

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
 Data File : VX026952.D
 Acq On : 11 Feb 2022 04:40
 Operator : JC/MD
 Sample : N1467-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Feb 11 07:36:10 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

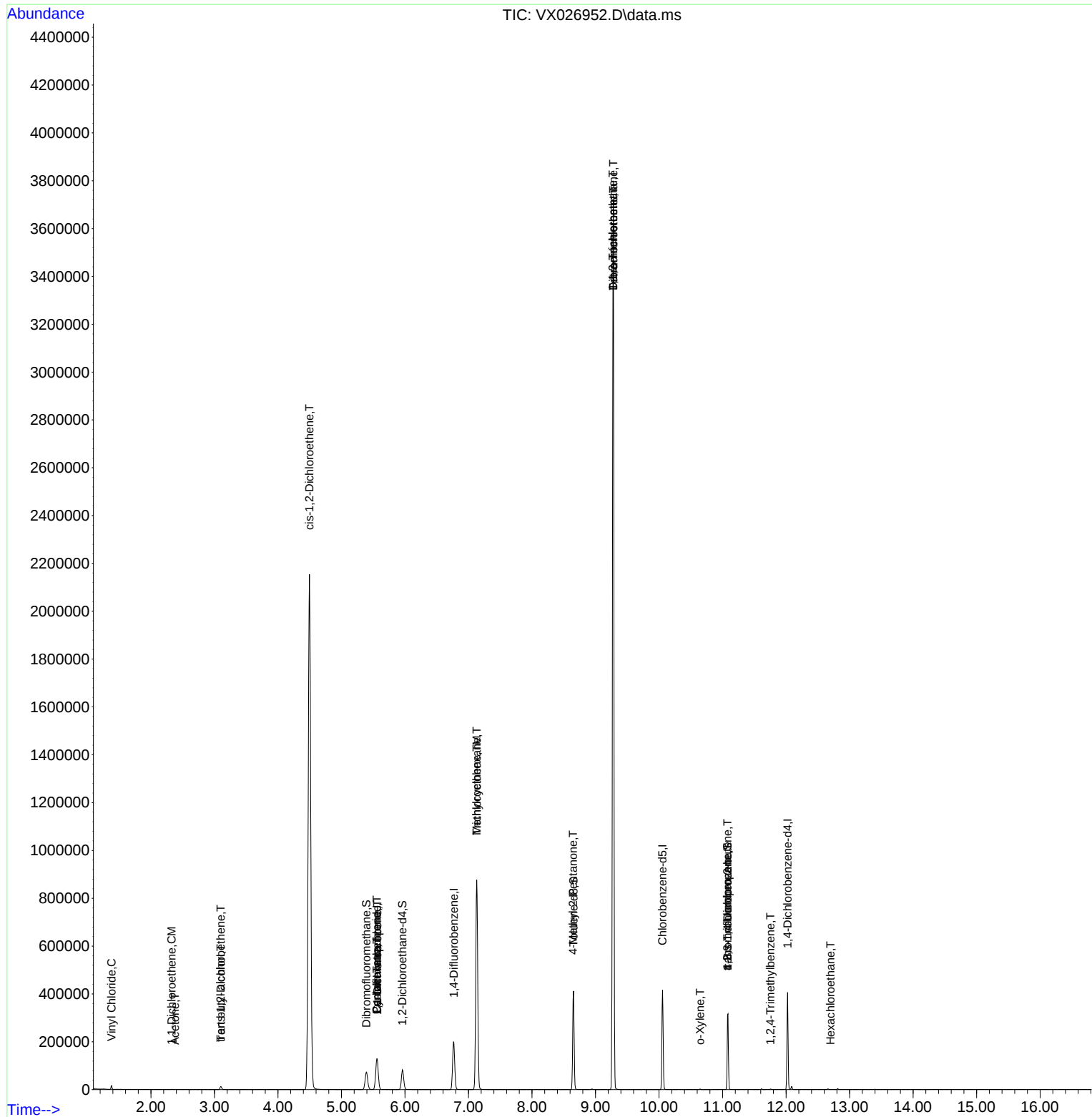
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	123669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	206735	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79334	53.441	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.880%	
35) Dibromofluoromethane	5.391	113	64432	52.312	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.620%	
50) Toluene-d8	8.653	98	242832	53.710	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.420%	
62) 4-Bromofluorobenzene	11.079	95	89349	56.132	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.260%	
Target Compounds						Qvalue
4) Vinyl Chloride	1.379	62	9981	7.622	ug/l	98
11) Tert butyl alcohol	3.099	59	218	0.813	ug/l #	75
12) 1,1-Dichloroethene	2.324	96	427	0.337	ug/l #	79
16) Acetone	2.379	43	732	1.123	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	5297	3.977	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	1350237	882.993	ug/l	89
31) Cyclohexane	5.556	56	2558	1.084	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	9673	4.978	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12626	6.197	ug/l #	16
39) Methylcyclohexane	7.128	83	3891	1.633	ug/l #	1
44) Trichloroethene	7.128	130	336397	197.839	ug/l	98
51) 4-Methyl-2-Pentanone	8.646	43	983	0.477	ug/l #	1
55) 1,1,2-Trichloroethane	9.274	97	6523	4.806	ug/l #	5
60) Dibromochloromethane	9.281	129	699872	501.118	ug/l #	11
64) Tetrachloroethene	9.281	164	716614	379.513	ug/l	96
69) o-Xylene	10.646	106	577	0.222	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	44795	25.064	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	44795	76.441	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.756	105	1344	0.252	ug/l	97
90) Hexachloroethane	12.701	117	157	0.201	ug/l #	14

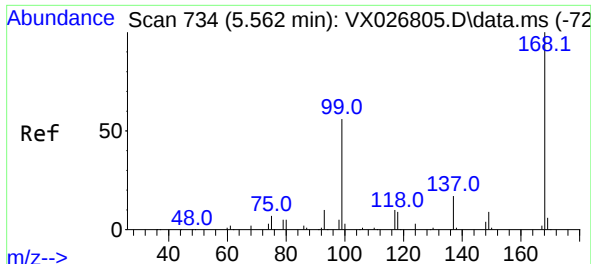
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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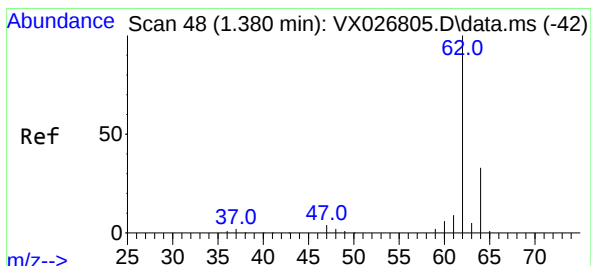
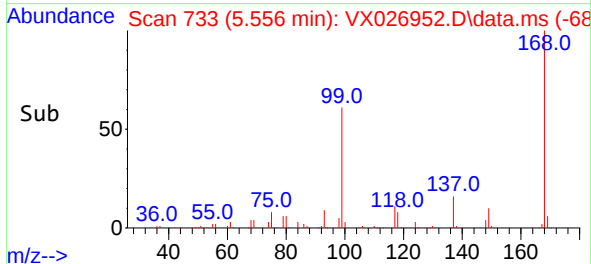
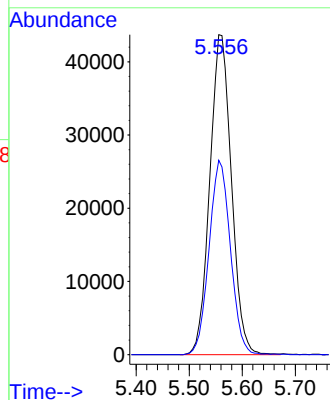
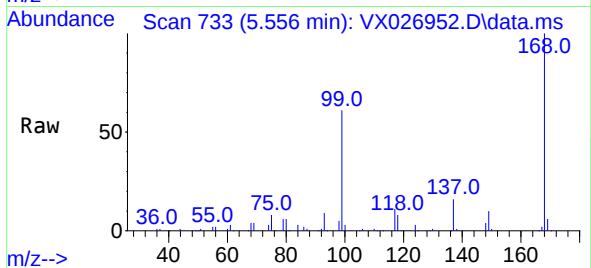




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026952.D
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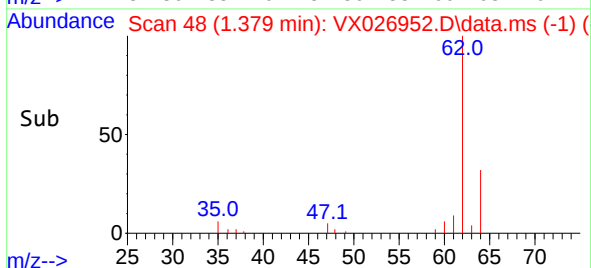
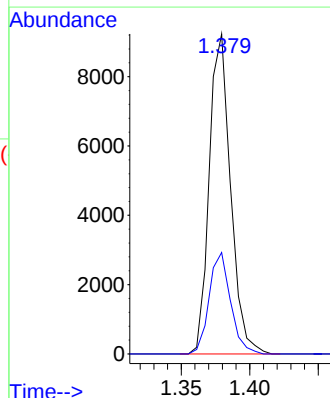
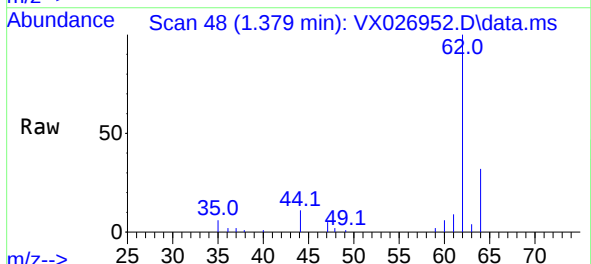
Instrument :
MSVOA_X
ClientSampleId :
MW-1

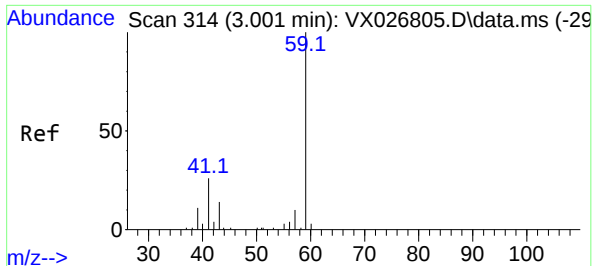
Tgt Ion:168 Resp: 123669
Ion Ratio Lower Upper
168 100
99 60.7 50.3 75.5



#4
Vinyl Chloride
Concen: 7.622 ug/l
RT: 1.379 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX026952.D
Acq: 11 Feb 2022 04:40

Tgt Ion: 62 Resp: 9981
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.2





#11

Tert butyl alcohol

Concen: 0.813 ug/l

RT: 3.099 min Scan# 314

Delta R.T. 0.098 min

Lab File: VX026952.D

Acq: 11 Feb 2022 04:40

Instrument :

MSVOA_X

ClientSampleId :

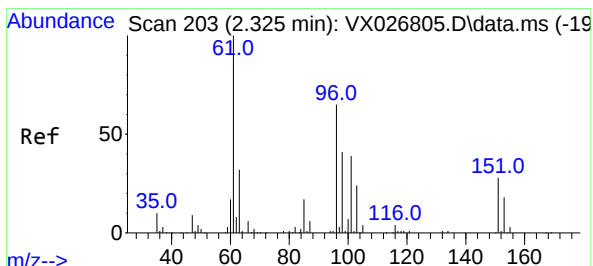
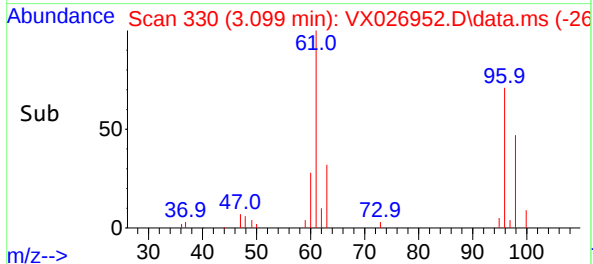
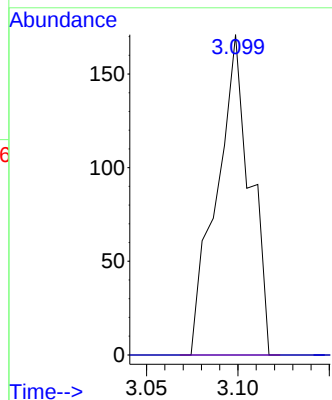
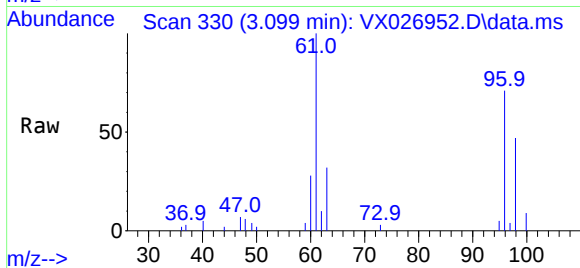
MW-1

Tgt Ion: 59 Resp: 218

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#12

1,1-Dichloroethene

Concen: 0.337 ug/l

RT: 2.324 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX026952.D

Acq: 11 Feb 2022 04:40

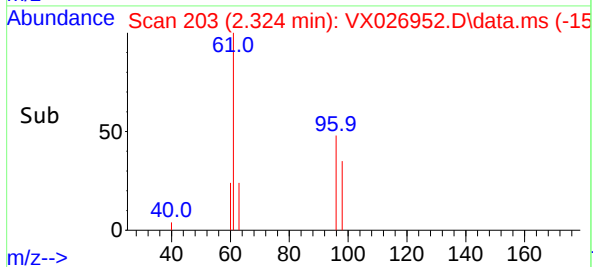
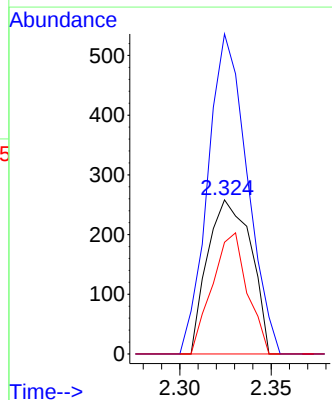
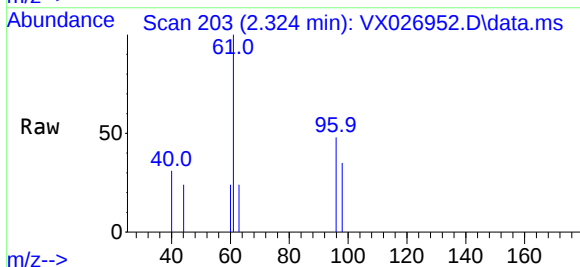
Tgt Ion: 96 Resp: 427

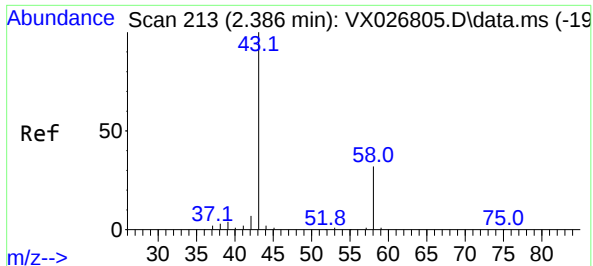
Ion Ratio Lower Upper

96 100

61 207.8 138.5 207.7#

98 72.5 51.8 77.6

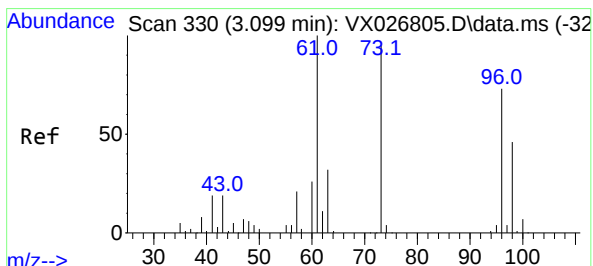
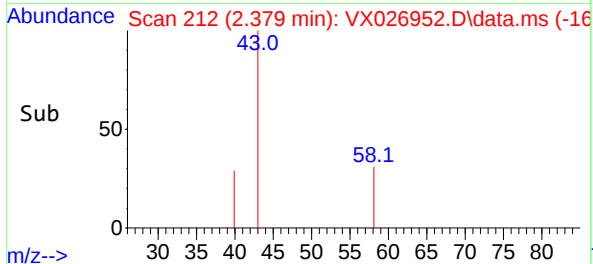
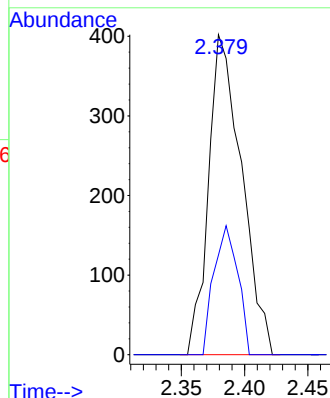
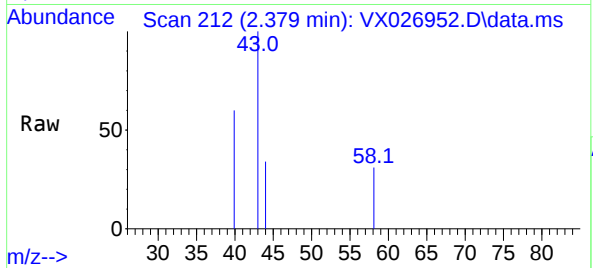




#16
Acetone
Concen: 1.123 ug/l
RT: 2.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX026952.D
Acq: 11 Feb 2022 04:40

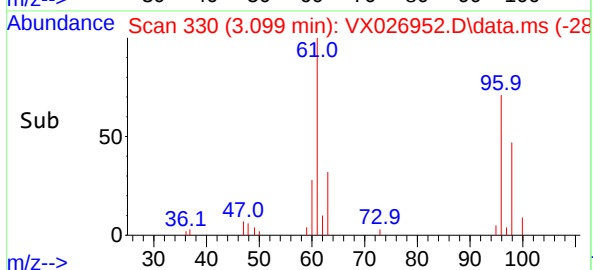
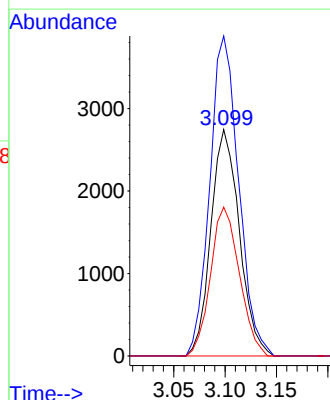
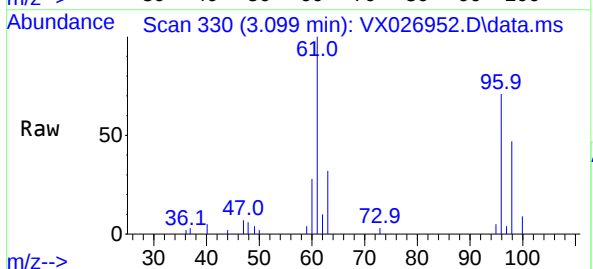
Instrument :
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ClientSampleId :
MW-1

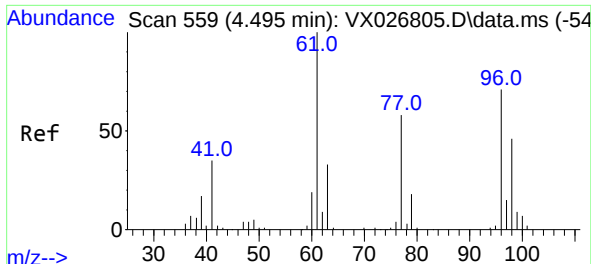
Tgt Ion: 43 Resp: 732
Ion Ratio Lower Upper
43 100
58 31.1 23.0 34.6



#21
trans-1,2-Dichloroethene
Concen: 3.977 ug/l
RT: 3.099 min Scan# 330
Delta R.T. -0.000 min
Lab File: VX026952.D
Acq: 11 Feb 2022 04:40

Tgt Ion: 96 Resp: 5297
Ion Ratio Lower Upper
96 100
61 141.3 112.9 169.3
98 65.7 49.5 74.3

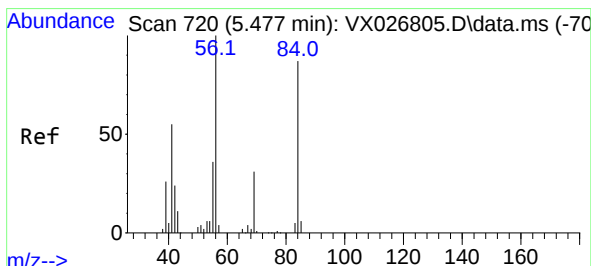
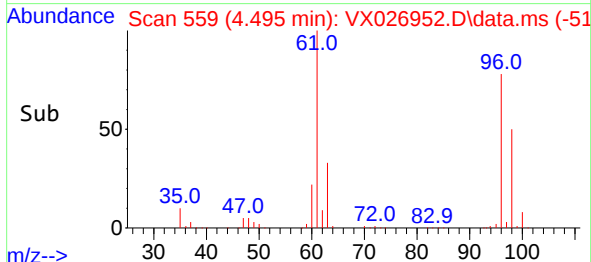
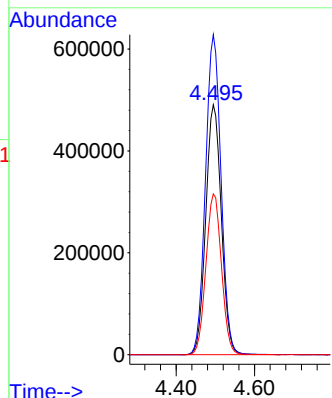
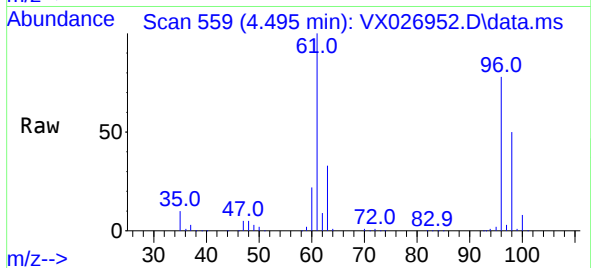




#27
cis-1,2-Dichloroethene
Concen: 882.993 ug/l
RT: 4.495 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX026952.D
Acq: 11 Feb 2022 04:40

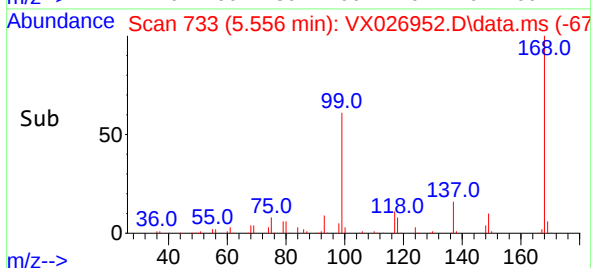
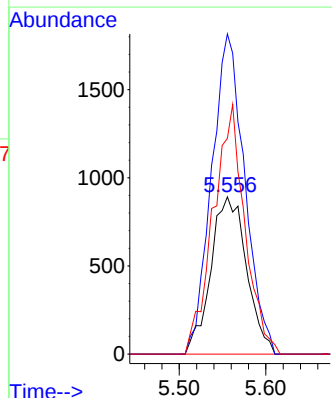
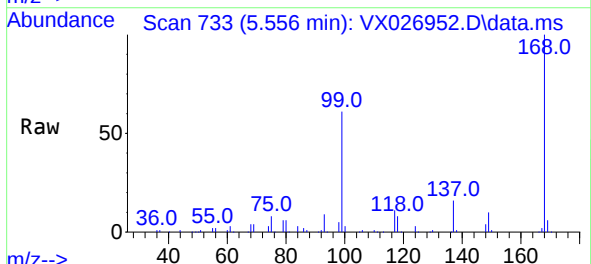
Instrument :
MSVOA_X
ClientSampleId :
MW-1

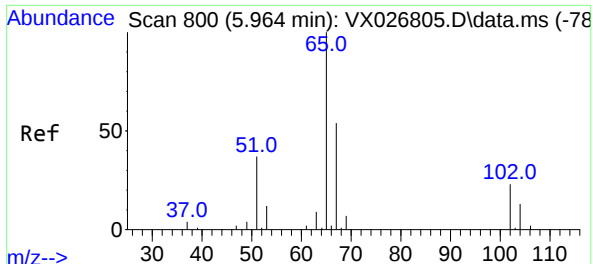
Tgt Ion: 96 Resp: 1350237
Ion Ratio Lower Upper
96 100
61 127.7 0.0 296.6
98 64.5 0.0 128.8



#31
Cyclohexane
Concen: 1.084 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX026952.D
Acq: 11 Feb 2022 04:40

Tgt Ion: 56 Resp: 2558
Ion Ratio Lower Upper
56 100
69 203.6 25.8 38.6#
84 137.2 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 53.441 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026952.D

Acq: 11 Feb 2022 04:40

Instrument :

MSVOA_X

ClientSampleId :

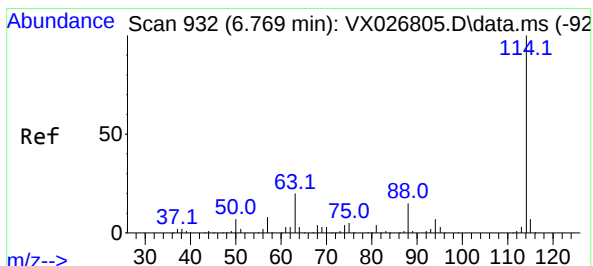
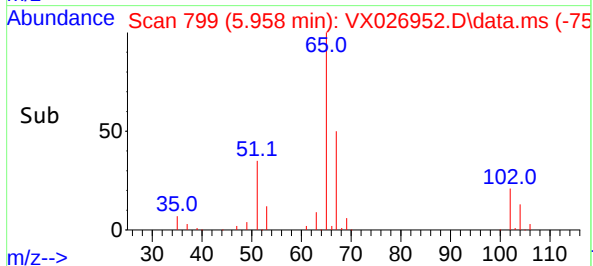
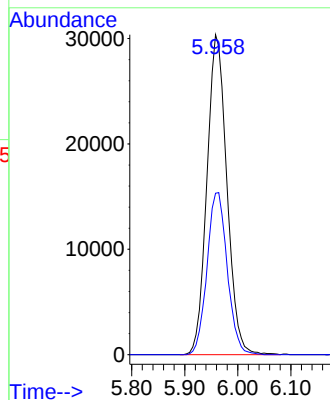
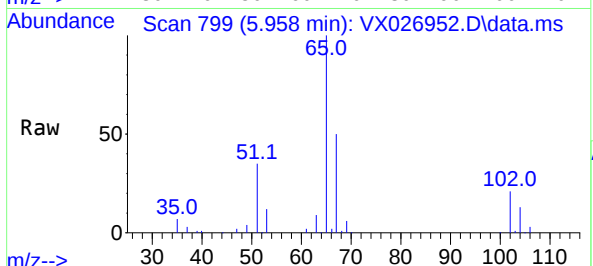
MW-1

Tgt Ion: 65 Resp: 79334

Ion Ratio Lower Upper

65 100

67 51.4 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: VX026952.D

Acq: 11 Feb 2022 04:40

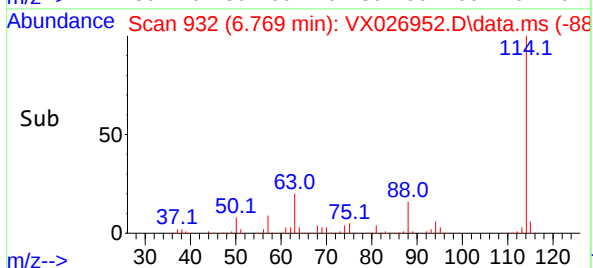
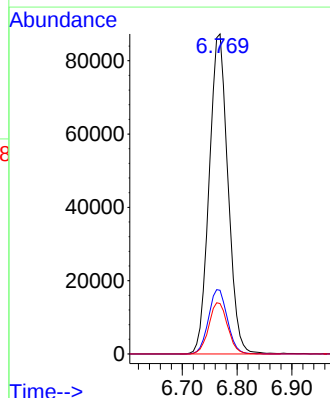
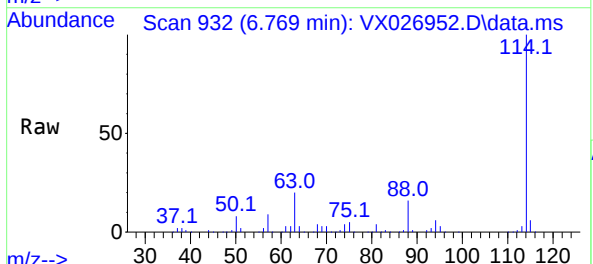
Tgt Ion: 114 Resp: 206735

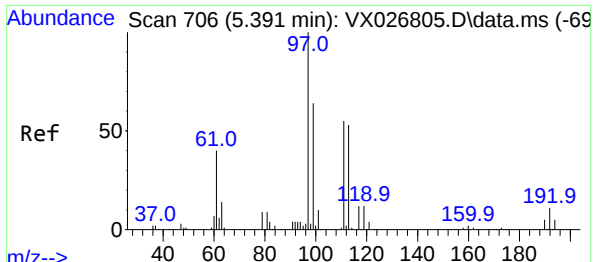
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.8

88 15.8 0.0 33.0

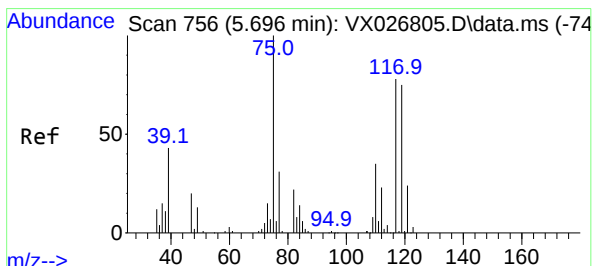
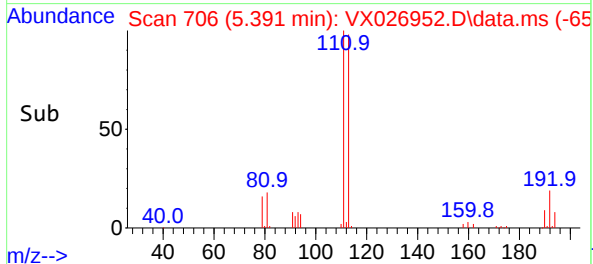
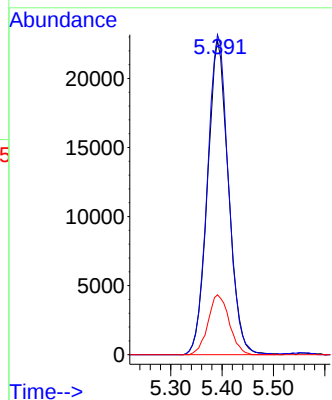
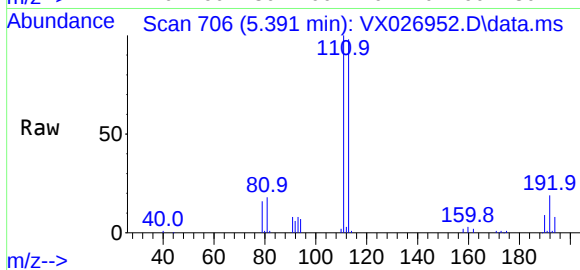




#35
Dibromofluoromethane
Concen: 52.312 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026952.D
Acq: 11 Feb 2022 04:40

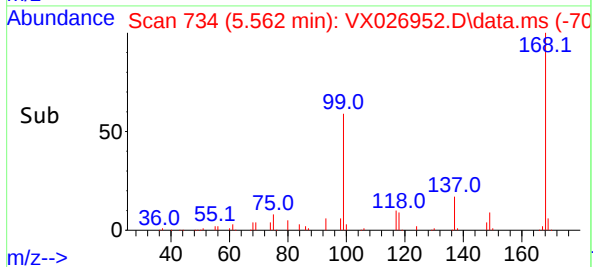
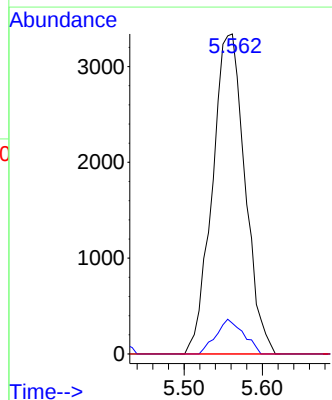
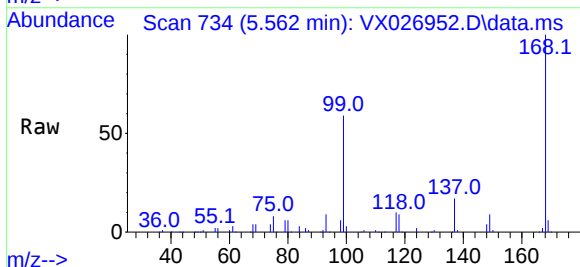
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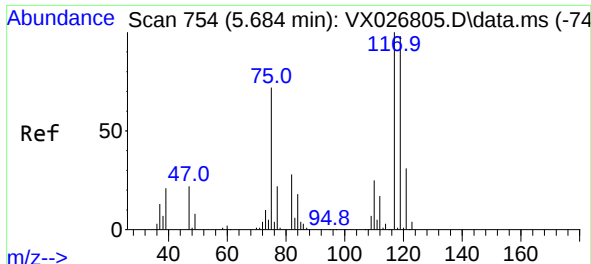
Tgt Ion:113 Resp: 64432
Ion Ratio Lower Upper
113 100
111 102.6 81.2 121.8
192 19.3 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.978 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX026952.D
Acq: 11 Feb 2022 04:40

Tgt Ion: 75 Resp: 9673
Ion Ratio Lower Upper
75 100
110 9.1 17.2 51.6#
77 0.0 24.6 36.8#

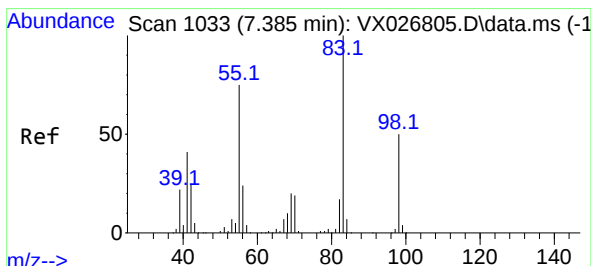
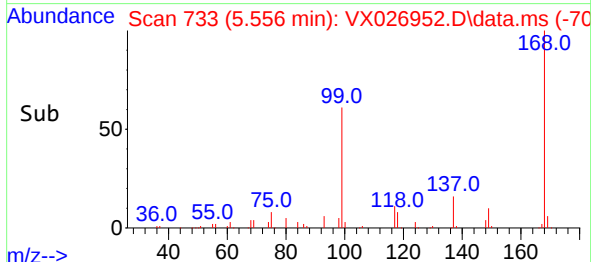
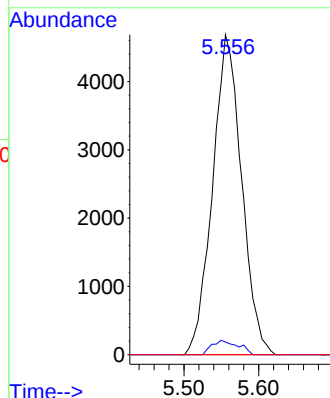
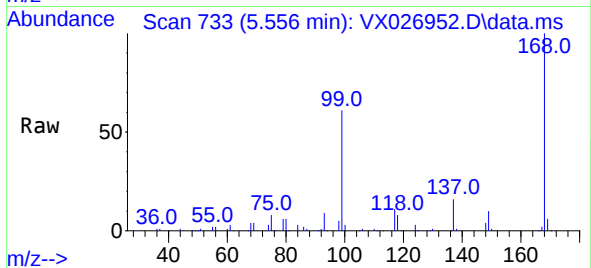




#38
Carbon Tetrachloride
Concen: 6.197 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026952.D
Acq: 11 Feb 2022 04:40

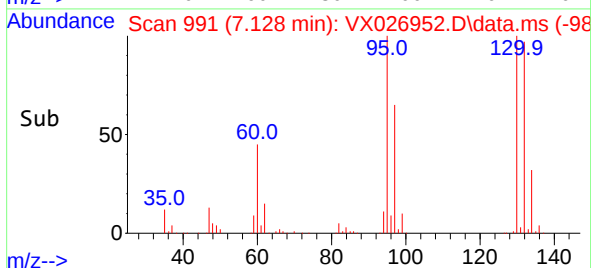
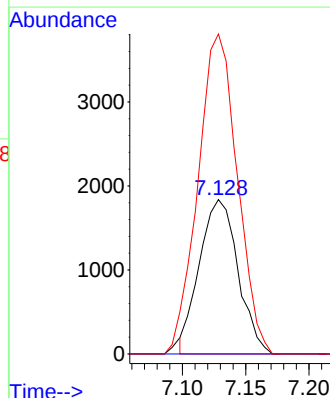
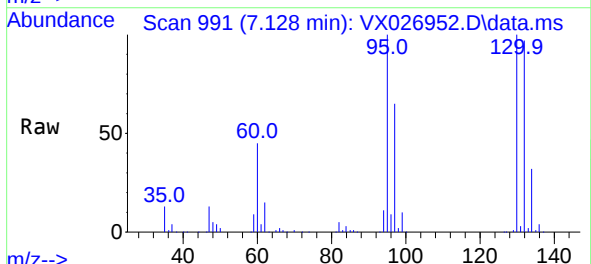
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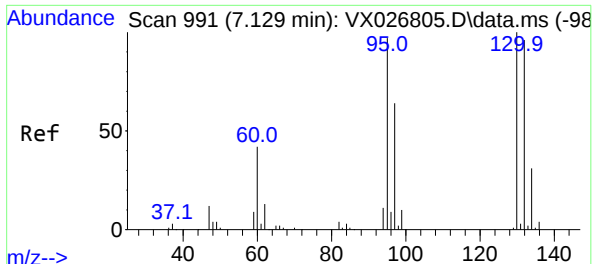
Tgt Ion:117 Resp: 12626
Ion Ratio Lower Upper
117 100
119 3.9 74.7 112.1#
121 0.0 25.4 38.0#



#39
Methylcyclohexane
Concen: 1.633 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX026952.D
Acq: 11 Feb 2022 04:40

Tgt Ion: 83 Resp: 3891
Ion Ratio Lower Upper
83 100
55 0.0 63.6 95.4#
98 207.2 38.4 57.6#

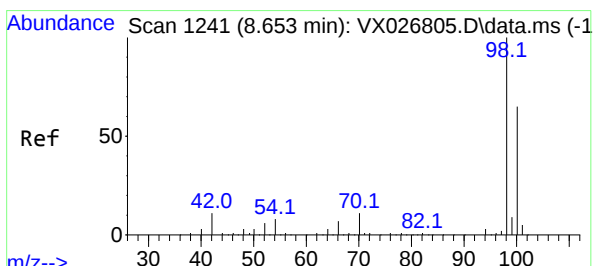
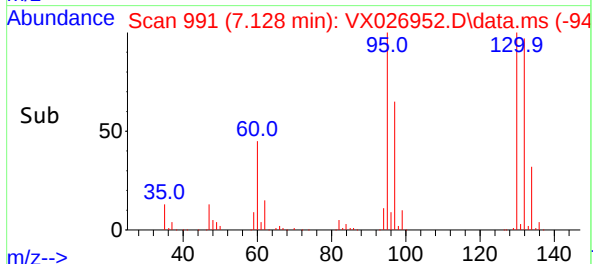
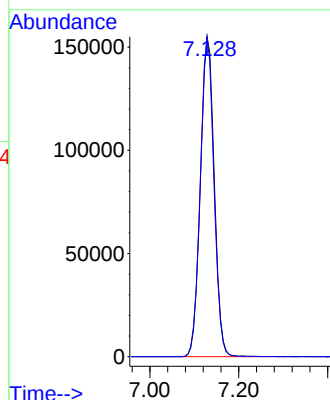
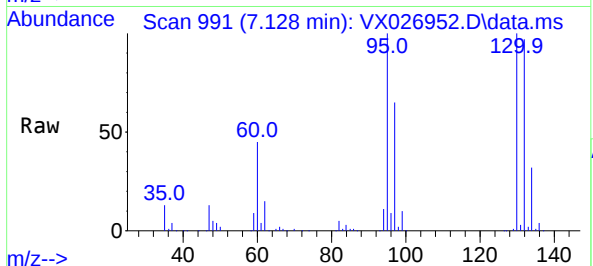




#44
Trichloroethene
Concen: 197.839 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX026952.D
Acq: 11 Feb 2022 04:40

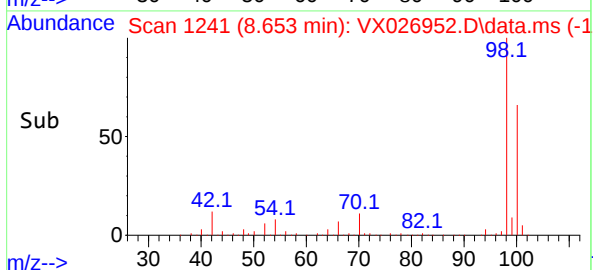
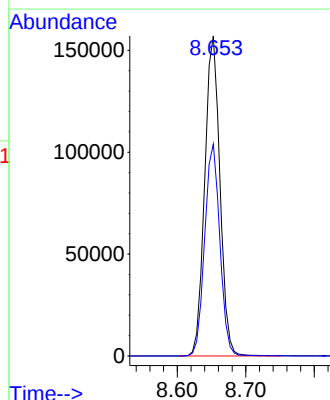
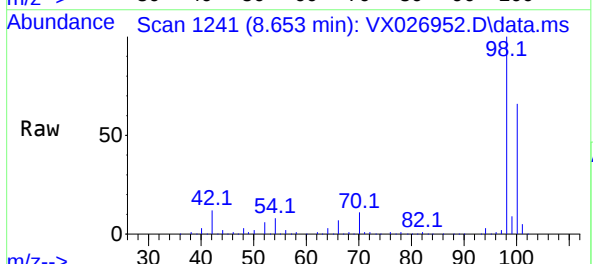
Instrument :
MSVOA_X
ClientSampleId :
MW-1

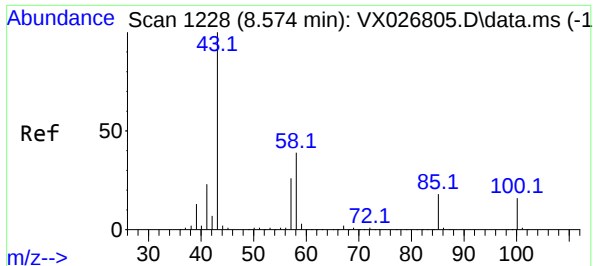
Tgt Ion:130 Resp: 336397
Ion Ratio Lower Upper
130 100
95 99.8 0.0 202.6



#50
Toluene-d8
Concen: 53.710 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026952.D
Acq: 11 Feb 2022 04:40

Tgt Ion: 98 Resp: 242832
Ion Ratio Lower Upper
98 100
100 66.0 53.2 79.8

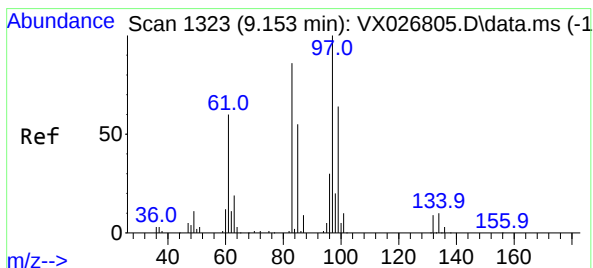
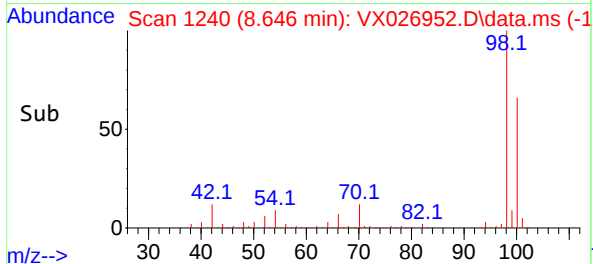
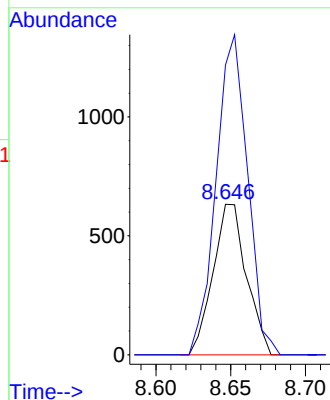
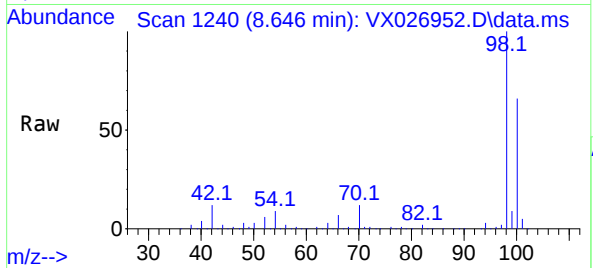




#51
4-Methyl-2-Pentanone
Concen: 0.477 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX026952.D
Acq: 11 Feb 2022 04:40

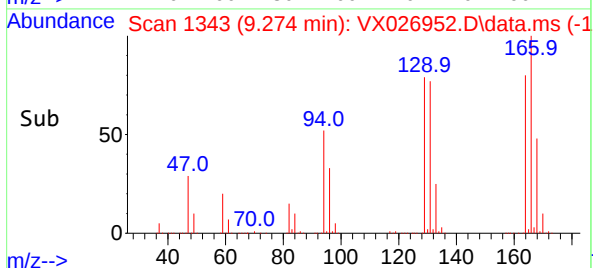
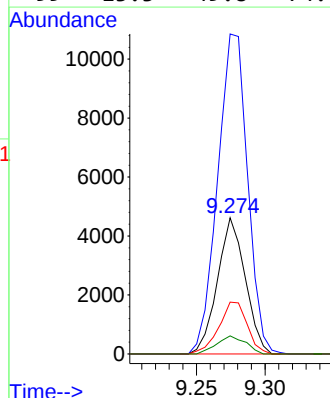
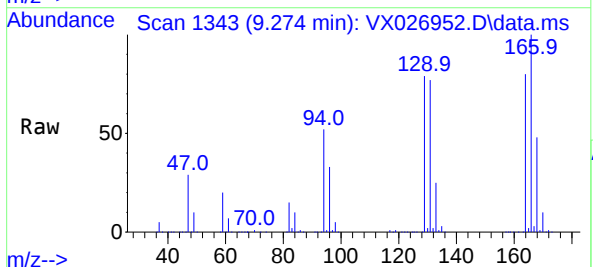
Instrument :
MSVOA_X
ClientSampleId :
MW-1

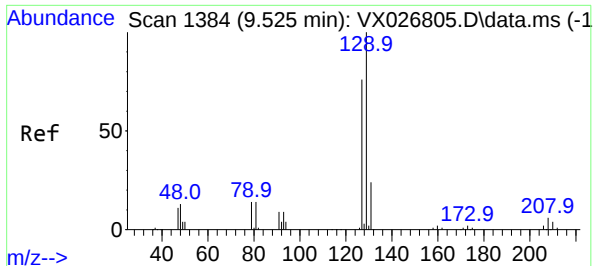
Tgt Ion: 43 Resp: 983
Ion Ratio Lower Upper
43 100
58 200.6 30.5 45.7#



#55
1,1,2-Trichloroethane
Concen: 4.806 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. 0.122 min
Lab File: VX026952.D
Acq: 11 Feb 2022 04:40

Tgt Ion: 97 Resp: 6523
Ion Ratio Lower Upper
97 100
83 235.0 68.4 102.6#
85 38.1 44.0 66.0#
99 13.3 49.8 74.6#

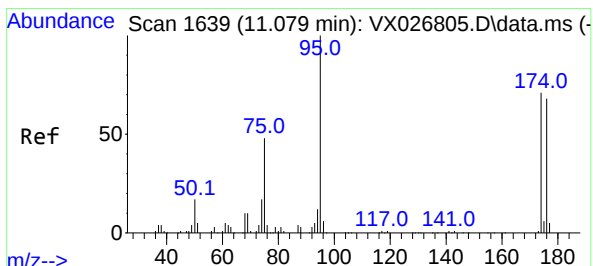
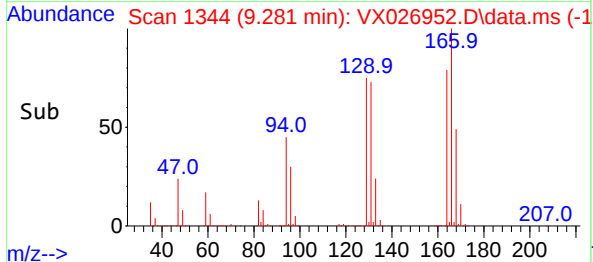
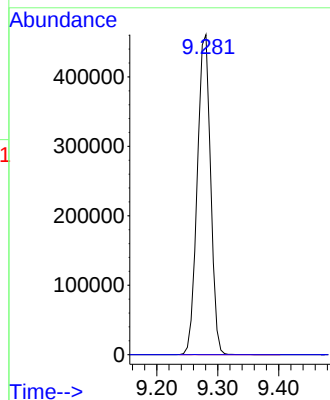
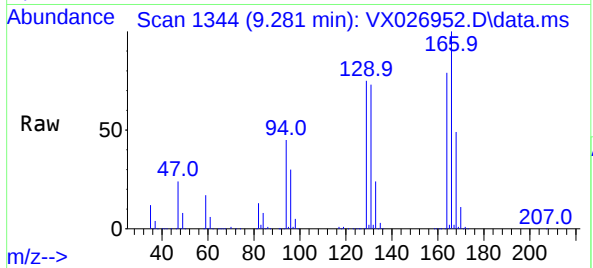




#60
Dibromochloromethane
Concen: 501.118 ug/l
RT: 9.281 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX026952.D
Acq: 11 Feb 2022 04:40

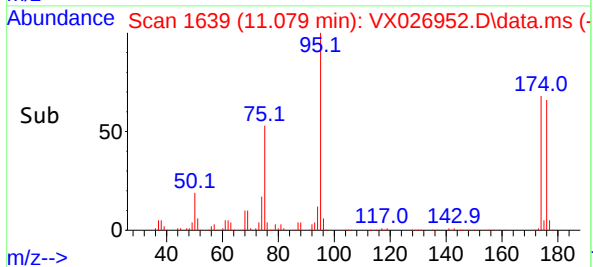
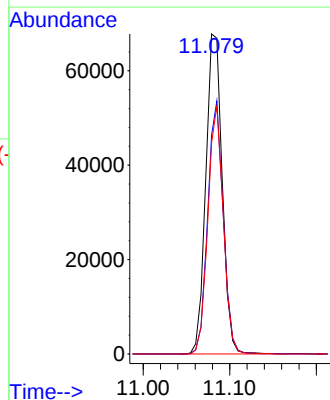
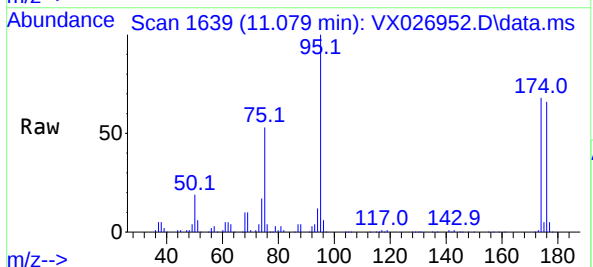
Instrument :
MSVOA_X
ClientSampleId :
MW-1

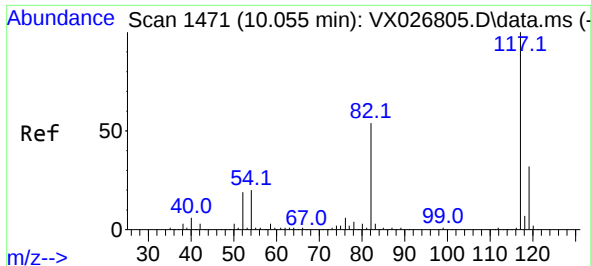
Tgt Ion:129 Resp: 699872
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 56.132 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026952.D
Acq: 11 Feb 2022 04:40

Tgt Ion: 95 Resp: 89349
Ion Ratio Lower Upper
95 100
174 74.7 0.0 148.6
176 72.6 0.0 141.4

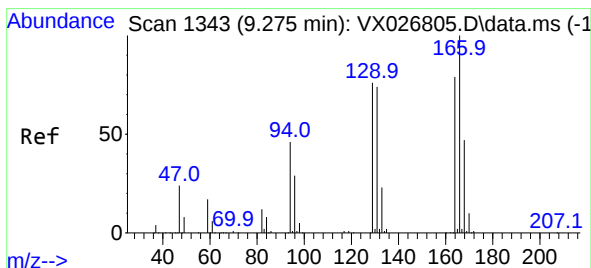
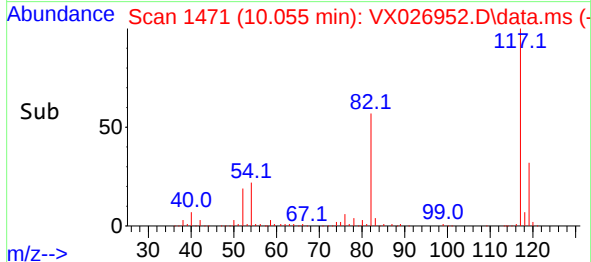
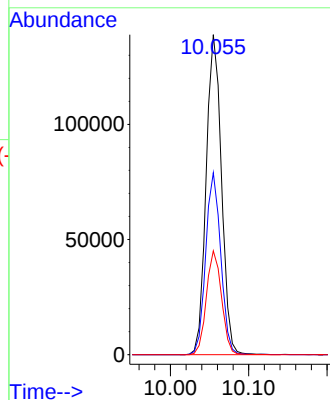
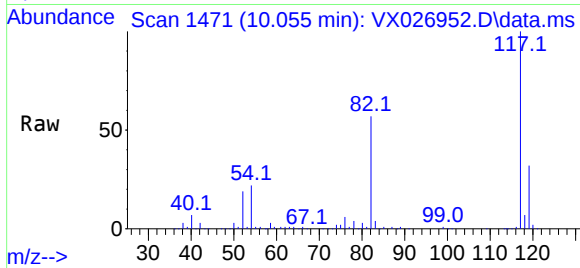




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026952.D
Acq: 11 Feb 2022 04:40

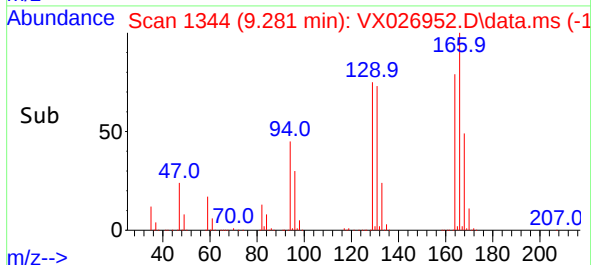
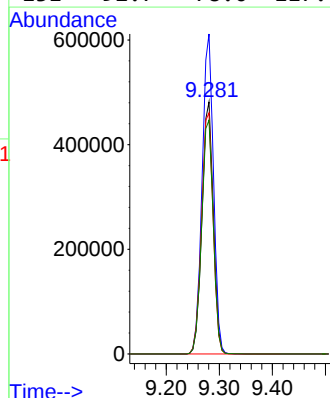
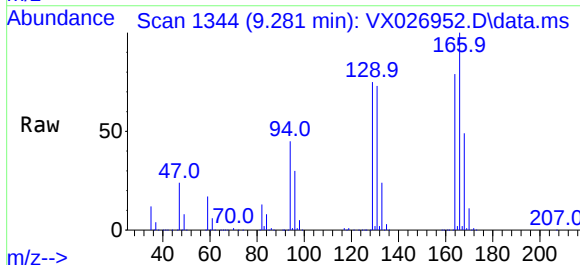
Instrument :
MSVOA_X
ClientSampleId :
MW-1

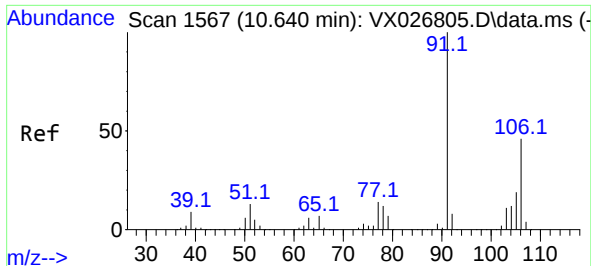
Tgt Ion:117 Resp: 188006
Ion Ratio Lower Upper
117 100
82 56.8 45.2 67.8
119 32.4 26.2 39.2



#64
Tetrachloroethene
Concen: 379.513 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX026952.D
Acq: 11 Feb 2022 04:40

Tgt Ion:164 Resp: 716614
Ion Ratio Lower Upper
164 100
166 127.0 101.8 152.6
129 95.7 83.3 124.9
131 92.7 78.0 117.0

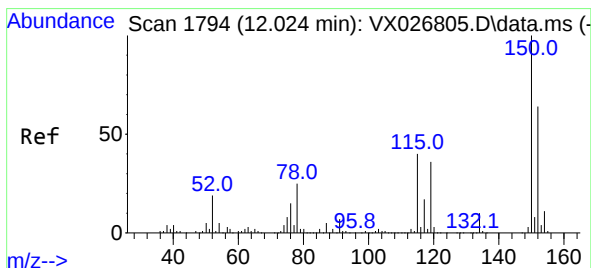
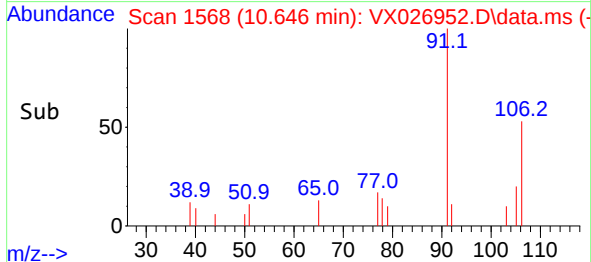
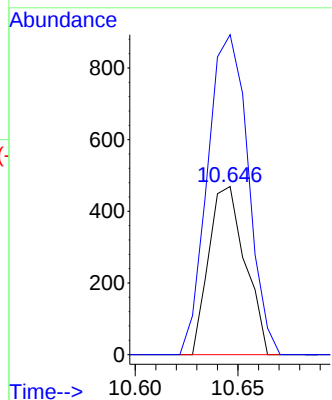
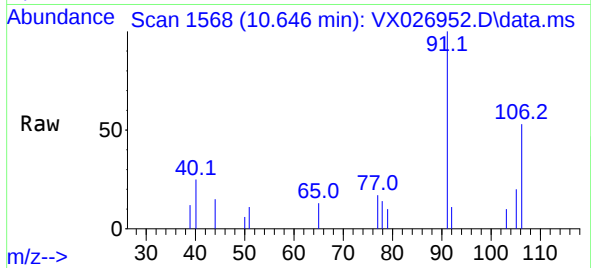




#69
o-Xylene
Concen: 0.222 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX026952.D
Acq: 11 Feb 2022 04:40

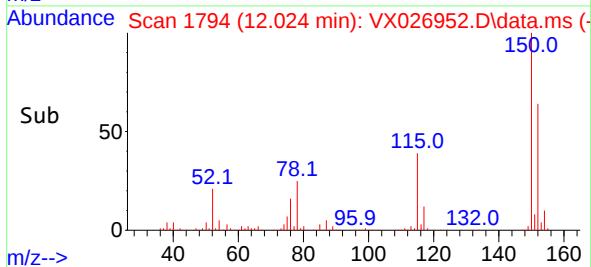
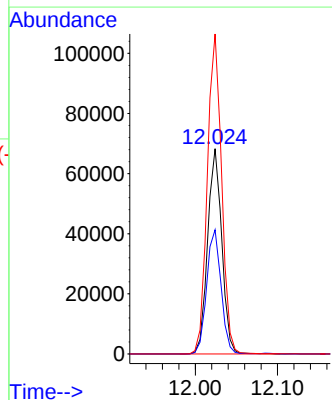
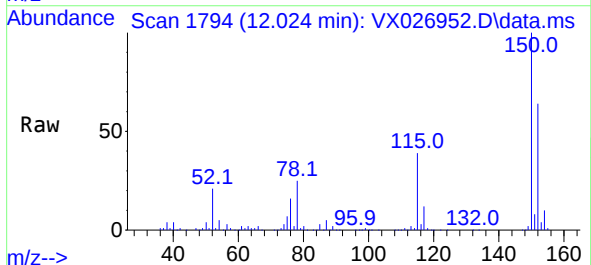
Instrument :
MSVOA_X
ClientSampleId :
MW-1

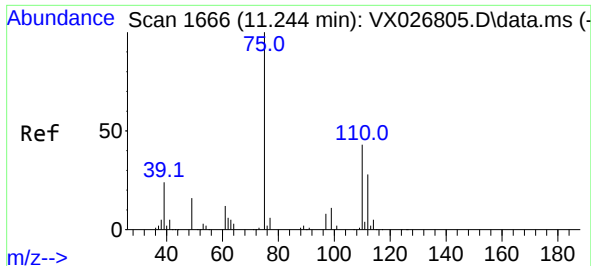
Tgt Ion:106 Resp: 577
Ion Ratio Lower Upper
106 100
91 212.3 109.7 329.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX026952.D
Acq: 11 Feb 2022 04:40

Tgt Ion:152 Resp: 81645
Ion Ratio Lower Upper
152 100
115 61.5 44.2 132.6
150 157.3 0.0 348.2

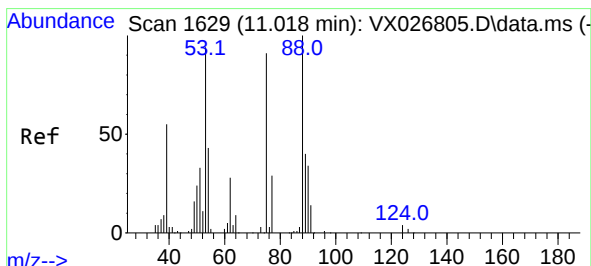
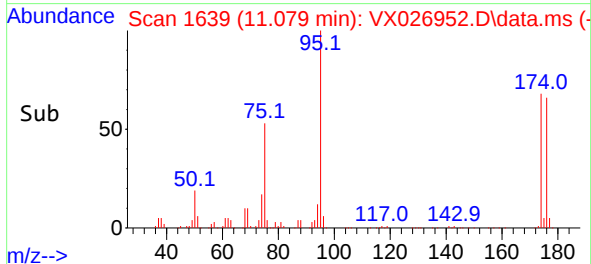
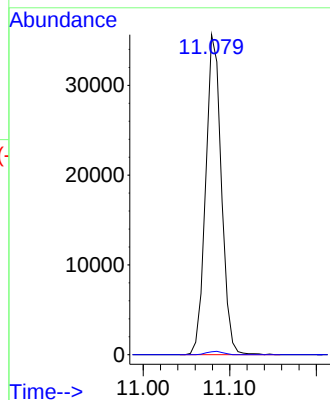
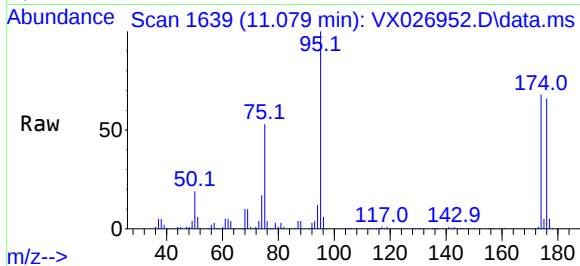




#76
1,2,3-Trichloropropane
Concen: 25.064 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026952.D
Acq: 11 Feb 2022 04:40

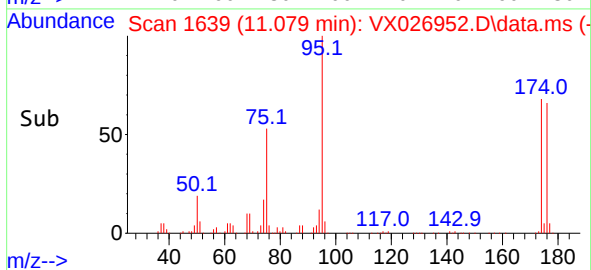
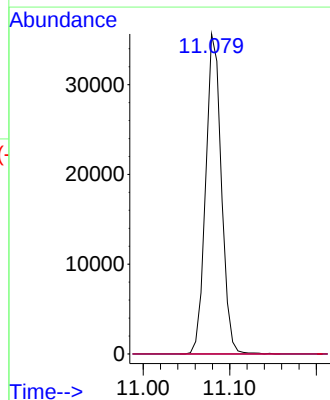
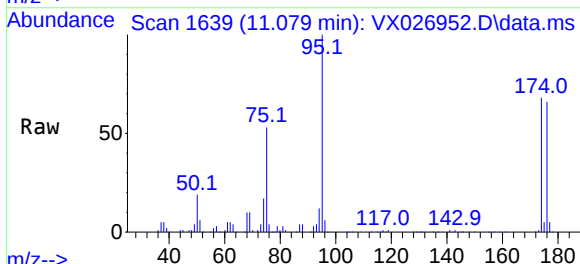
Instrument :
MSVOA_X
ClientSampleId :
MW-1

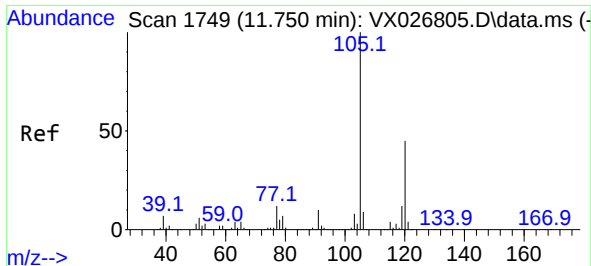
Tgt Ion: 75 Resp: 44795
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.441 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026952.D
Acq: 11 Feb 2022 04:40

Tgt Ion: 75 Resp: 44795
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

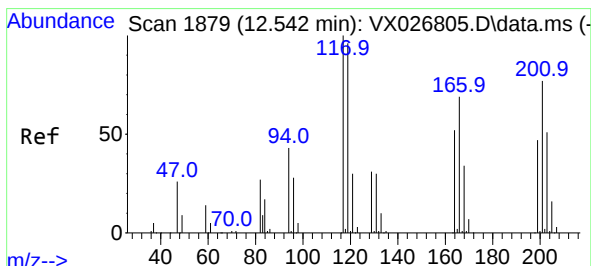
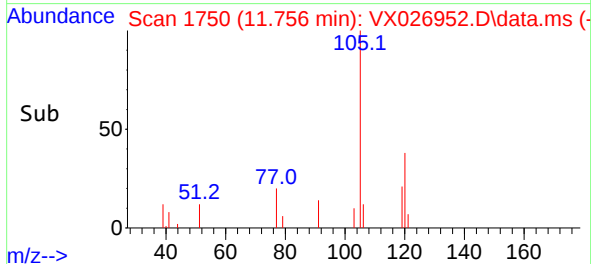
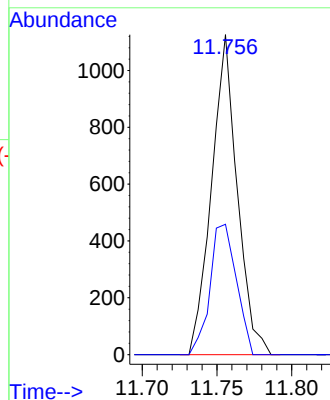
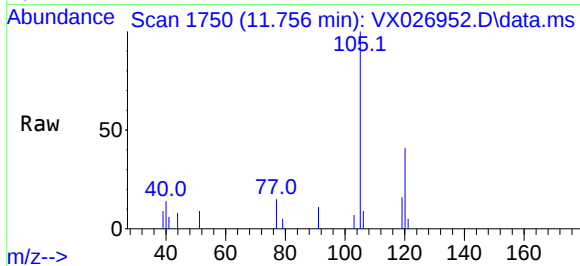




#84
1,2,4-Trimethylbenzene
Concen: 0.252 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026952.D
Acq: 11 Feb 2022 04:40

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Tgt Ion:105 Resp: 1344
Ion Ratio Lower Upper
105 100
120 41.9 21.9 65.5



#90
Hexachloroethane
Concen: 0.201 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.158 min
Lab File: VX026952.D
Acq: 11 Feb 2022 04:40

Tgt Ion:117 Resp: 157
Ion Ratio Lower Upper
117 100
201 0.0 35.6 106.8#

