

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
 Data File : VX026967.D
 Acq On : 11 Feb 2022 15:19
 Operator : JC/MD
 Sample : N1467-01DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-30DDL

Quant Time: Feb 12 04:29:50 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)

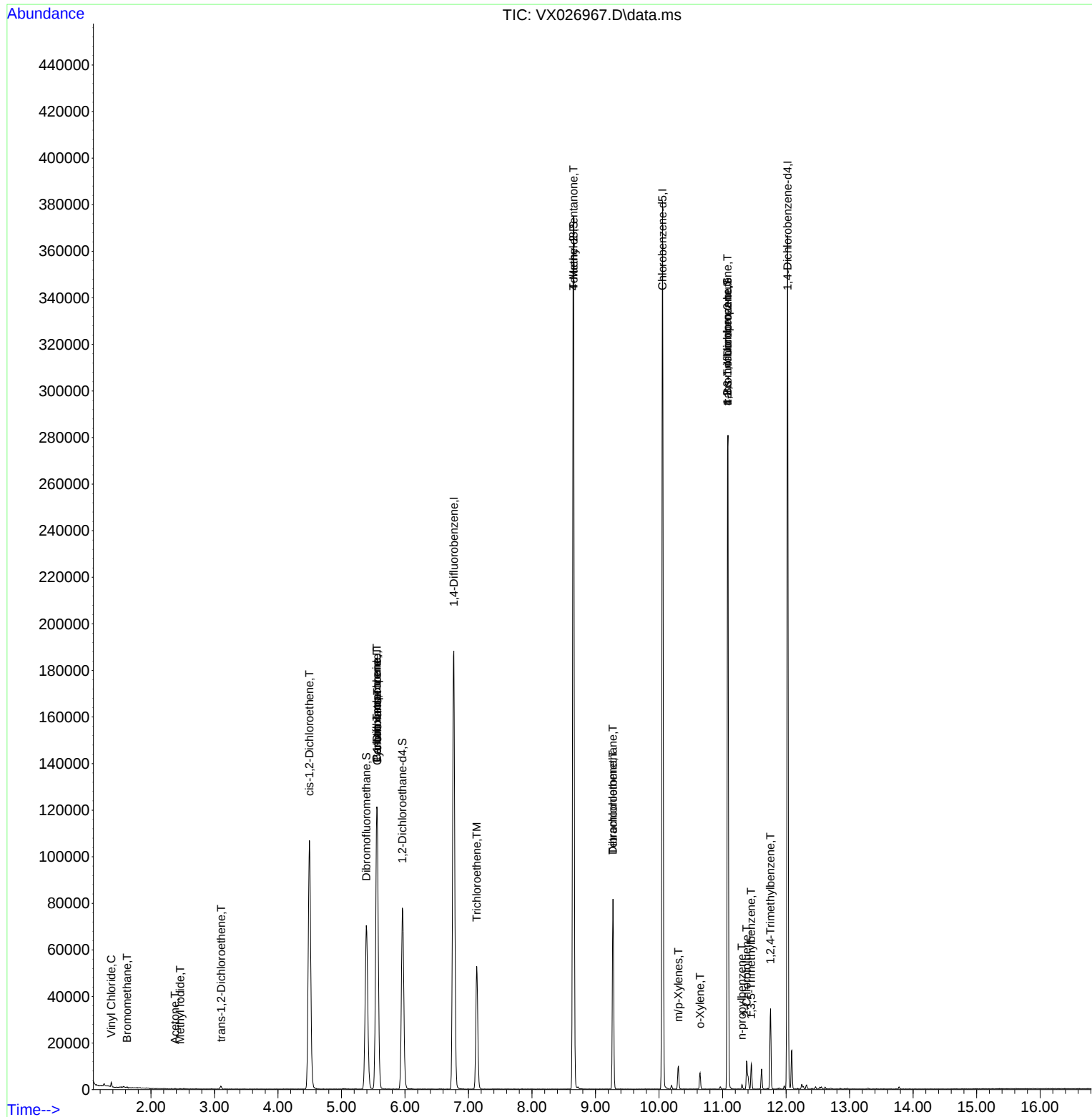
Internal Standards						
1) Pentafluorobenzene	5.556	168	115186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	195551	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75391	54.525	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.040%	
35) Dibromofluoromethane	5.391	113	61737	52.991	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.980%	
50) Toluene-d8	8.653	98	222865	52.113	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.220%	
62) 4-Bromofluorobenzene	11.079	95	78070	51.852	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.700%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.373	62	1267	1.039	ug/l	98
5) Bromomethane	1.623	94	129	0.249	ug/l	84
10) Methyl Iodide	2.459	142	178	2.358	ug/l #	67
16) Acetone	2.379	43	283	0.466	ug/l	95
21) trans-1,2-Dichloroethene	3.105	96	583	0.470	ug/l #	68
27) cis-1,2-Dichloroethene	4.495	96	67188	47.174	ug/l	90
31) Cyclohexane	5.562	56	2176	0.990	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8832	4.805	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11910	6.179	ug/l #	18
44) Trichloroethene	7.129	130	20158	12.533	ug/l	99
51) 4-Methyl-2-Pentanone	8.653	43	949	0.487	ug/l #	1
60) Dibromochloromethane	9.274	129	14714	11.138	ug/l #	11
64) Tetrachloroethene	9.274	164	15313	9.113	ug/l	96
68) m/p-Xylenes	10.305	106	2498	1.060	ug/l	91
69) o-Xylene	10.646	106	1583	0.686	ug/l	100
76) 1,2,3-Trichloropropane	11.079	75	38432	24.368	ug/l #	40
78) n-propylbenzene	11.305	91	1414	0.225	ug/l	95
79) 2-Chlorotoluene	11.378	91	1138	0.293	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	5199	1.113	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.079	75	38432	74.414	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.756	105	15430	3.275	ug/l	98

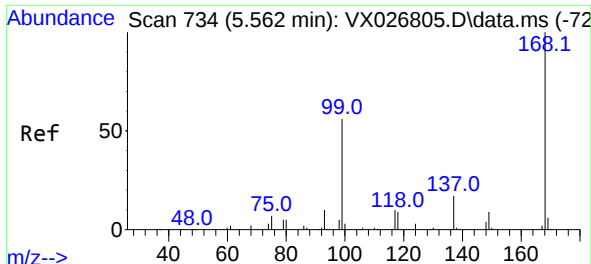
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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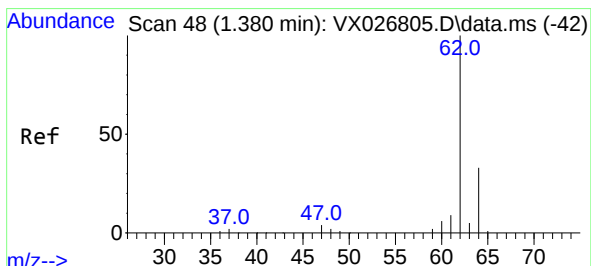
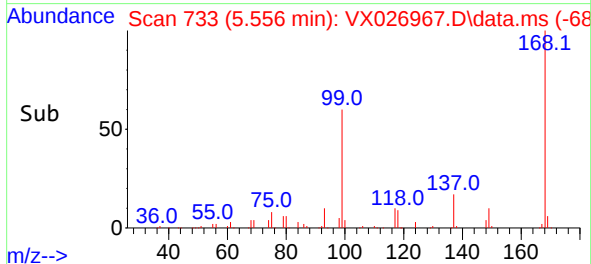
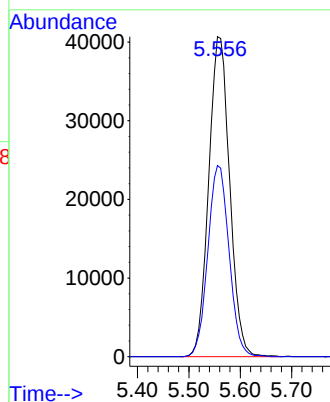
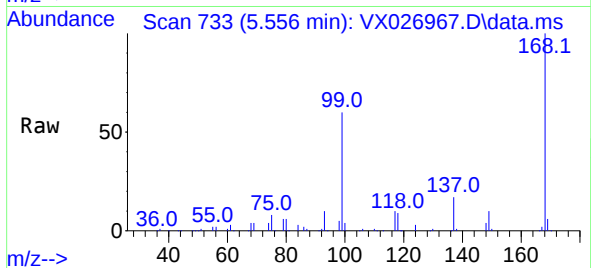




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026967.D
Acq: 11 Feb 2022 15:19

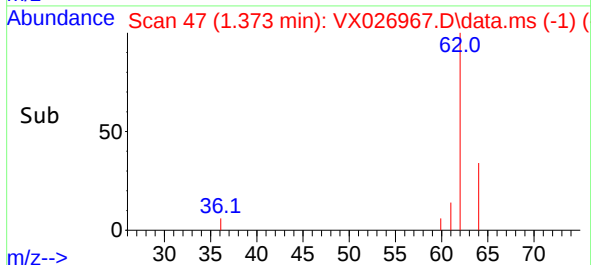
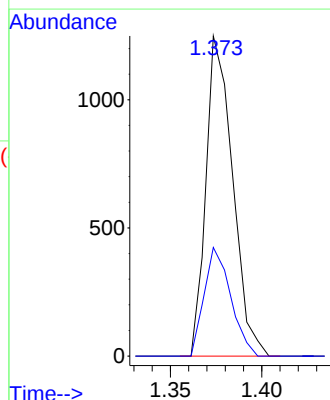
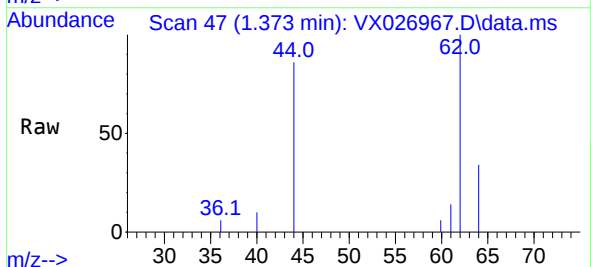
Instrument :
MSVOA_X
ClientSampleId :
MW-30DDL

Tgt Ion:168 Resp: 115186
Ion Ratio Lower Upper
168 100
99 59.8 50.3 75.5

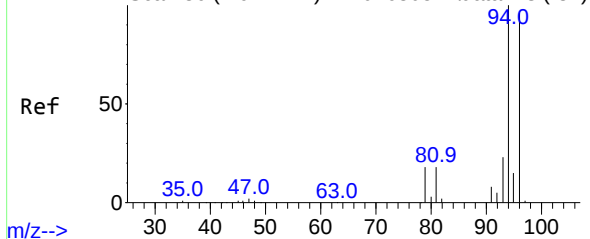


#4
Vinyl Chloride
Concen: 1.039 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.006 min
Lab File: VX026967.D
Acq: 11 Feb 2022 15:19

Tgt Ion: 62 Resp: 1267
Ion Ratio Lower Upper
62 100
64 33.9 26.2 39.2



Abundance Scan 86 (1.611 min): VX026805.D\data.ms (-81)



#5

Bromomethane

Concen: 0.249 ug/l

RT: 1.623 min Scan# 86

Delta R.T. 0.012 min

Lab File: VX026967.D

Acq: 11 Feb 2022 15:19

Instrument :

MSVOA_X

ClientSampleId :

MW-30DDL

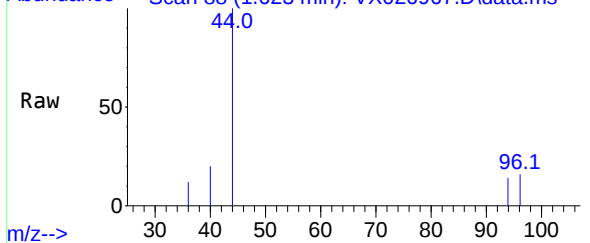
Tgt Ion: 94 Resp: 129

Ion Ratio Lower Upper

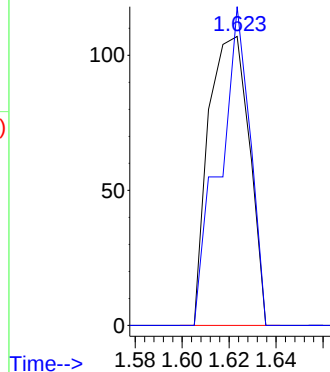
94 100

96 110.3 75.9 113.9

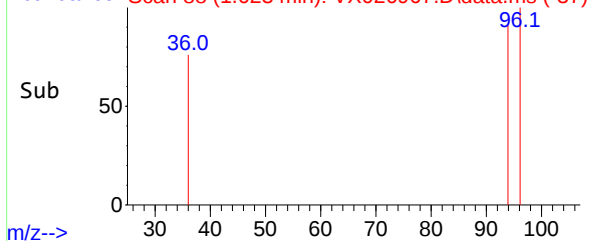
Abundance Scan 88 (1.623 min): VX026967.D\data.ms



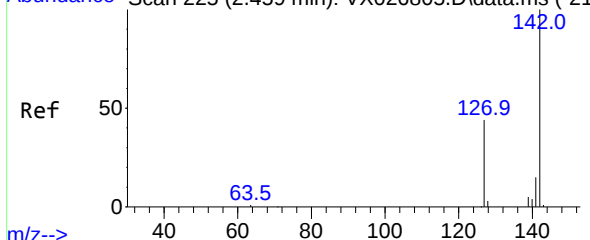
Abundance



Abundance Scan 88 (1.623 min): VX026967.D\data.ms (-37)



Abundance Scan 225 (2.459 min): VX026805.D\data.ms (-21)



#10

Methyl Iodide

Concen: 2.358 ug/l

RT: 2.459 min Scan# 225

Delta R.T. -0.000 min

Lab File: VX026967.D

Acq: 11 Feb 2022 15:19

Tgt Ion: 142 Resp: 178

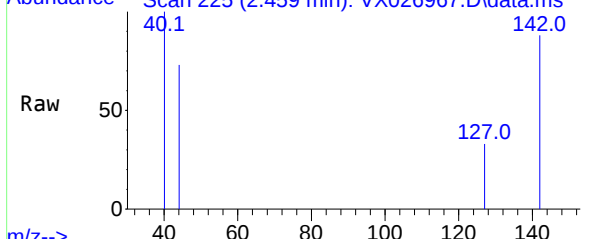
Ion Ratio Lower Upper

142 100

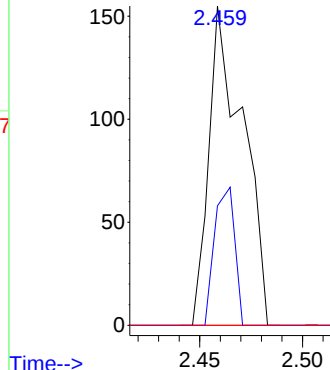
127 25.8 38.1 57.1#

141 0.0 11.2 16.8#

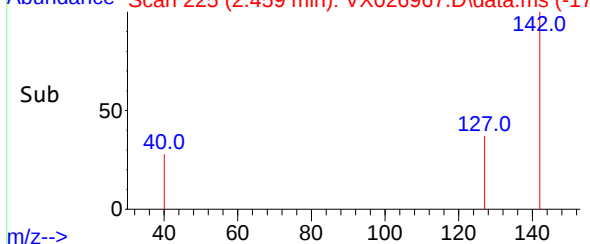
Abundance Scan 225 (2.459 min): VX026967.D\data.ms

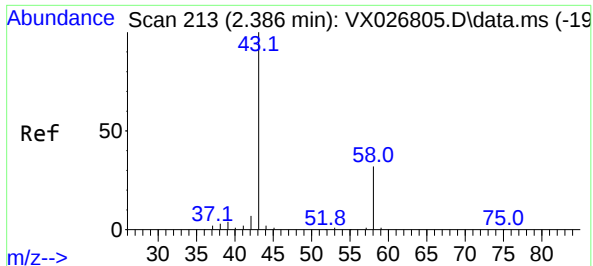


Abundance



Abundance Scan 225 (2.459 min): VX026967.D\data.ms (-17)

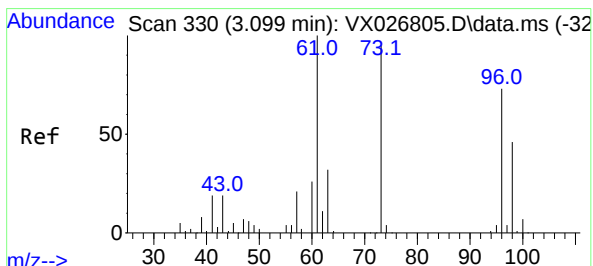
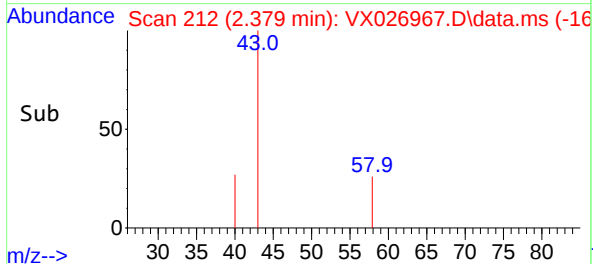
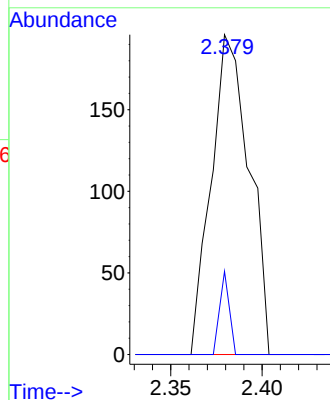
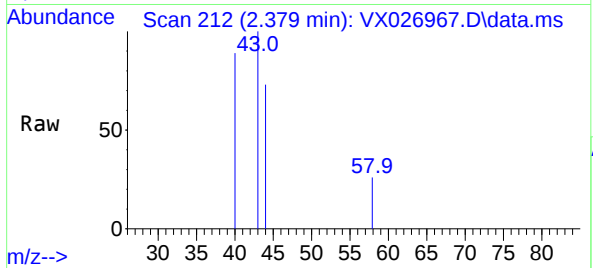




#16
Acetone
Concen: 0.466 ug/l
RT: 2.379 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026967.D
Acq: 11 Feb 2022 15:19

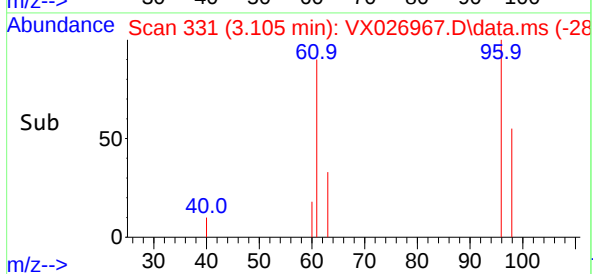
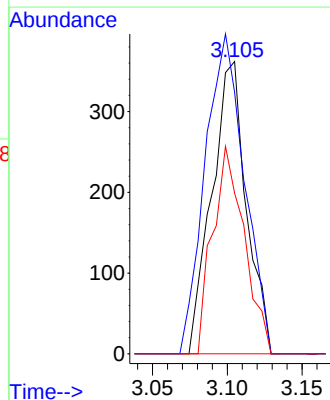
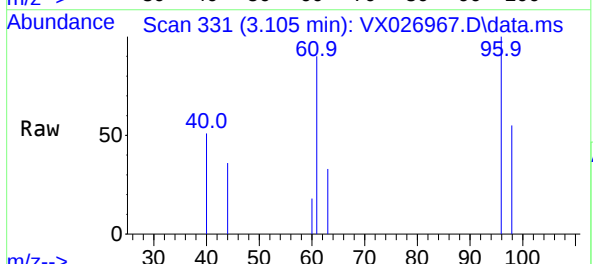
Instrument :
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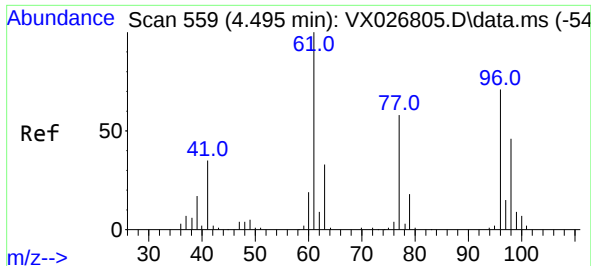
Tgt Ion: 43 Resp: 283
Ion Ratio Lower Upper
43 100
58 26.0 23.0 34.6



#21
trans-1,2-Dichloroethene
Concen: 0.470 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.006 min
Lab File: VX026967.D
Acq: 11 Feb 2022 15:19

Tgt Ion: 96 Resp: 583
Ion Ratio Lower Upper
96 100
61 89.5 112.9 169.3#
98 55.0 49.5 74.3

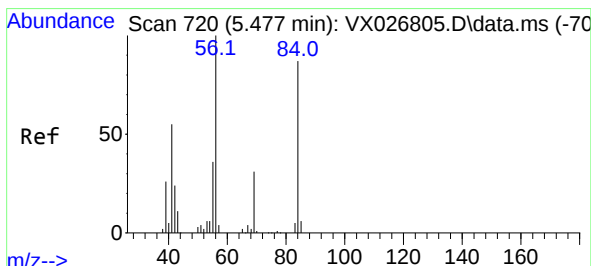
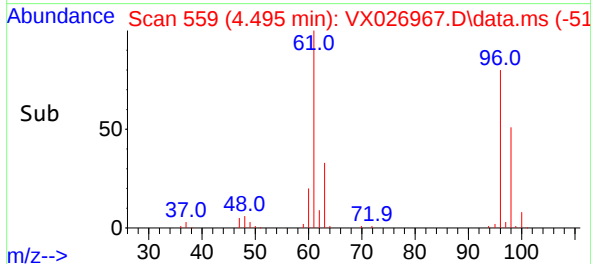
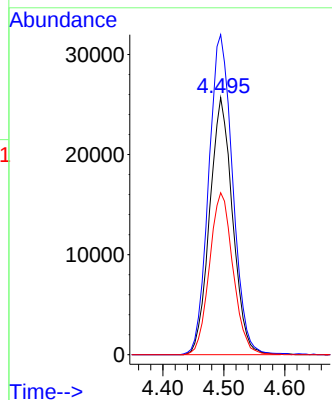
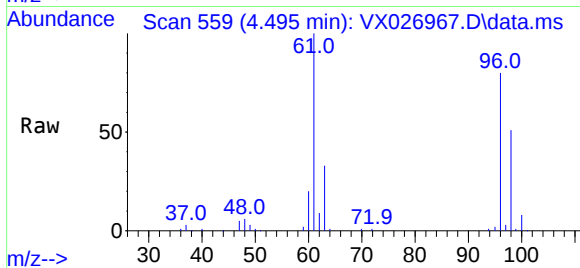




#27
cis-1,2-Dichloroethene
Concen: 47.174 ug/l
RT: 4.495 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX026967.D
Acq: 11 Feb 2022 15:19

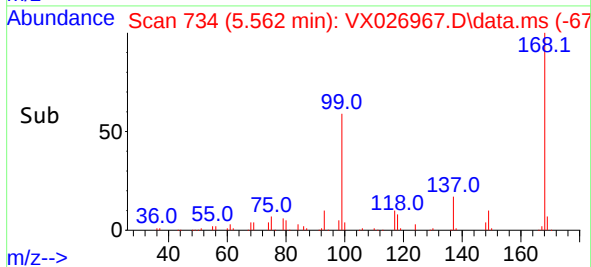
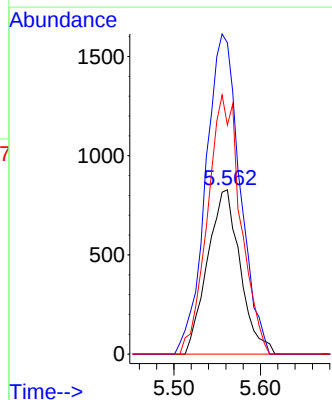
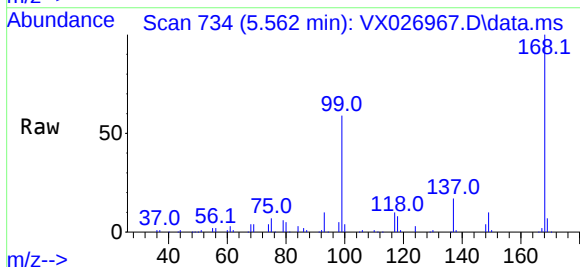
Instrument :
MSVOA_X
ClientSampleId :
MW-30DDL

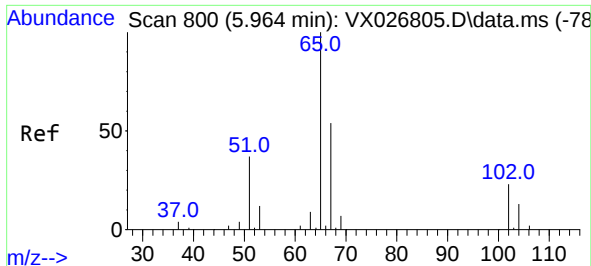
Tgt Ion: 96 Resp: 67188
Ion Ratio Lower Upper
96 100
61 130.1 0.0 296.6
98 64.7 0.0 128.8



#31
Cyclohexane
Concen: 0.990 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX026967.D
Acq: 11 Feb 2022 15:19

Tgt Ion: 56 Resp: 2176
Ion Ratio Lower Upper
56 100
69 189.6 25.8 38.6#
84 139.4 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 54.525 ug/l

RT: 5.958 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX026967.D

Acq: 11 Feb 2022 15:19

Instrument :

MSVOA_X

ClientSampleId :

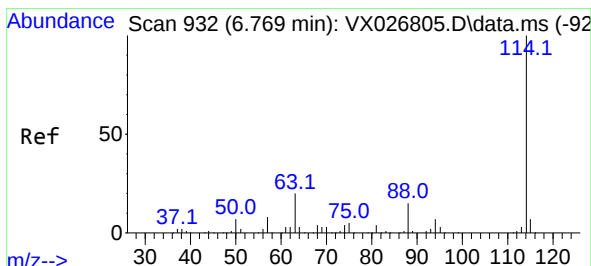
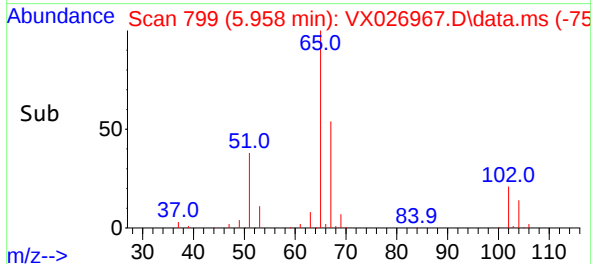
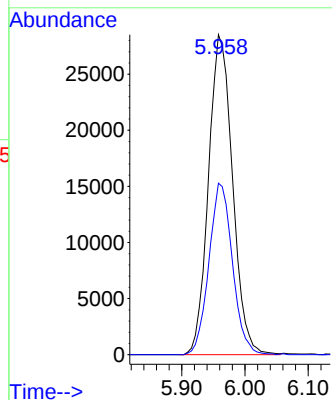
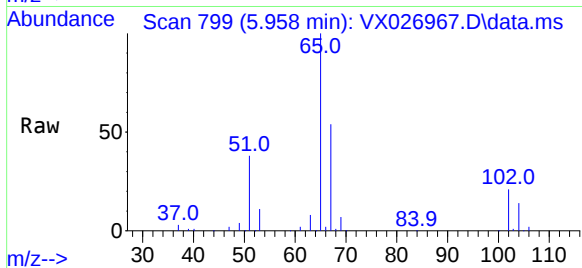
MW-30DDL

Tgt Ion: 65 Resp: 75391

Ion Ratio Lower Upper

65 100

67 52.4 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: VX026967.D

Acq: 11 Feb 2022 15:19

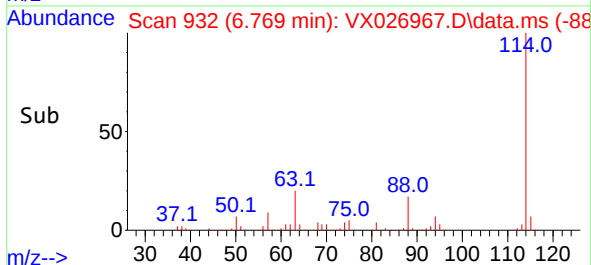
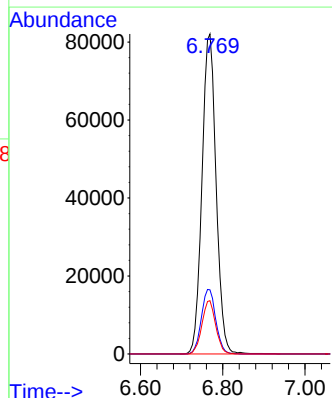
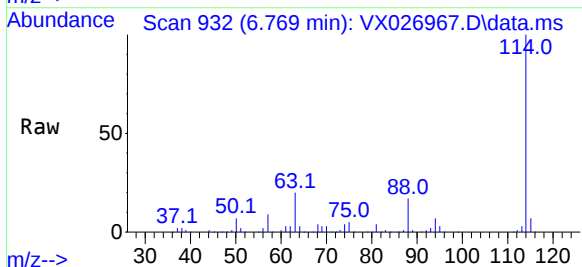
Tgt Ion: 114 Resp: 195551

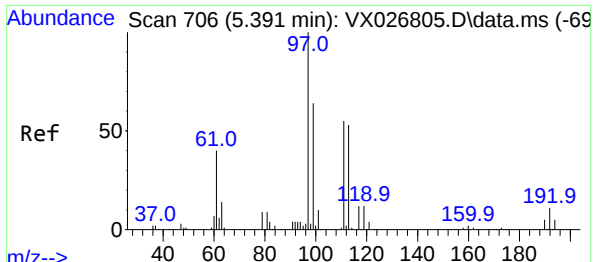
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.8

88 16.7 0.0 33.0

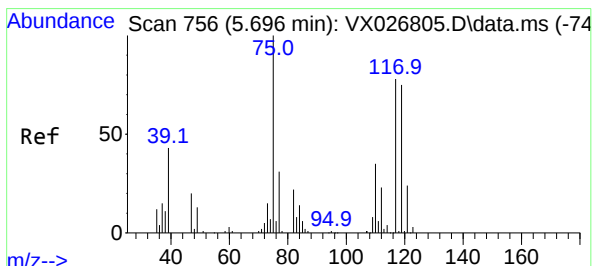
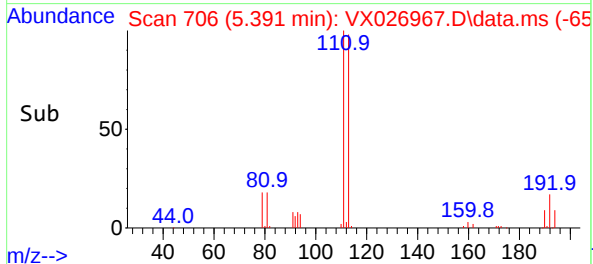
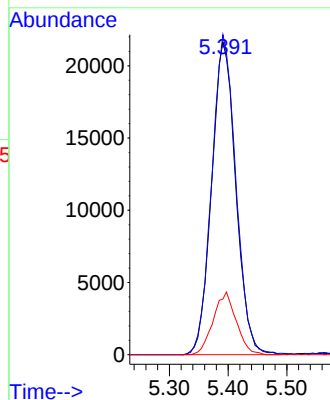
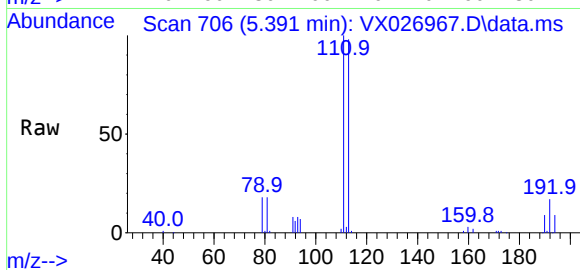




#35
Dibromofluoromethane
Concen: 52.991 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026967.D
Acq: 11 Feb 2022 15:19

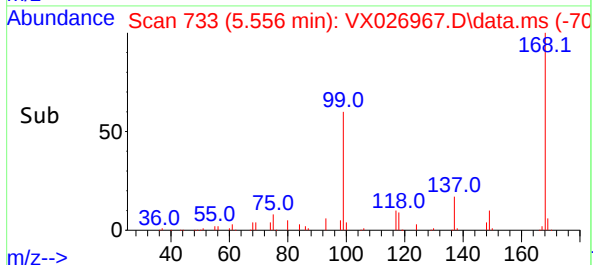
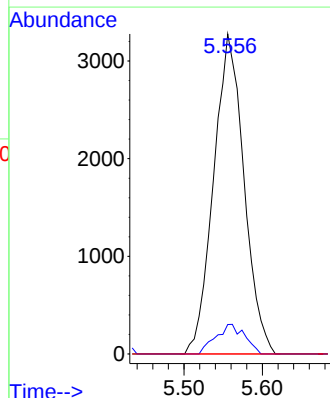
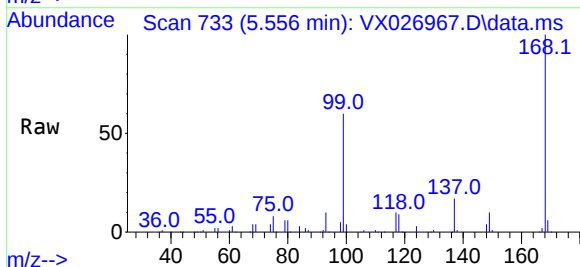
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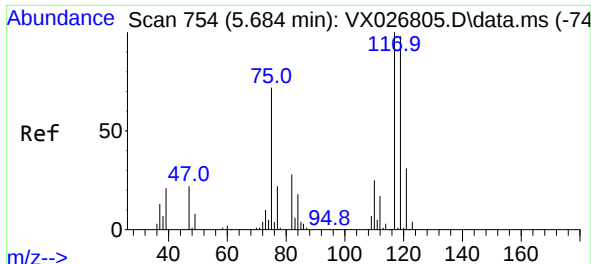
Tgt Ion:113 Resp: 61737
Ion Ratio Lower Upper
113 100
111 102.5 81.2 121.8
192 19.1 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.805 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX026967.D
Acq: 11 Feb 2022 15:19

Tgt Ion: 75 Resp: 8832
Ion Ratio Lower Upper
75 100
110 8.8 17.2 51.6#
77 0.0 24.6 36.8#

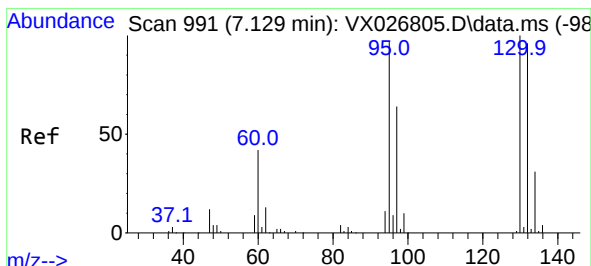
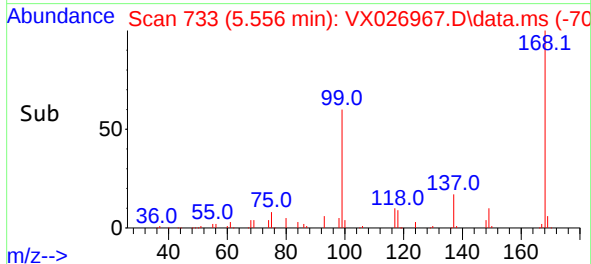
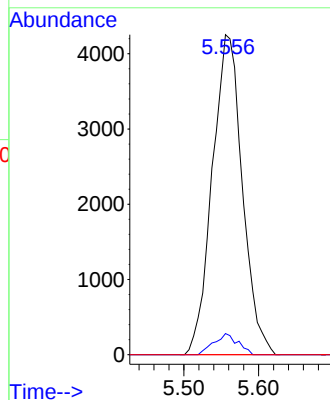
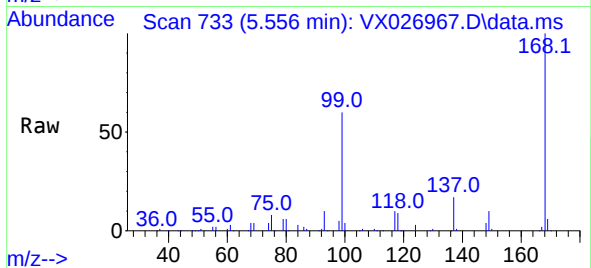




#38
Carbon Tetrachloride
Concen: 6.179 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026967.D
Acq: 11 Feb 2022 15:19

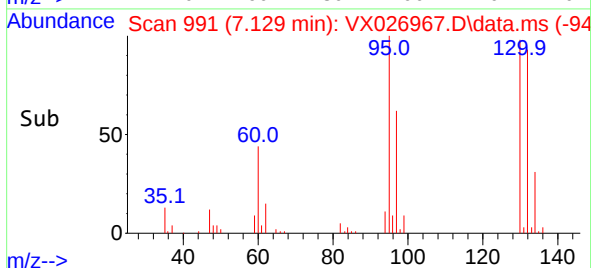
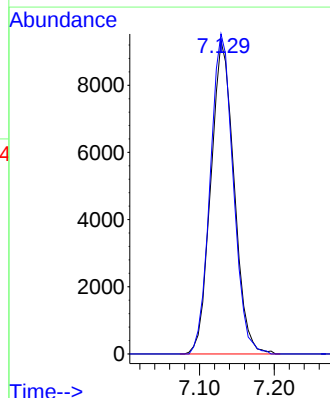
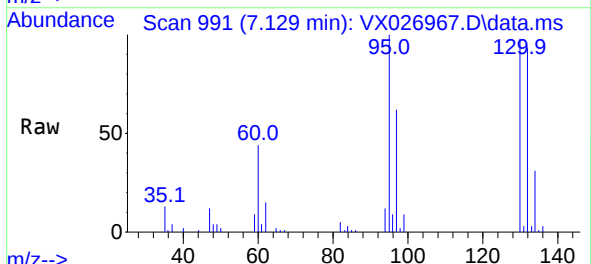
Instrument :
MSVOA_X
ClientSampleId :
MW-30DDL

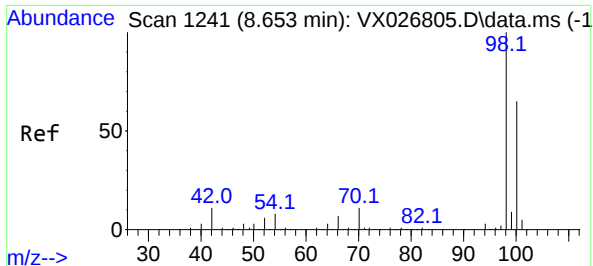
Tgt Ion:117 Resp: 11910
Ion Ratio Lower Upper
117 100
119 6.6 74.7 112.1#
121 0.0 25.4 38.0#



#44
Trichloroethene
Concen: 12.533 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX026967.D
Acq: 11 Feb 2022 15:19

Tgt Ion:130 Resp: 20158
Ion Ratio Lower Upper
130 100
95 102.3 0.0 202.6

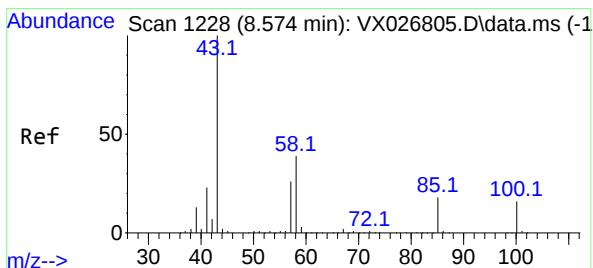
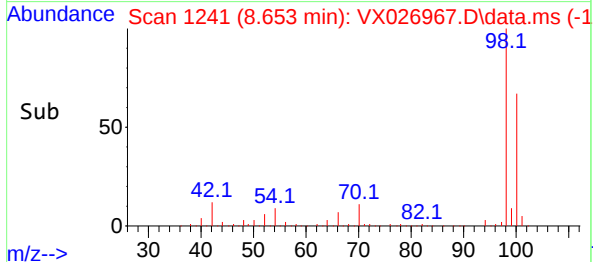
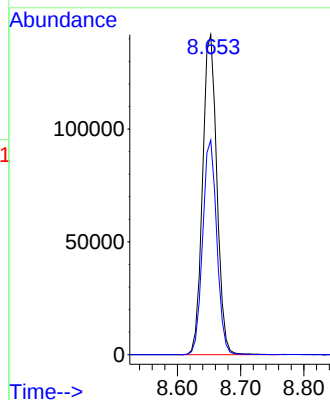
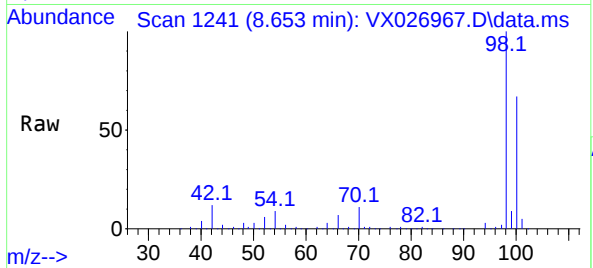




#50
Toluene-d8
Concen: 52.113 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026967.D
Acq: 11 Feb 2022 15:19

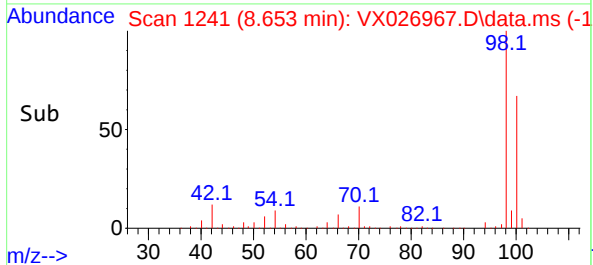
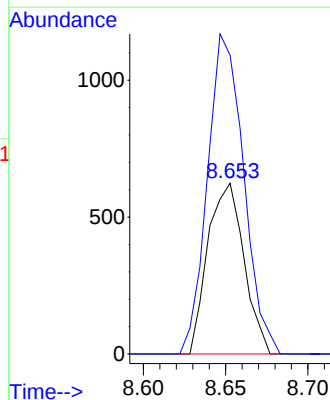
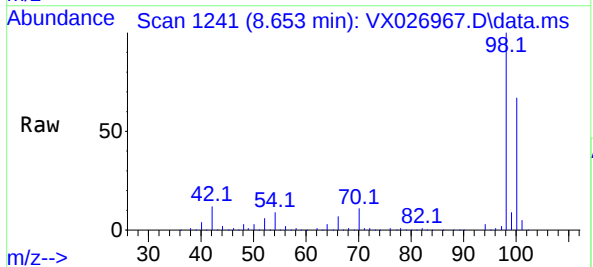
Instrument :
MSVOA_X
ClientSampleId :
MW-30DDL

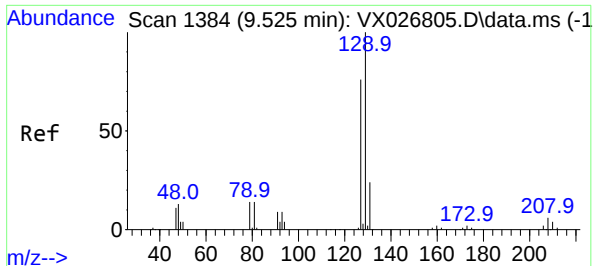
Tgt Ion: 98 Resp: 222865
Ion Ratio Lower Upper
98 100
100 66.3 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.487 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX026967.D
Acq: 11 Feb 2022 15:19

Tgt Ion: 43 Resp: 949
Ion Ratio Lower Upper
43 100
58 188.5 30.5 45.7#

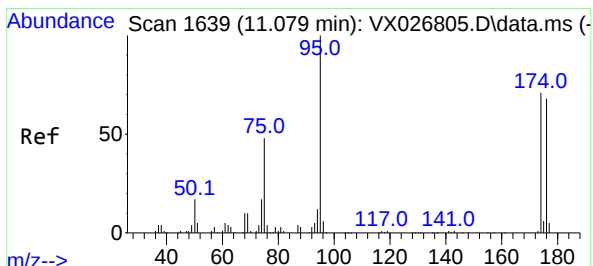
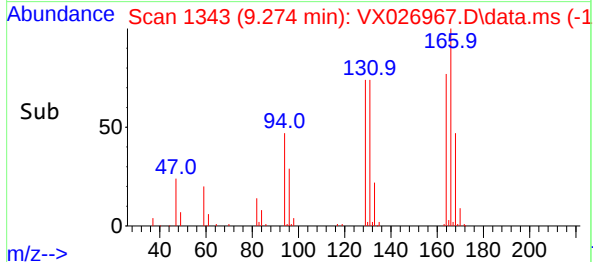
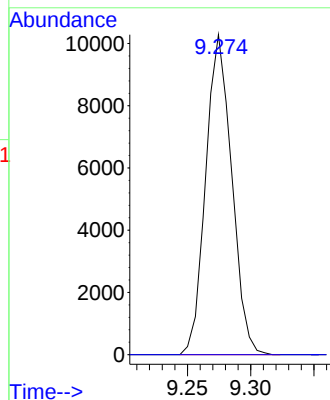
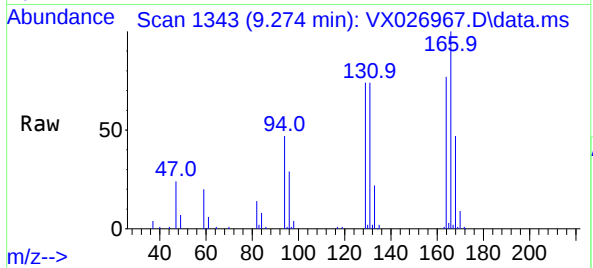




#60
Dibromochloromethane
Concen: 11.138 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX026967.D
Acq: 11 Feb 2022 15:19

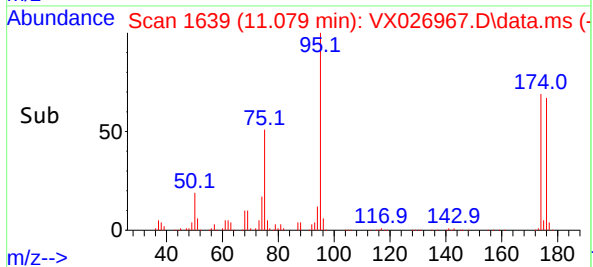
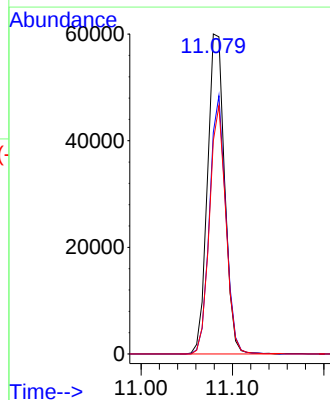
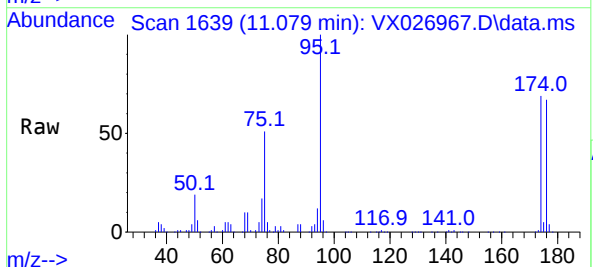
Instrument :
MSVOA_X
ClientSampleId :
MW-30DDL

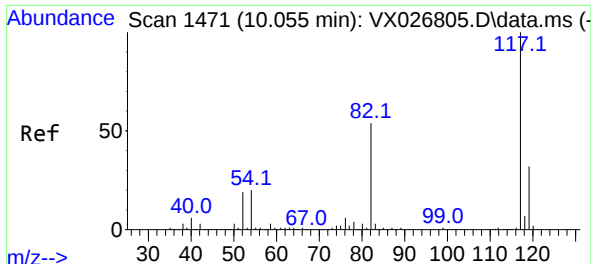
Tgt Ion:129 Resp: 14714
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 51.852 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026967.D
Acq: 11 Feb 2022 15:19

Tgt Ion: 95 Resp: 78070
Ion Ratio Lower Upper
95 100
174 76.4 0.0 148.6
176 73.8 0.0 141.4

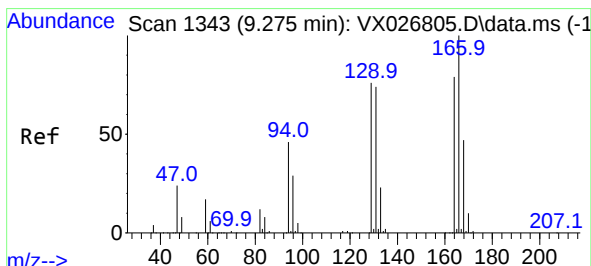
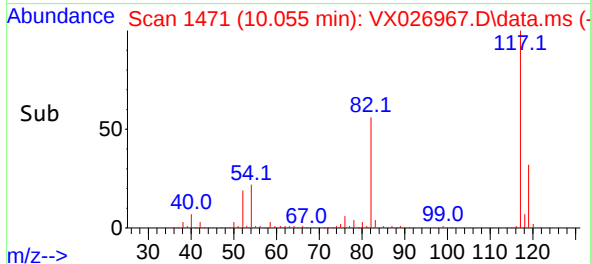
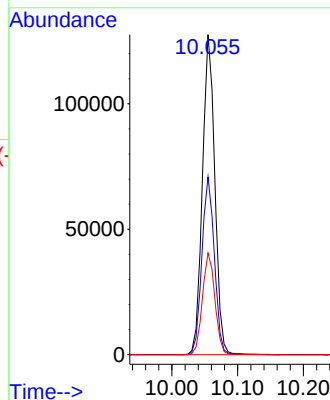
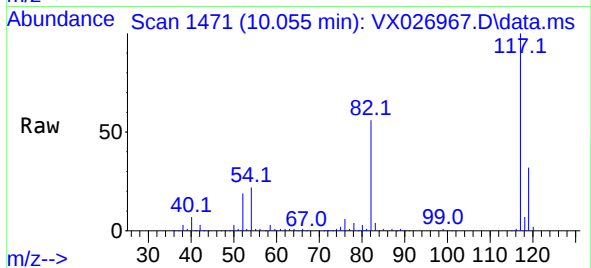




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026967.D
Acq: 11 Feb 2022 15:19

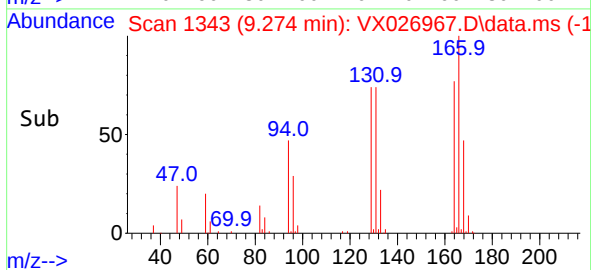
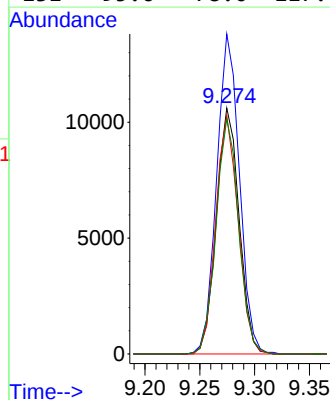
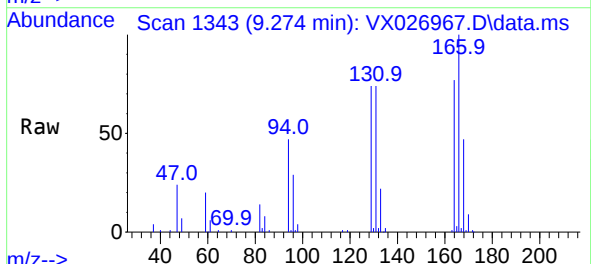
Instrument :
MSVOA_X
ClientSampleId :
MW-30DDL

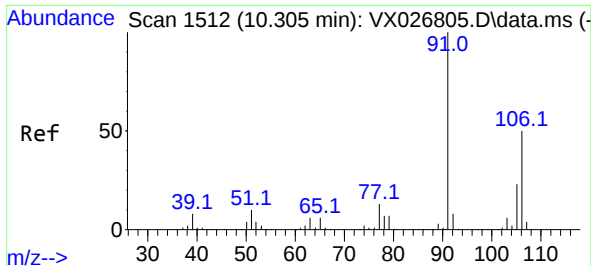
Tgt Ion:117 Resp: 167305
Ion Ratio Lower Upper
117 100
82 55.5 45.2 67.8
119 31.8 26.2 39.2



#64
Tetrachloroethene
Concen: 9.113 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX026967.D
Acq: 11 Feb 2022 15:19

Tgt Ion:164 Resp: 15313
Ion Ratio Lower Upper
164 100
166 130.1 101.8 152.6
129 96.9 83.3 124.9
131 95.6 78.0 117.0

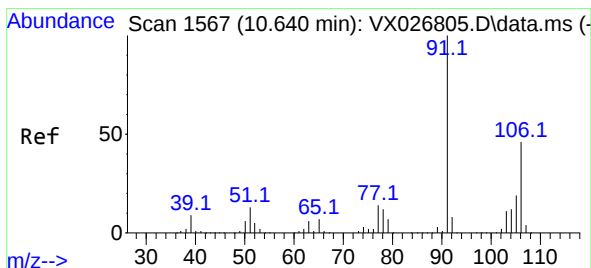
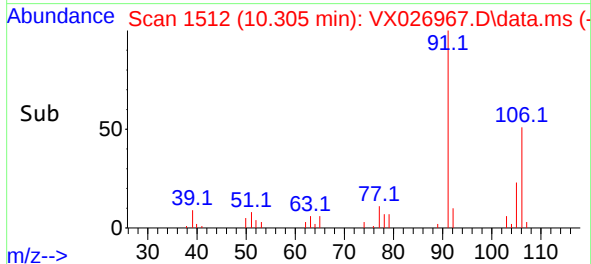
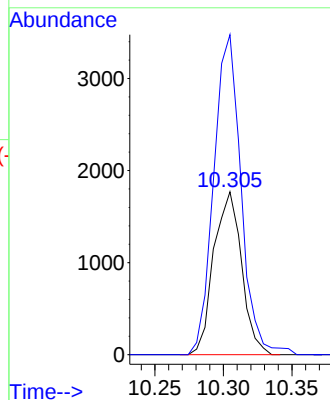
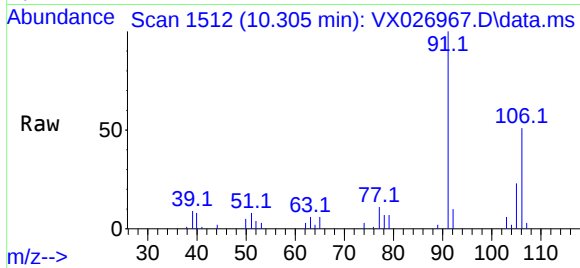




#68
m/p-Xylenes
Concen: 1.060 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX026967.D
Acq: 11 Feb 2022 15:19

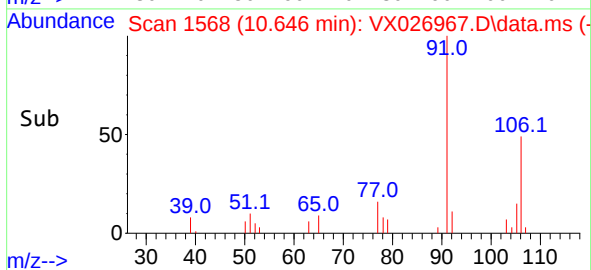
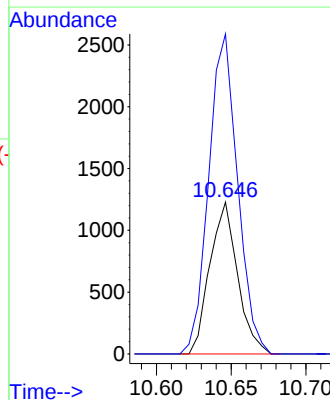
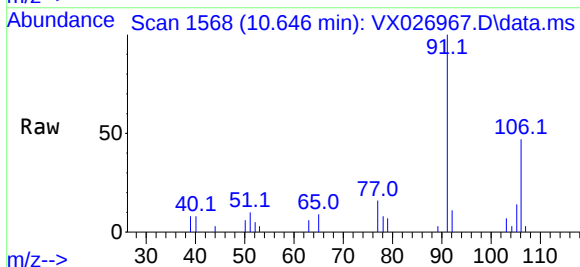
Instrument :
MSVOA_X
ClientSampleId :
MW-30DDL

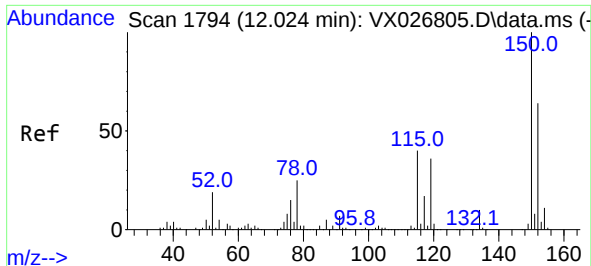
Tgt Ion:106 Resp: 2498
Ion Ratio Lower Upper
106 100
91 193.0 165.3 247.9



#69
o-Xylene
Concen: 0.686 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX026967.D
Acq: 11 Feb 2022 15:19

Tgt Ion:106 Resp: 1583
Ion Ratio Lower Upper
106 100
91 219.5 109.7 329.0

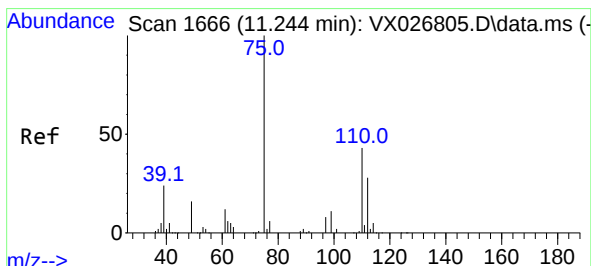
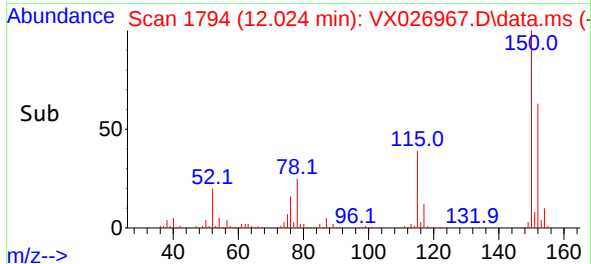
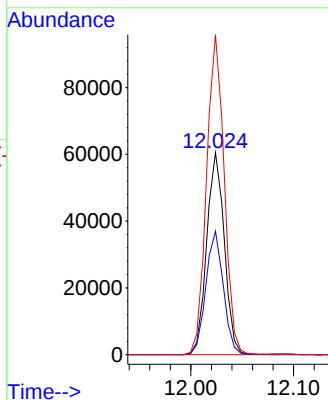
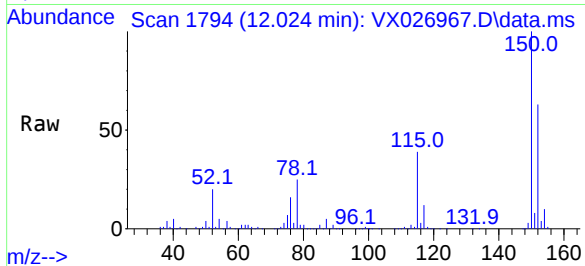




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026967.D
Acq: 11 Feb 2022 15:19

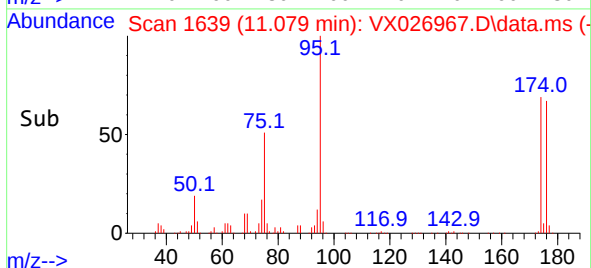
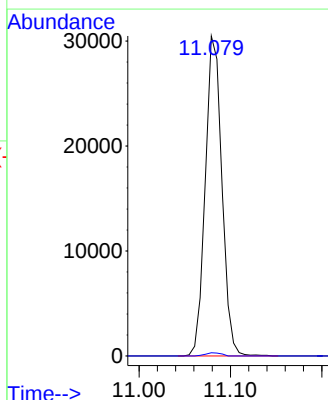
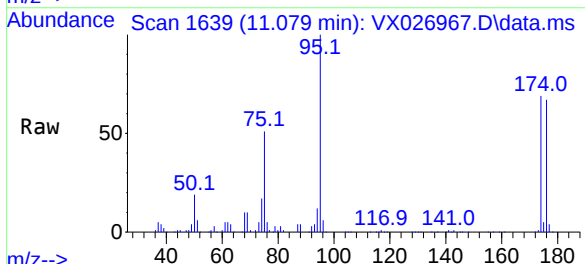
Instrument :
MSVOA_X
ClientSampleId :
MW-30DDL

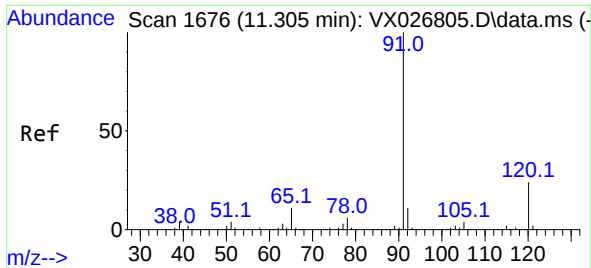
Tgt Ion:152 Resp: 72047
Ion Ratio Lower Upper
152 100
115 60.8 44.2 132.6
150 158.9 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 24.368 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026967.D
Acq: 11 Feb 2022 15:19

Tgt Ion: 75 Resp: 38432
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#

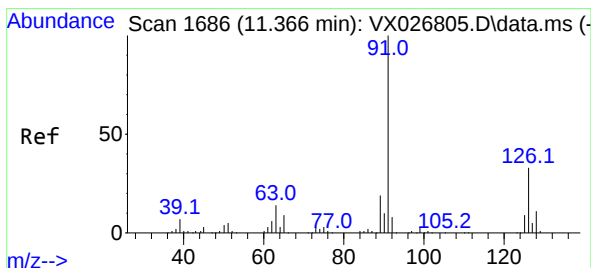
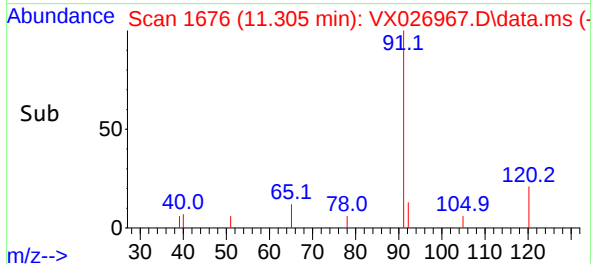
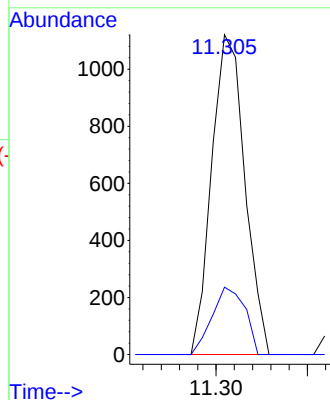
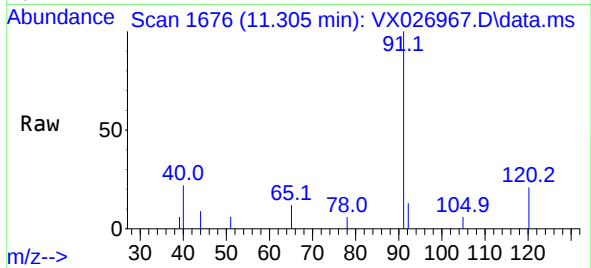




#78
n-propylbenzene
Concen: 0.225 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX026967.D
Acq: 11 Feb 2022 15:19

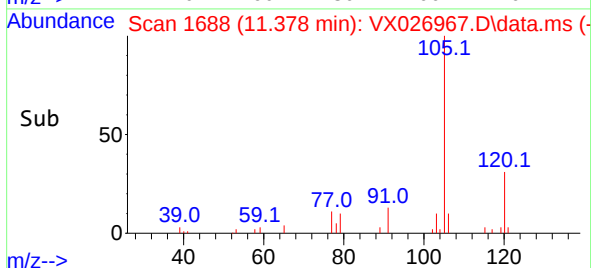
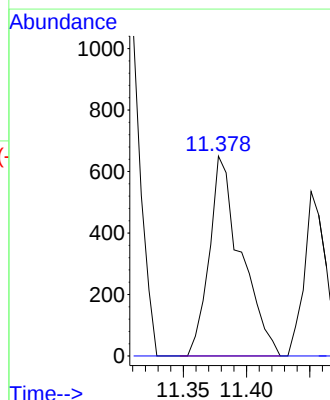
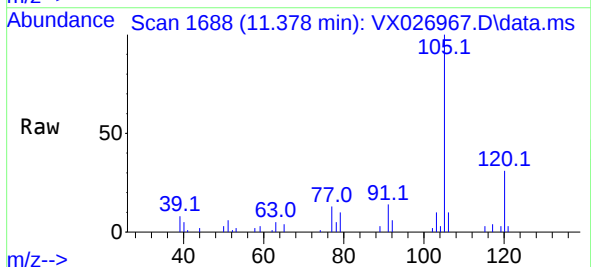
Instrument :
MSVOA_X
ClientSampleId :
MW-30DDL

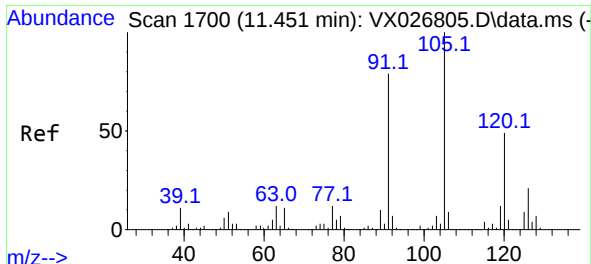
Tgt Ion: 91 Resp: 1414
Ion Ratio Lower Upper
91 100
120 20.9 11.6 34.7



#79
2-Chlorotoluene
Concen: 0.293 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.012 min
Lab File: VX026967.D
Acq: 11 Feb 2022 15:19

Tgt Ion: 91 Resp: 1138
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.2#

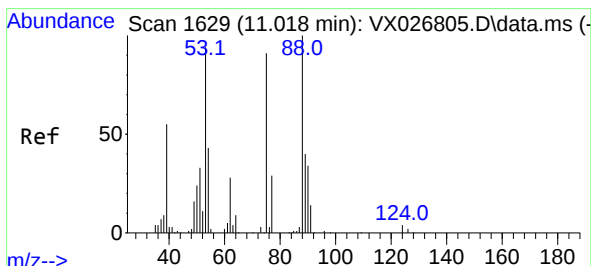
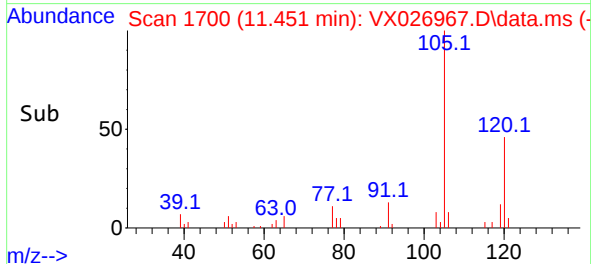
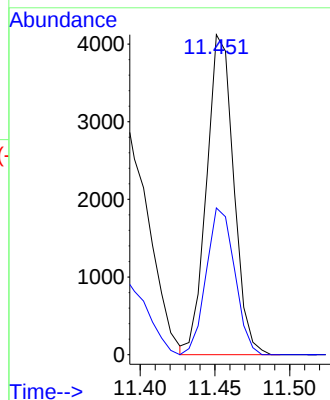
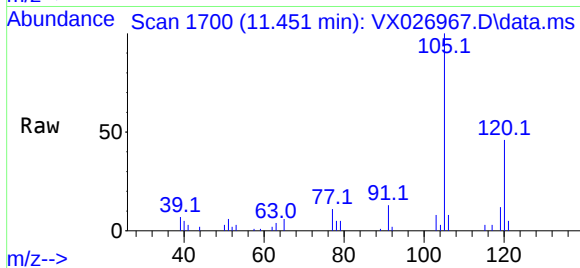




#80
1,3,5-Trimethylbenzene
Concen: 1.113 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026967.D
Acq: 11 Feb 2022 15:19

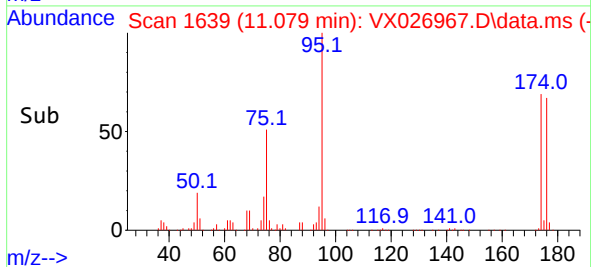
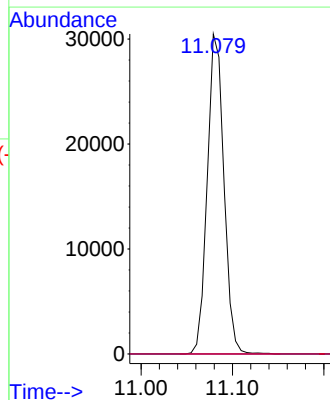
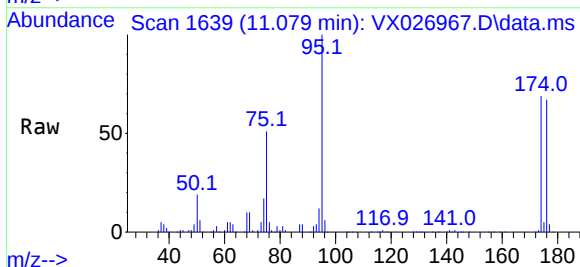
Instrument :
MSVOA_X
ClientSampleId :
MW-30DDL

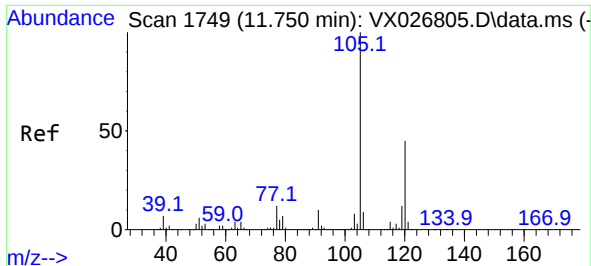
Tgt Ion:105 Resp: 5199
Ion Ratio Lower Upper
105 100
120 48.0 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 74.414 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026967.D
Acq: 11 Feb 2022 15:19

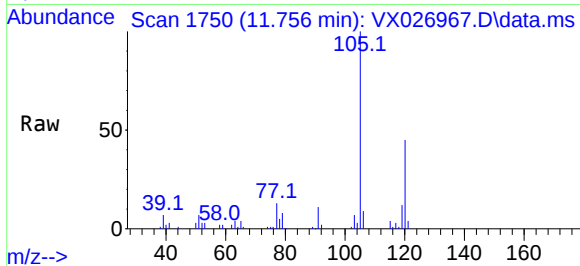
Tgt Ion: 75 Resp: 38432
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#





#84
 1,2,4-Trimethylbenzene
 Concen: 3.275 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX026967.D
 Acq: 11 Feb 2022 15:19

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-30DDL



Tgt Ion:105 Resp: 15430
 Ion Ratio Lower Upper
 105 100
 120 44.7 21.9 65.5

