
62) 4-Bromofluorobenzene	11.085	95	63262	47.673	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.340%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.672	64	272	0.547	ug/l #	43
11) Tert butyl alcohol	2.953	59	302	1.477	ug/l #	75
15) Acrylonitrile	3.111	53	116	0.221	ug/l #	21
16) Acetone	2.386	43	1902	4.122	ug/l	91
18) Methyl Acetate	2.538	43	485	0.407	ug/l #	53
19) Methyl tert-butyl Ether	3.123	73	14322	4.899	ug/l	96
31) Cyclohexane	5.556	56	1530	0.972	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	6007	4.452	ug/l #	51
38) Carbon Tetrachloride	5.556	117	8538	6.067	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	659	0.445	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	30747	24.515	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	30747	69.528	ug/l #	3

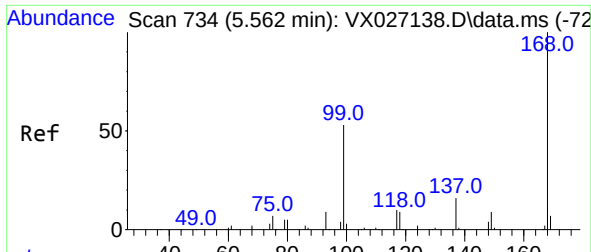
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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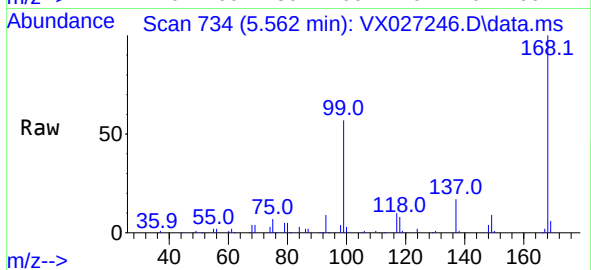
Quant Time: Mar 02 00:34:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 23 13:06:57 2022
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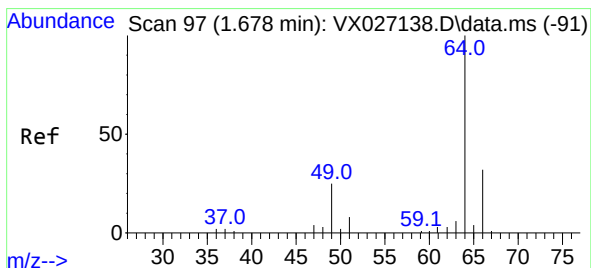
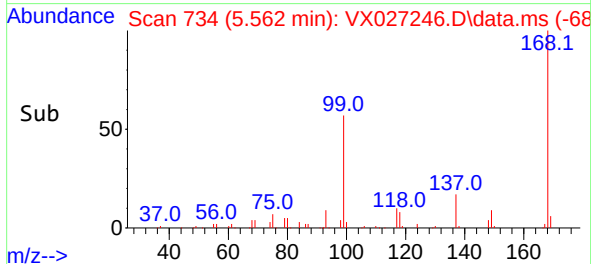
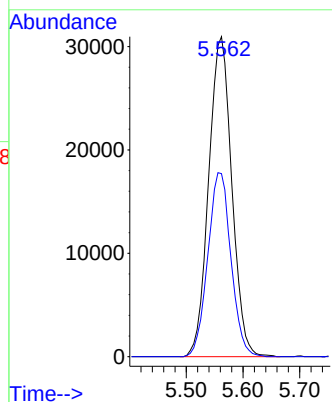


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027246.D
Acq: 01 Mar 2022 14:19

Instrument :
MSVOA_X
ClientSampleId :

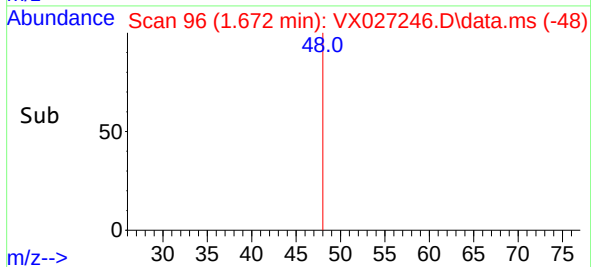
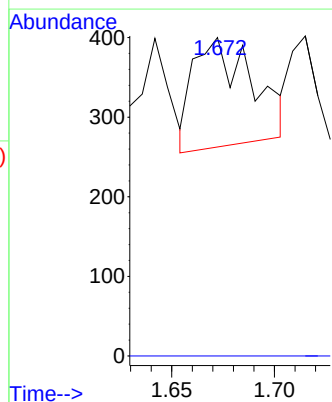
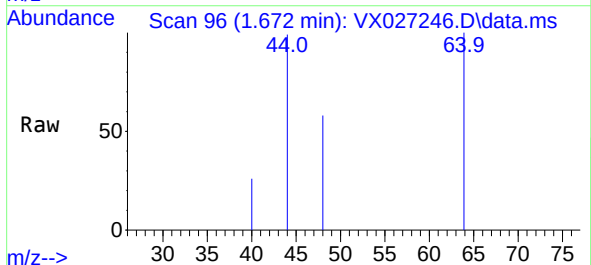


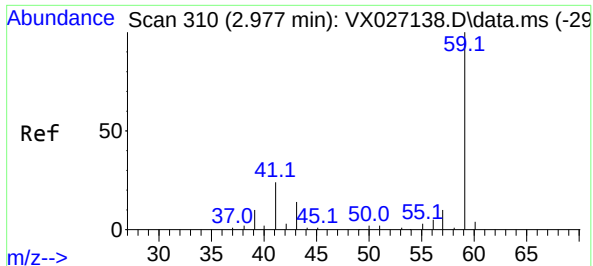
Tgt Ion:168 Resp: 87514
Ion Ratio Lower Upper
168 100
99 57.2 50.3 75.5



#6
Chloroethane
Concen: 0.547 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX027246.D
Acq: 01 Mar 2022 14:19

Tgt Ion: 64 Resp: 272
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 1.477 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.024 min

Lab File: VX027246.D

Acq: 01 Mar 2022 14:19

Instrument :

MSVOA_X

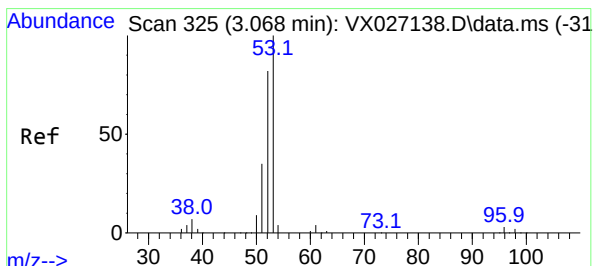
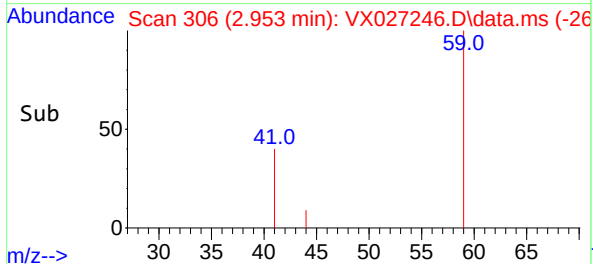
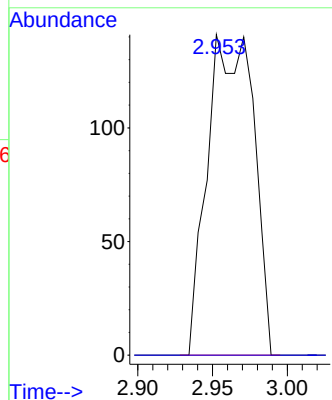
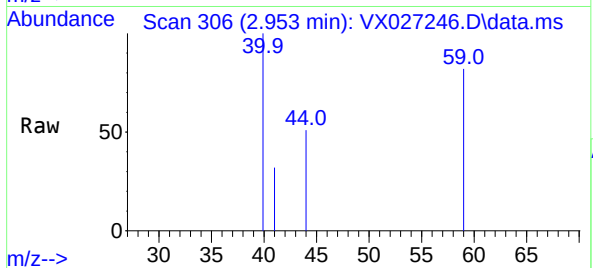
ClientSampleId :

Tgt Ion: 59 Resp: 302

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#15

Acrylonitrile

Concen: 0.221 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.043 min

Lab File: VX027246.D

Acq: 01 Mar 2022 14:19

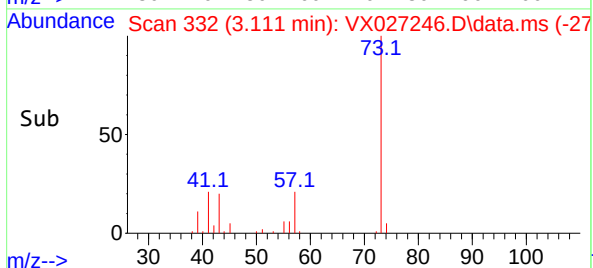
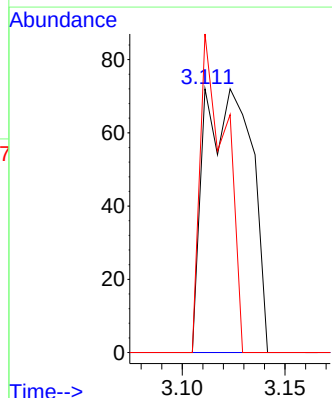
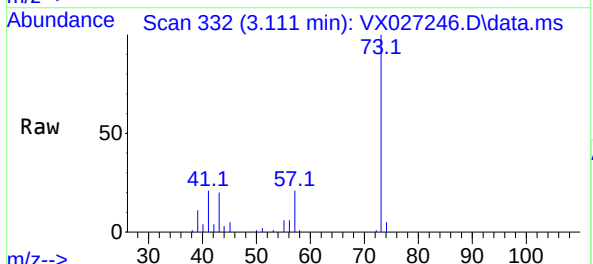
Tgt Ion: 53 Resp: 116

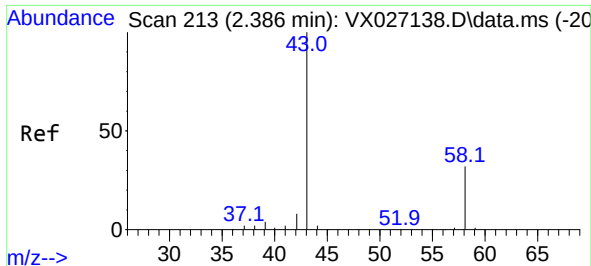
Ion Ratio Lower Upper

53 100

52 0.0 66.6 100.0#

51 65.5 29.5 44.3#

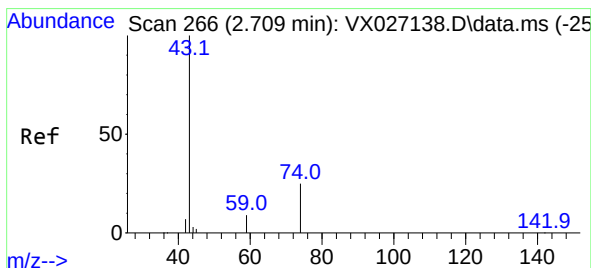
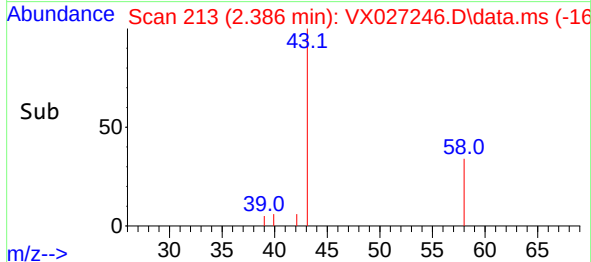
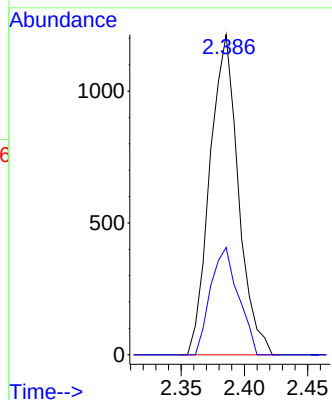
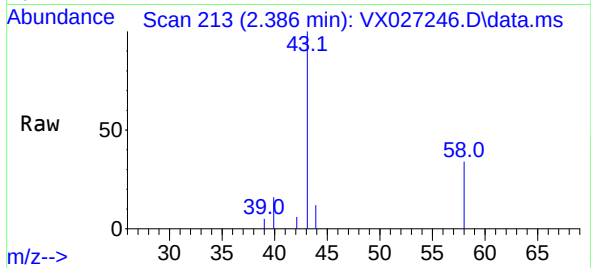




#16
Acetone
Concen: 4.122 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX027246.D
Acq: 01 Mar 2022 14:19

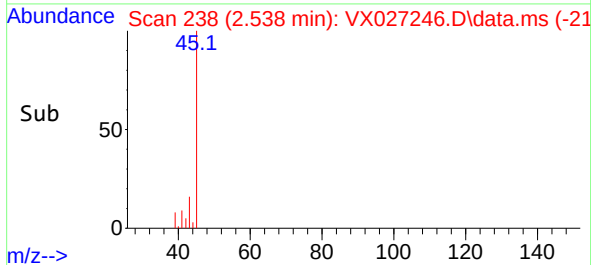
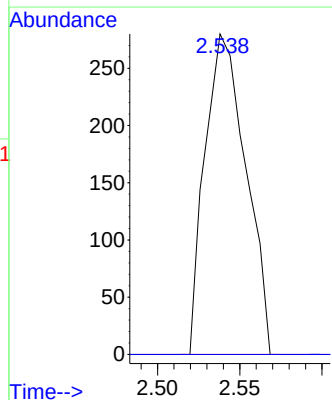
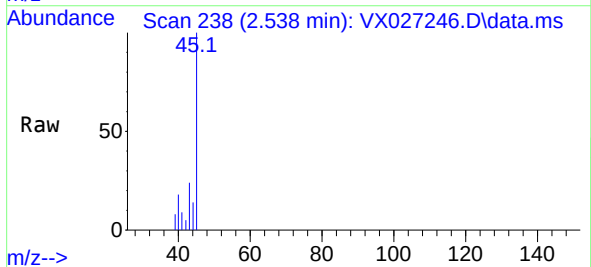
Instrument :
MSVOA_X
ClientSampleId :

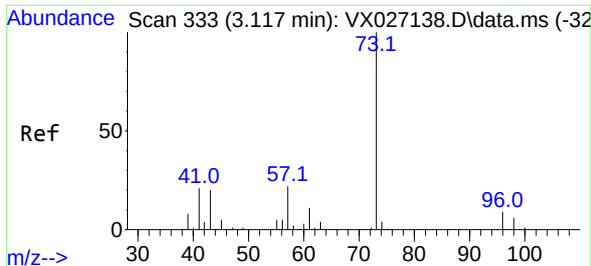
Tgt Ion: 43 Resp: 1902
Ion Ratio Lower Upper
43 100
58 33.5 23.0 34.6



#18
Methyl Acetate
Concen: 0.407 ug/l
RT: 2.538 min Scan# 238
Delta R.T. -0.171 min
Lab File: VX027246.D
Acq: 01 Mar 2022 14:19

Tgt Ion: 43 Resp: 485
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#

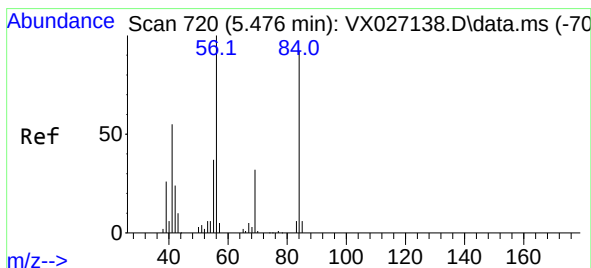
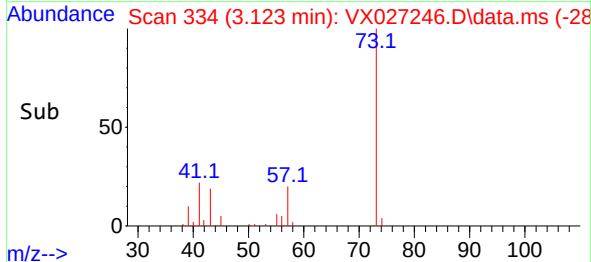
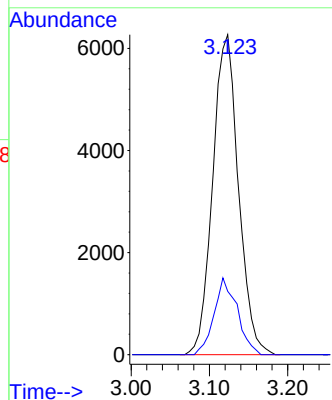
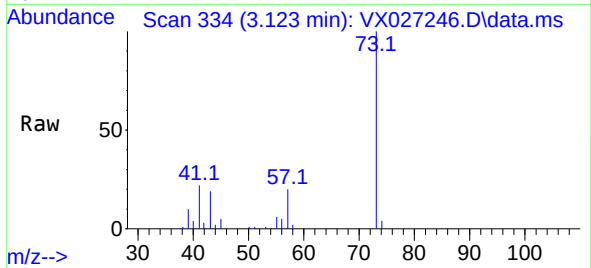




#19
Methyl tert-butyl Ether
Concen: 4.899 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX027246.D
Acq: 01 Mar 2022 14:19

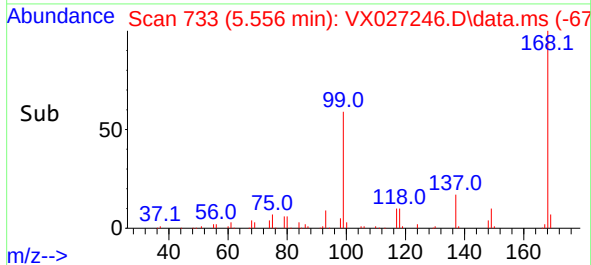
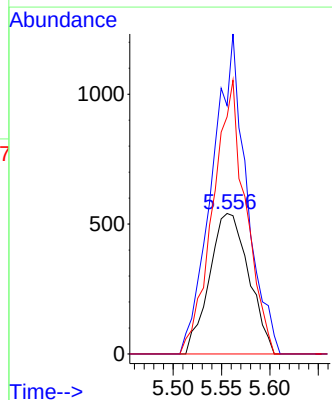
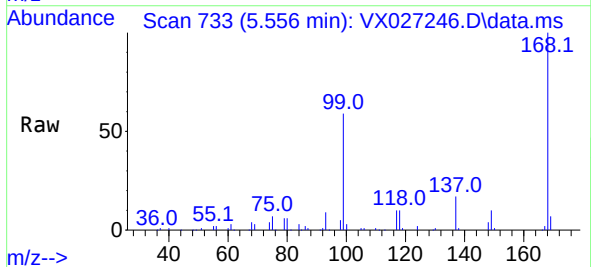
Instrument :
MSVOA_X
ClientSampleId :

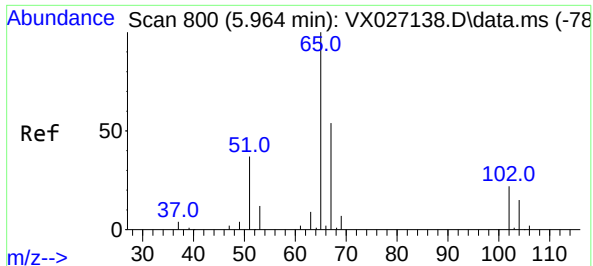
Tgt Ion: 73 Resp: 14322
Ion Ratio Lower Upper
73 100
57 19.8 17.4 26.2



#31
Cyclohexane
Concen: 0.972 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.080 min
Lab File: VX027246.D
Acq: 01 Mar 2022 14:19

Tgt Ion: 56 Resp: 1530
Ion Ratio Lower Upper
56 100
69 176.7 25.8 38.6#
84 180.6 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 51.224 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027246.D

Acq: 01 Mar 2022 14:19

Instrument :

MSVOA_X

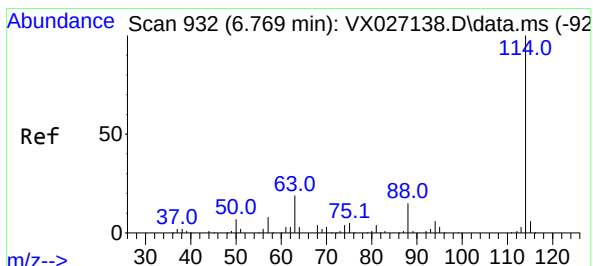
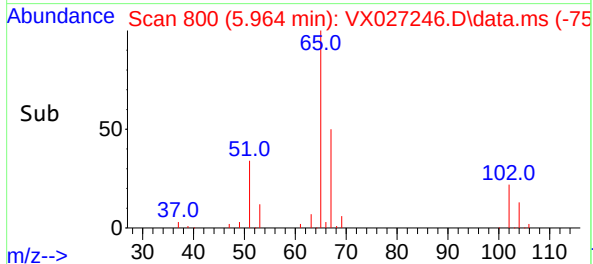
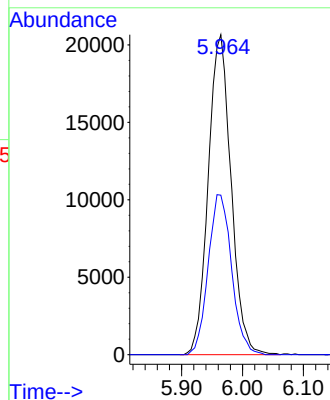
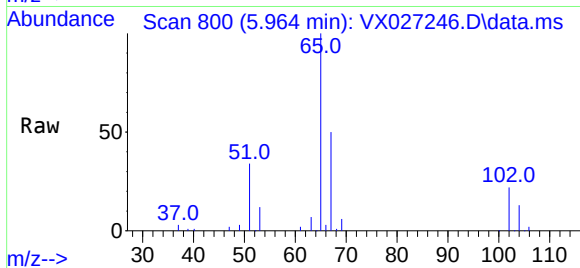
ClientSampleId :

Tgt Ion: 65 Resp: 53839

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX027246.D

Acq: 01 Mar 2022 14:19

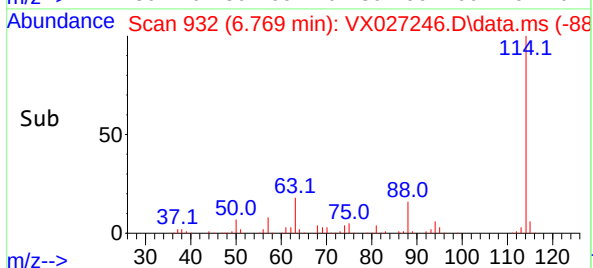
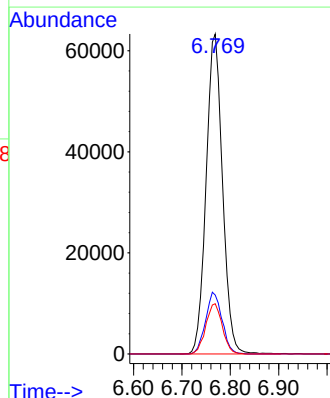
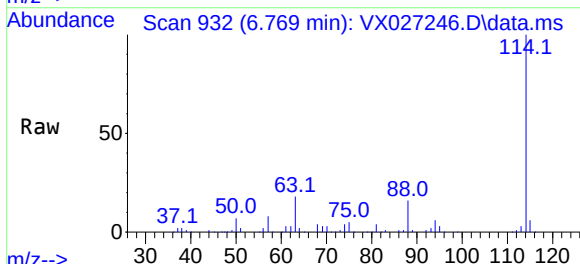
Tgt Ion:114 Resp: 148950

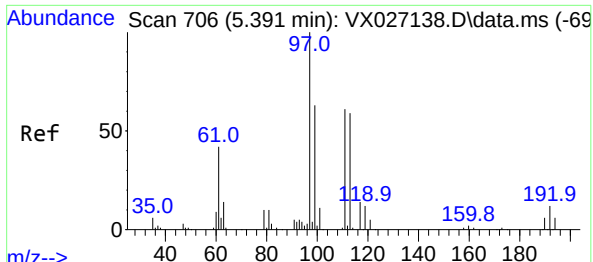
Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.8

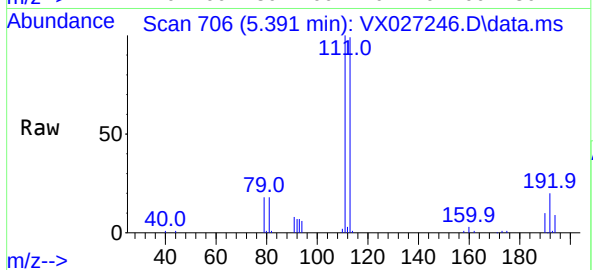
88 15.7 0.0 33.0



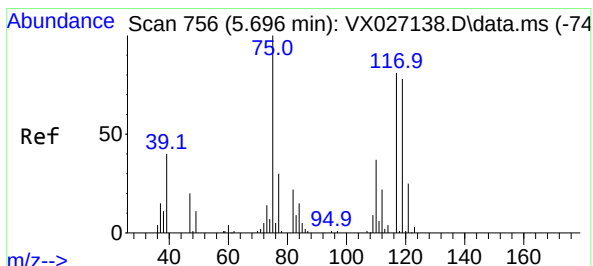
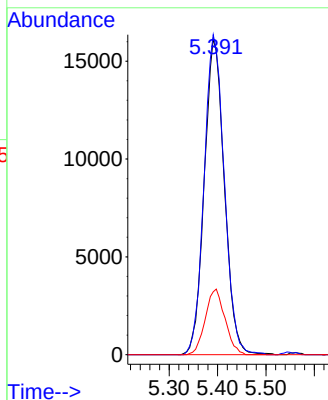
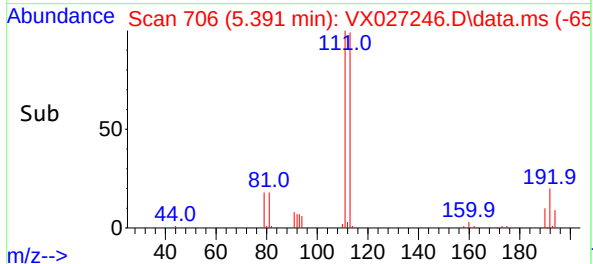


#35
Dibromofluoromethane
Concen: 50.222 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027246.D
Acq: 01 Mar 2022 14:19

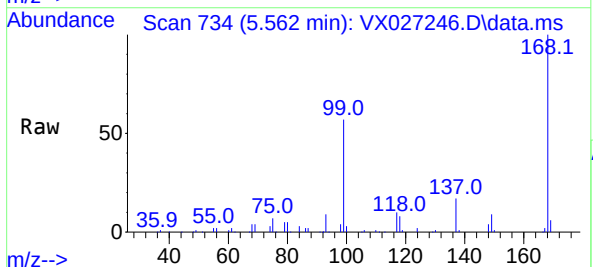
Instrument :
MSVOA_X
ClientSampleId :



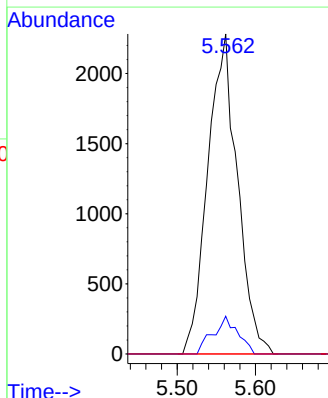
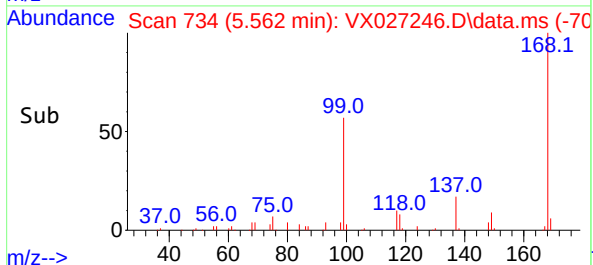
Tgt Ion:113 Resp: 46433
Ion Ratio Lower Upper
113 100
111 102.2 81.2 121.8
192 20.4 15.0 22.4

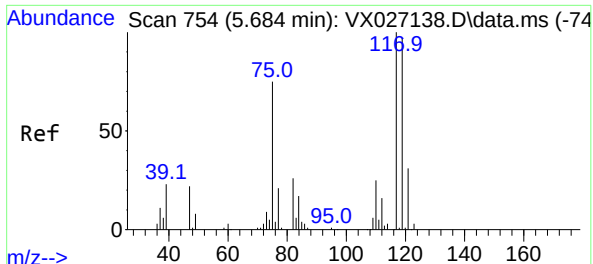


#36
1,1-Dichloropropene
Concen: 4.452 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX027246.D
Acq: 01 Mar 2022 14:19



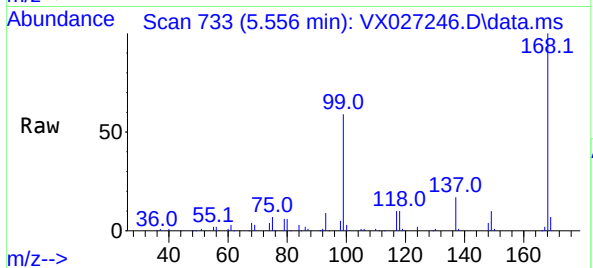
Tgt Ion: 75 Resp: 6007
Ion Ratio Lower Upper
75 100
110 9.8 17.2 51.6#
77 0.0 24.6 36.8#



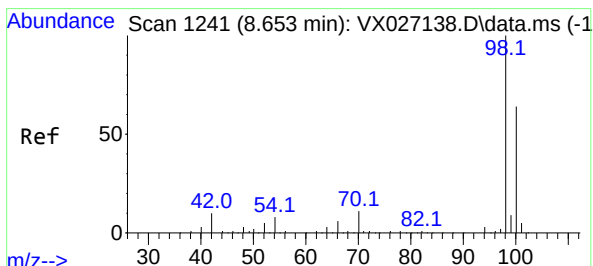
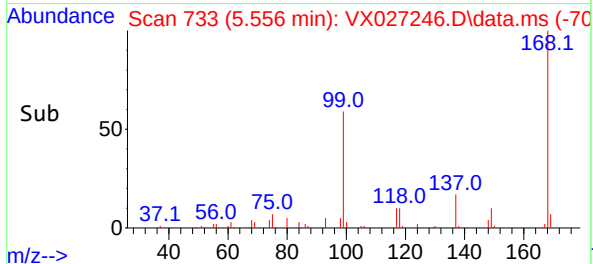
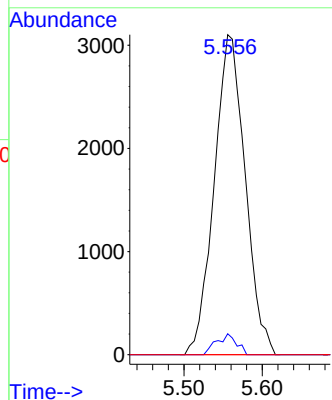


#38
Carbon Tetrachloride
Concen: 6.067 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX027246.D
Acq: 01 Mar 2022 14:19

Instrument :
MSVOA_X
ClientSampleId :

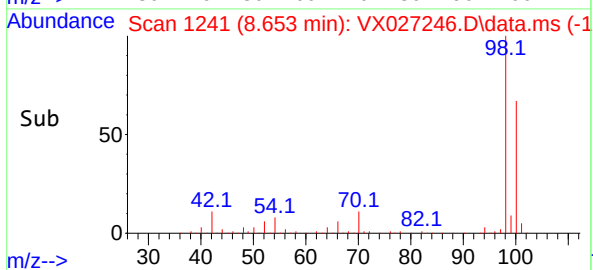
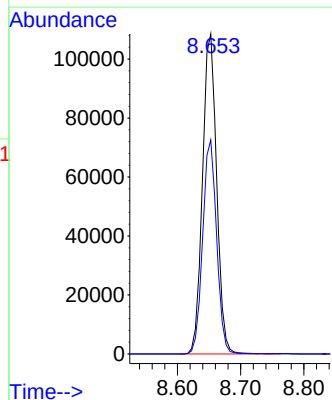
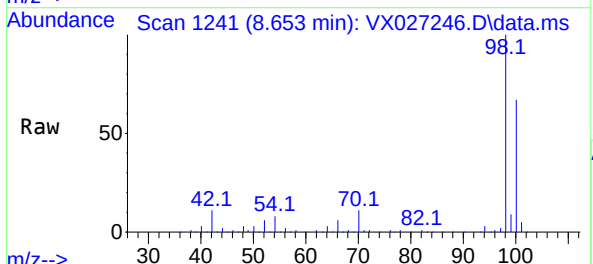


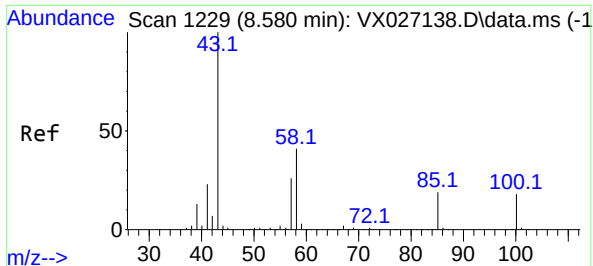
Tgt Ion:117 Resp: 8538
Ion Ratio Lower Upper
117 100
119 6.5 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 49.007 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027246.D
Acq: 01 Mar 2022 14:19

Tgt Ion: 98 Resp: 169418
Ion Ratio Lower Upper
98 100
100 65.8 53.2 79.8

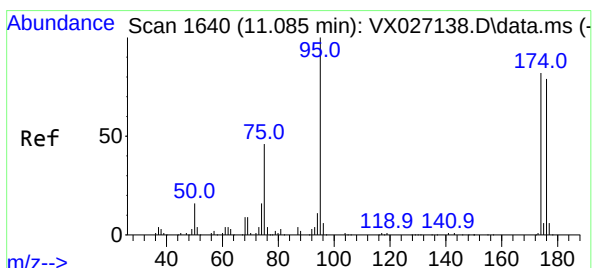
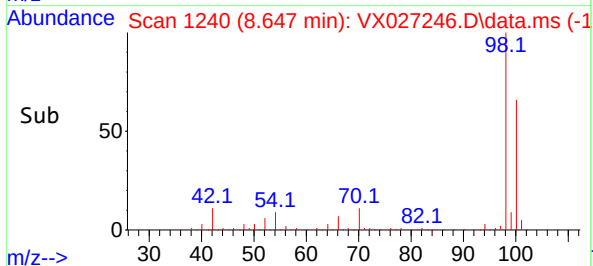
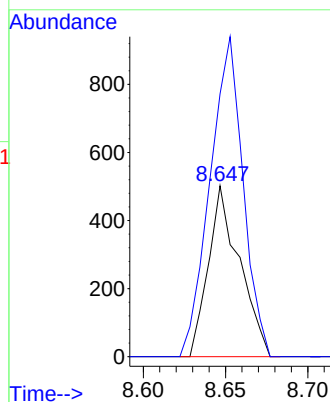
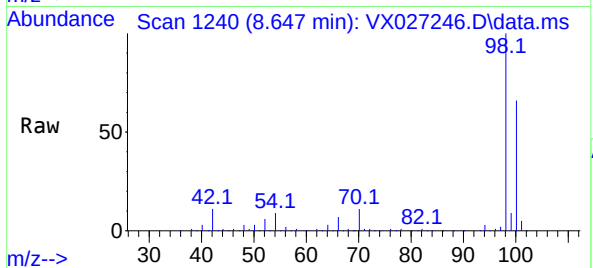




#51
4-Methyl-2-Pentanone
Concen: 0.445 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX027246.D
Acq: 01 Mar 2022 14:19

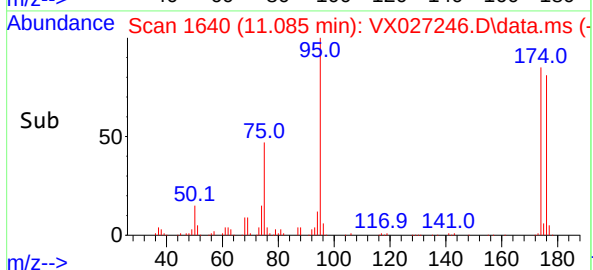
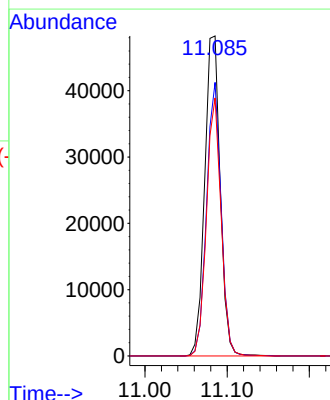
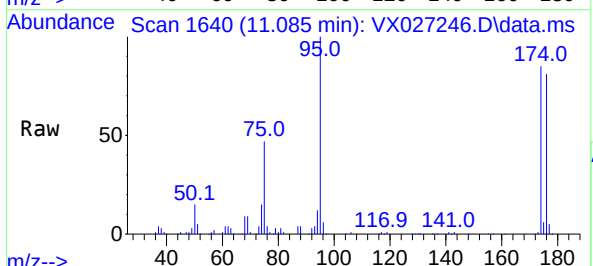
Instrument :
MSVOA_X
ClientSampleId :

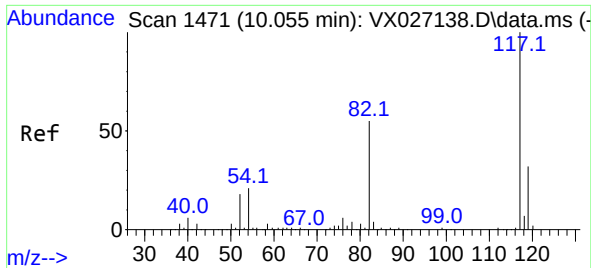
Tgt Ion: 43 Resp: 659
Ion Ratio Lower Upper
43 100
58 199.4 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 47.673 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027246.D
Acq: 01 Mar 2022 14:19

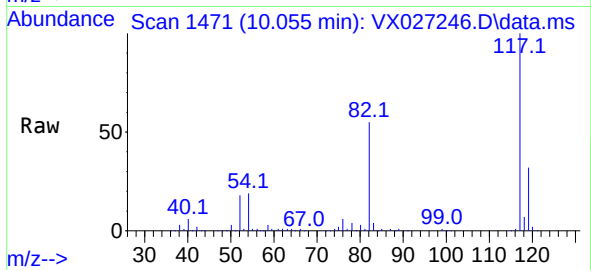
Tgt Ion: 95 Resp: 63262
Ion Ratio Lower Upper
95 100
174 80.0 0.0 148.6
176 75.9 0.0 141.4



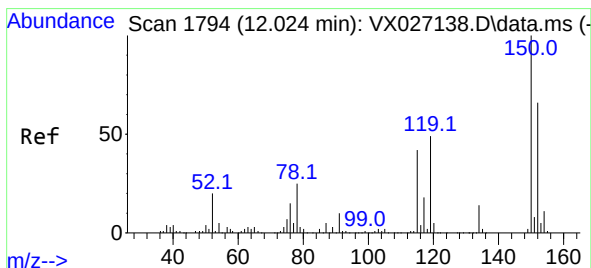
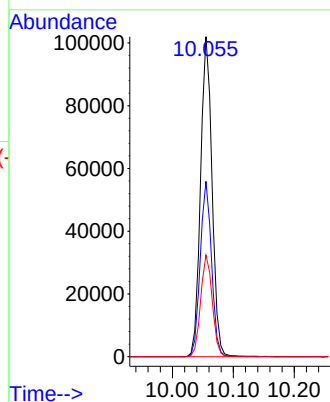
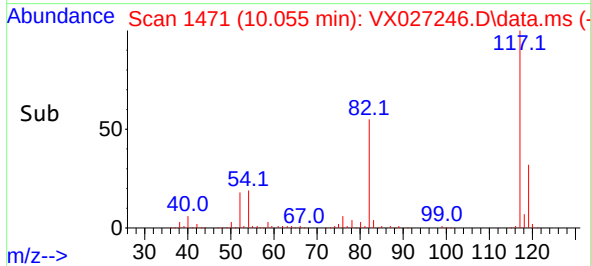


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027246.D
Acq: 01 Mar 2022 14:19

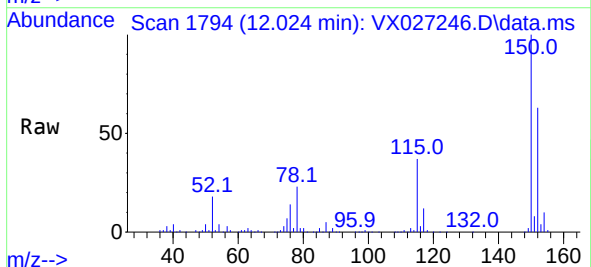
Instrument :
MSVOA_X
ClientSampleId :



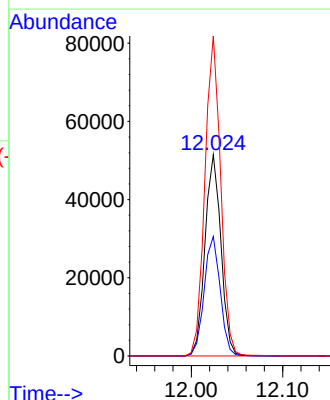
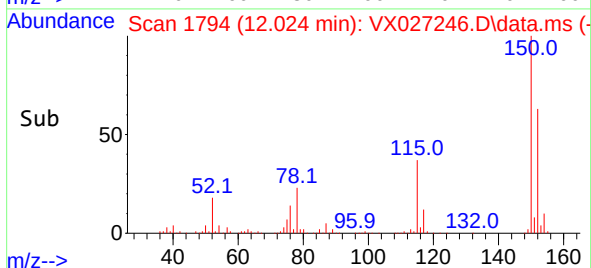
Tgt Ion:117 Resp: 133684
Ion Ratio Lower Upper
117 100
82 54.8 45.2 67.8
119 31.8 26.2 39.2

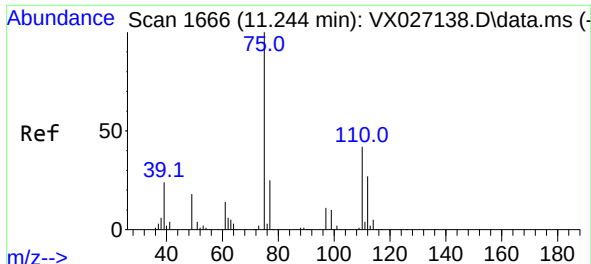


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027246.D
Acq: 01 Mar 2022 14:19



Tgt Ion:152 Resp: 62267
Ion Ratio Lower Upper
152 100
115 59.7 44.2 132.6
150 156.9 0.0 348.2

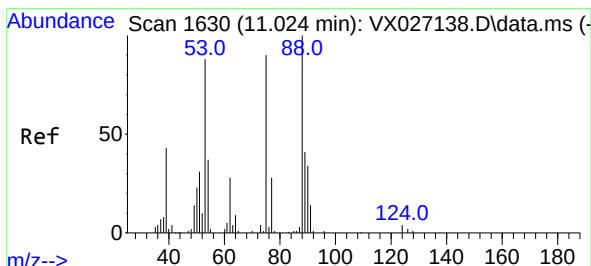
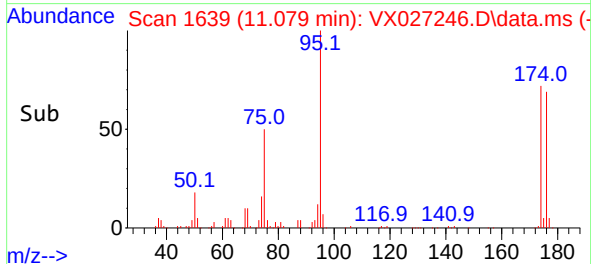
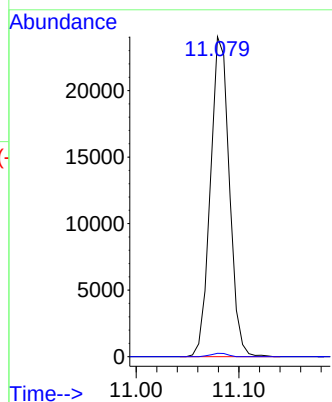
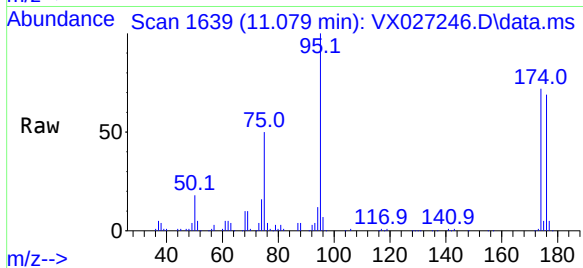




#76
1,2,3-Trichloropropane
Concen: 24.515 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027246.D
Acq: 01 Mar 2022 14:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 30747
Ion Ratio Lower Upper
75 100
77 0.9 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.528 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027246.D
Acq: 01 Mar 2022 14:19

Tgt Ion: 75 Resp: 30747
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

