

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
 Data File : VX026966.D
 Acq On : 11 Feb 2022 14:56
 Operator : JC/MD
 Sample : N1497-01DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7SDL

Quant Time: Feb 12 04:29:29 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)

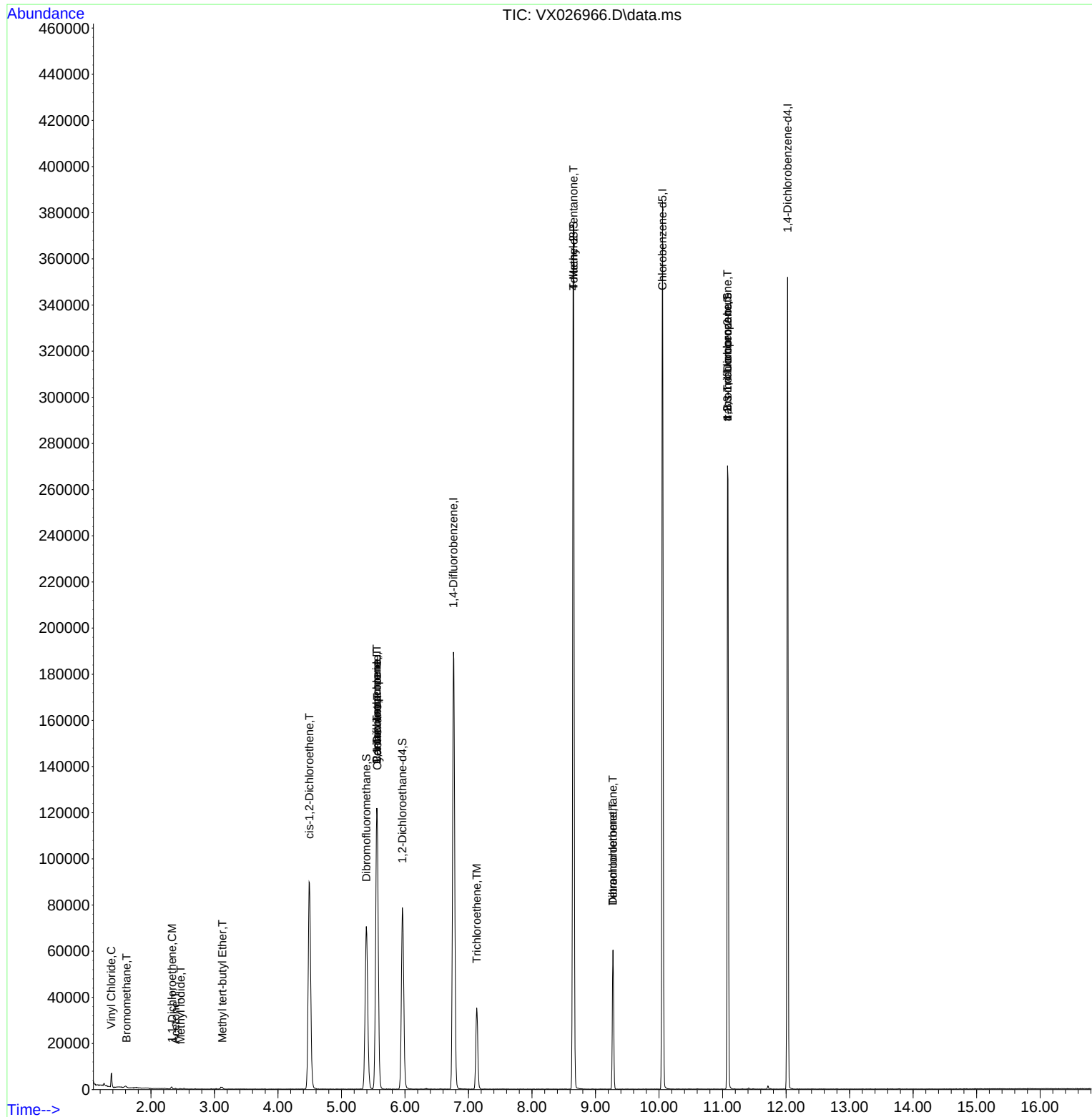
Internal Standards						
1) Pentafluorobenzene	5.556	168	116934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	196264	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75917	54.084	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.160%	
35) Dibromofluoromethane	5.391	113	61399	52.509	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.020%	
50) Toluene-d8	8.653	98	223770	52.134	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.260%	
62) 4-Bromofluorobenzene	11.079	95	76894	50.885	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.780%	
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	4048	3.269	ug/l	96
5) Bromomethane	1.617	94	127	0.242	ug/l	90
10) Methyl Iodide	2.465	142	222	2.382	ug/l #	76
12) 1,1-Dichloroethene	2.331	96	341	0.285	ug/l #	77
16) Acetone	2.386	43	306	0.496	ug/l #	46
19) Methyl tert-butyl Ether	3.123	73	917	0.216	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	57545	39.799	ug/l	88
31) Cyclohexane	5.562	56	2185	0.980	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9103	4.935	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12272	6.344	ug/l #	16
44) Trichloroethene	7.129	130	13962	8.649	ug/l	92
51) 4-Methyl-2-Pentanone	8.653	43	999	0.511	ug/l #	1
60) Dibromochloromethane	9.275	129	11141	8.403	ug/l #	11
64) Tetrachloroethene	9.275	164	11587	6.906	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	38467	24.898	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	38467	75.958	ug/l #	4

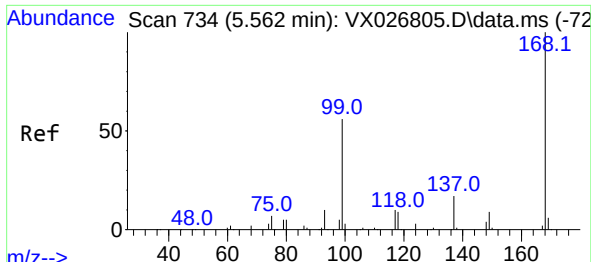
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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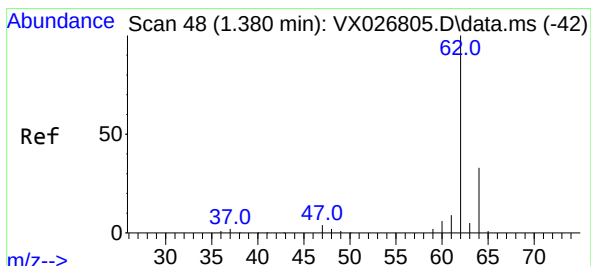
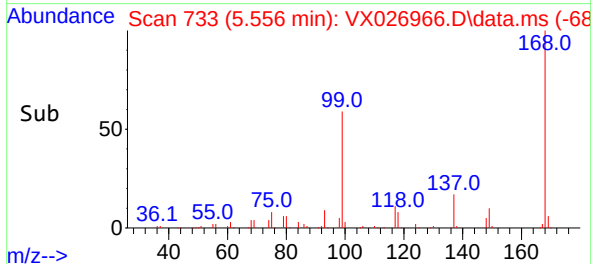
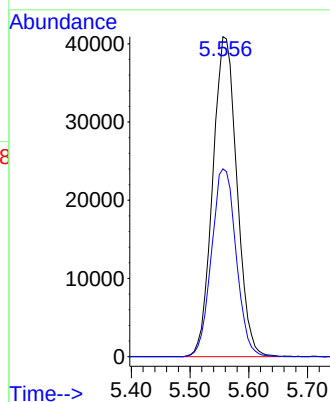
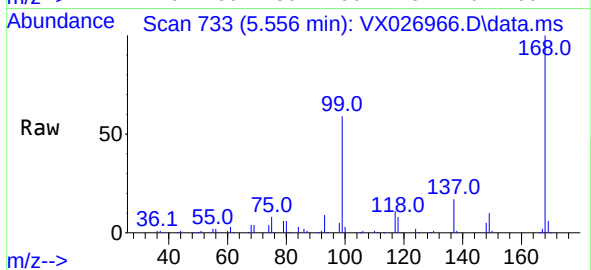




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026966.D
Acq: 11 Feb 2022 14:56

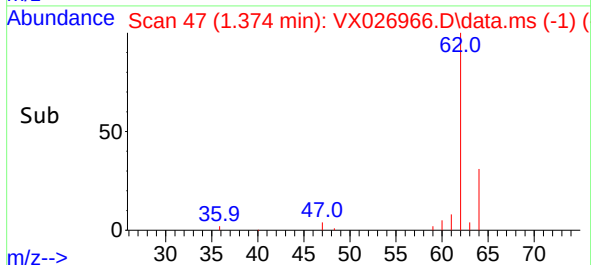
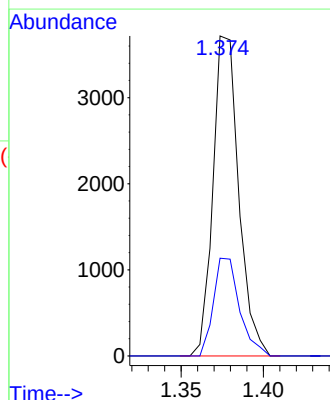
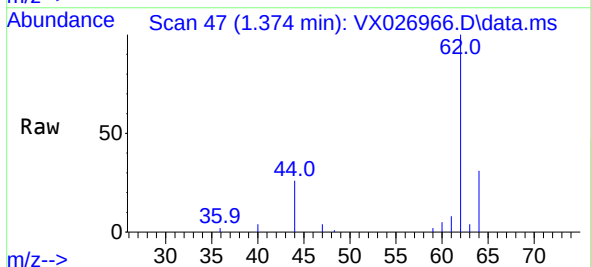
Instrument :
MSVOA_X
ClientSampleId :
MW-7SDL

Tgt Ion:168 Resp: 116934
Ion Ratio Lower Upper
168 100
99 58.7 50.3 75.5

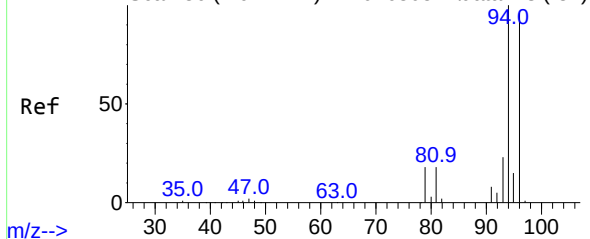


#4
Vinyl Chloride
Concen: 3.269 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.006 min
Lab File: VX026966.D
Acq: 11 Feb 2022 14:56

Tgt Ion: 62 Resp: 4048
Ion Ratio Lower Upper
62 100
64 30.6 26.2 39.2



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



#5

Bromomethane

Concen: 0.242 ug/l

RT: 1.617 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX026966.D

Acq: 11 Feb 2022 14:56

Instrument :

MSVOA_X

ClientSampleId :

MW-7SDL

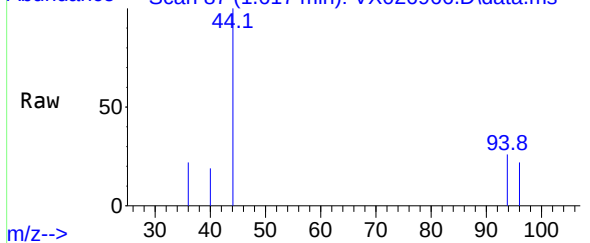
Tgt Ion: 94 Resp: 127

Ion Ratio Lower Upper

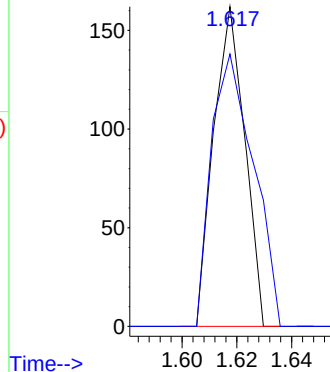
94 100

96 85.2 75.9 113.9

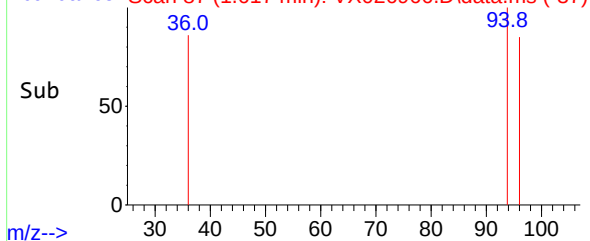
Abundance Scan 87 (1.617 min): VX026966.D\data.ms



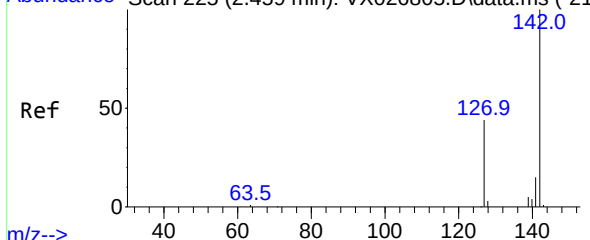
Abundance



Abundance Scan 87 (1.617 min): VX026966.D\data.ms (-37)



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



#10

Methyl Iodide

Concen: 2.382 ug/l

RT: 2.465 min Scan# 226

Delta R.T. 0.006 min

Lab File: VX026966.D

Acq: 11 Feb 2022 14:56

Tgt Ion: 142 Resp: 222

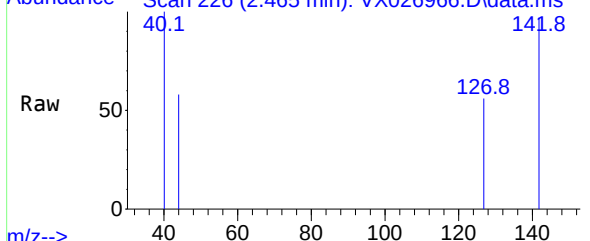
Ion Ratio Lower Upper

142 100

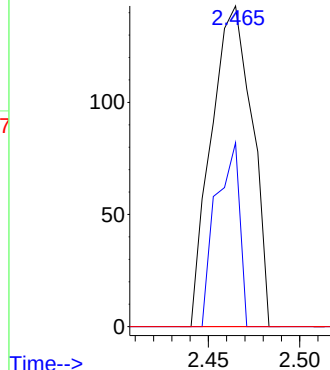
127 33.3 38.1 57.1#

141 0.0 11.2 16.8#

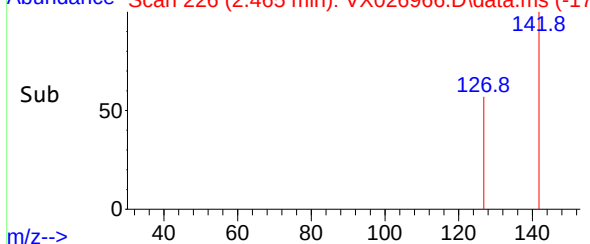
Abundance Scan 226 (2.465 min): VX026966.D\data.ms

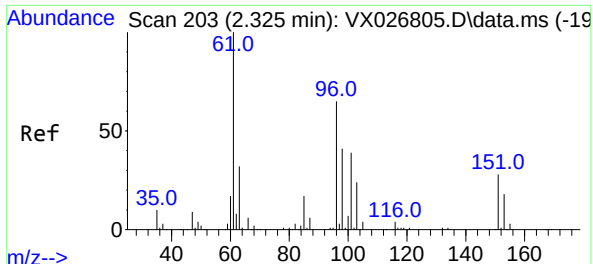


Abundance



Abundance Scan 226 (2.465 min): VX026966.D\data.ms (-17)





#12

1,1-Dichloroethene

Concen: 0.285 ug/l

RT: 2.331 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX026966.D

Acq: 11 Feb 2022 14:56

Instrument :

MSVOA_X

ClientSampleId :

MW-7SDL

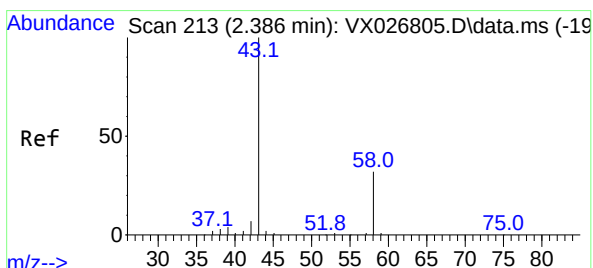
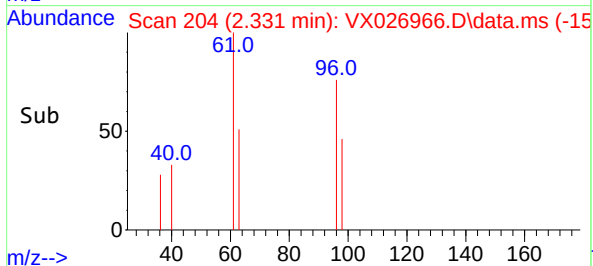
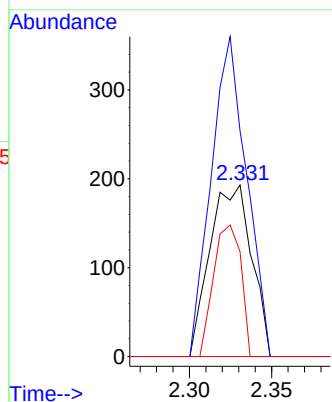
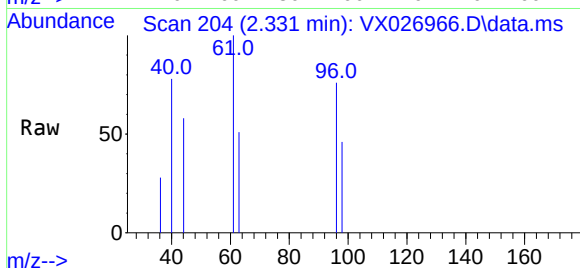
Tgt Ion: 96 Resp: 341

Ion Ratio Lower Upper

96 100

61 131.6 138.5 207.7#

98 61.1 51.8 77.6



#16

Acetone

Concen: 0.496 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX026966.D

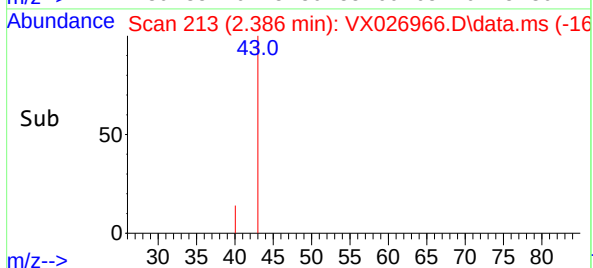
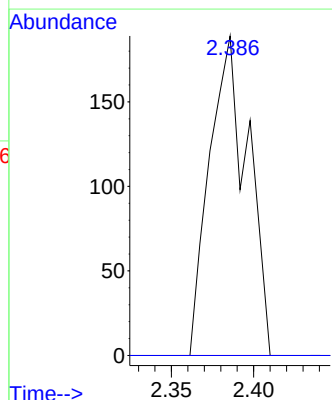
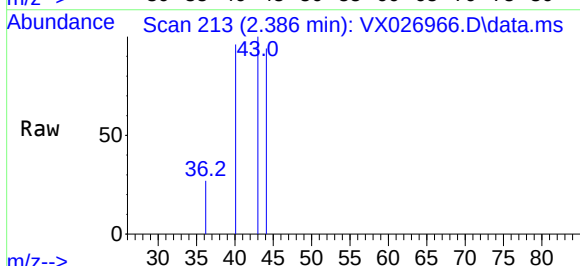
Acq: 11 Feb 2022 14:56

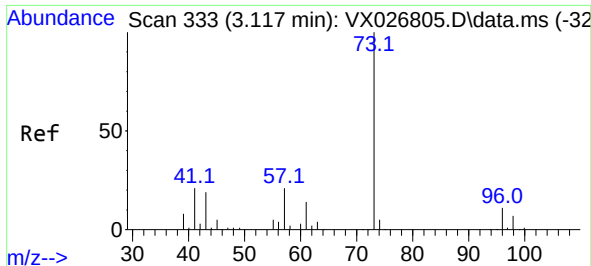
Tgt Ion: 43 Resp: 306

Ion Ratio Lower Upper

43 100

58 0.0 23.0 34.6#

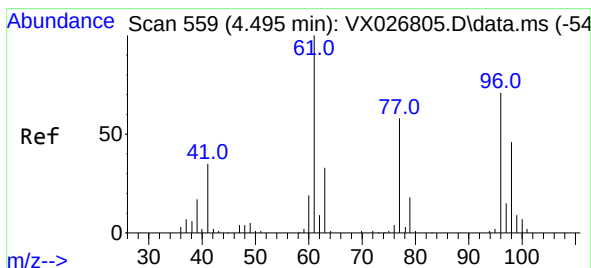
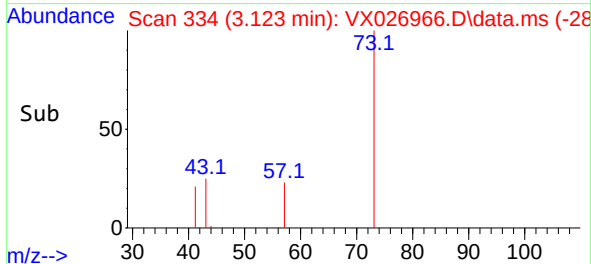
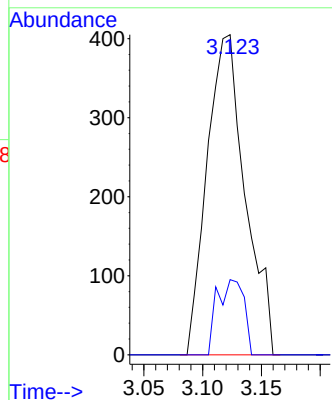
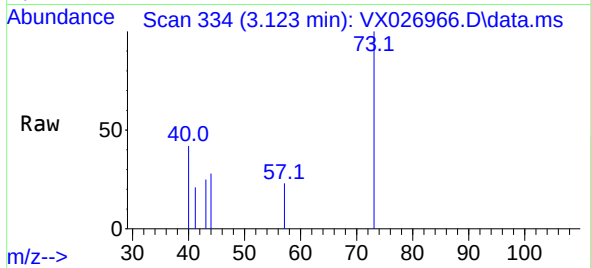




#19
Methyl tert-butyl Ether
Concen: 0.216 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX026966.D
Acq: 11 Feb 2022 14:56

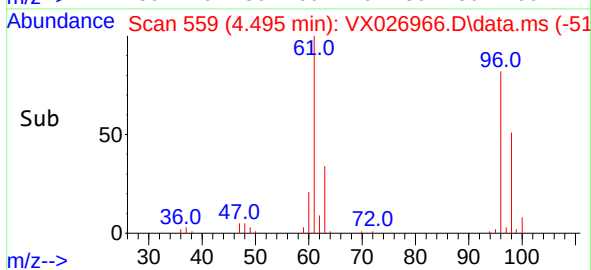
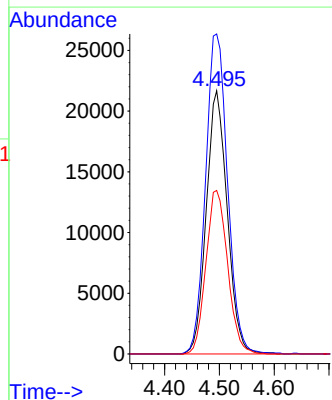
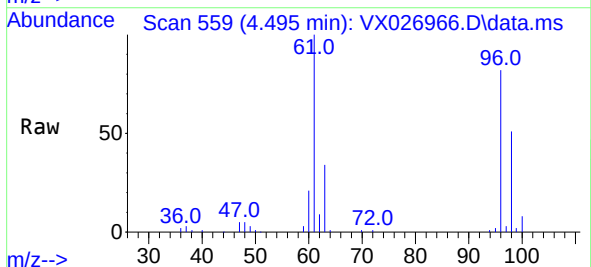
Instrument :
MSVOA_X
ClientSampleId :
MW-7SDL

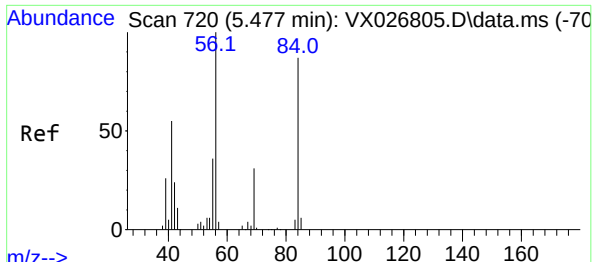
Tgt Ion: 73 Resp: 917
Ion Ratio Lower Upper
73 100
57 23.5 17.4 26.2



#27
cis-1,2-Dichloroethene
Concen: 39.799 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX026966.D
Acq: 11 Feb 2022 14:56

Tgt Ion: 96 Resp: 57545
Ion Ratio Lower Upper
96 100
61 127.4 0.0 296.6
98 64.4 0.0 128.8

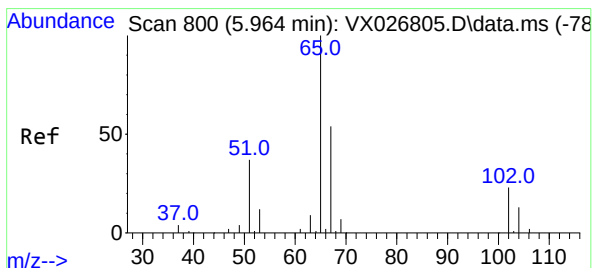
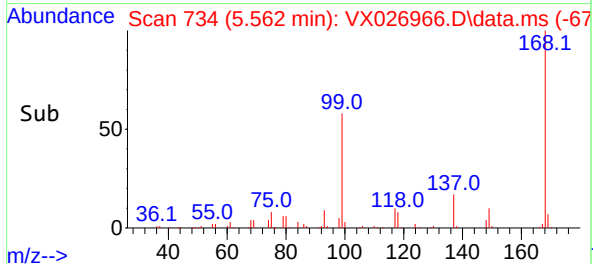
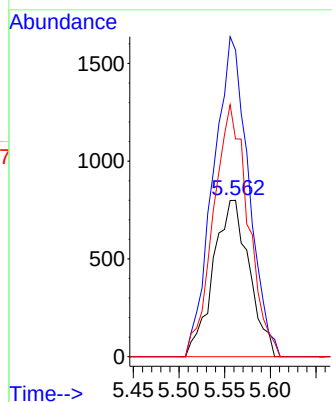
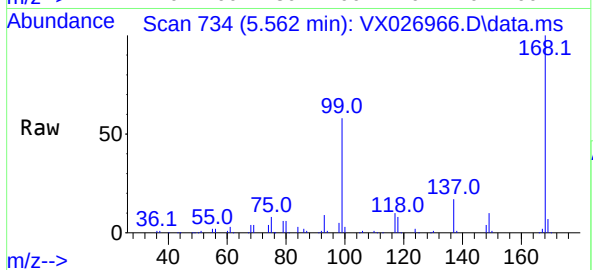




#31
Cyclohexane
Concen: 0.980 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX026966.D
Acq: 11 Feb 2022 14:56

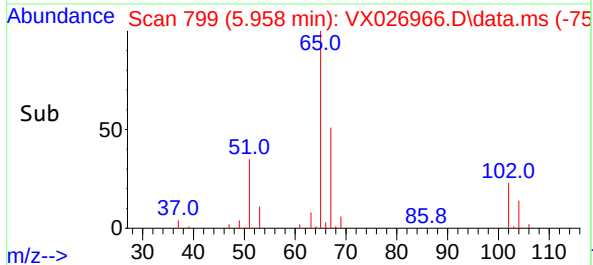
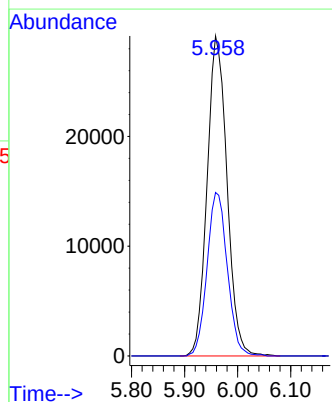
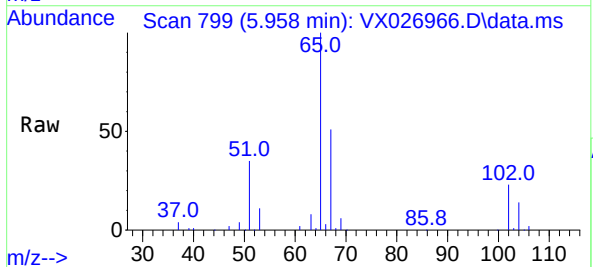
Instrument :
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ClientSampleId :
MW-7SDL

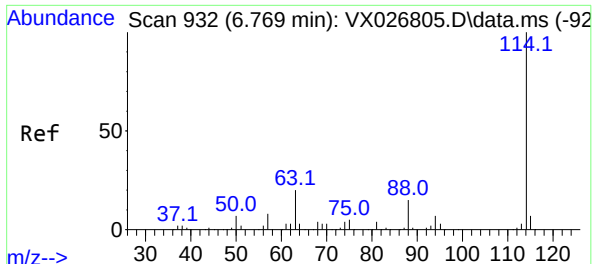
Tgt Ion: 56 Resp: 2185
Ion Ratio Lower Upper
56 100
69 196.0 25.8 38.6#
84 139.3 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 54.084 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026966.D
Acq: 11 Feb 2022 14:56

Tgt Ion: 65 Resp: 75917
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.8

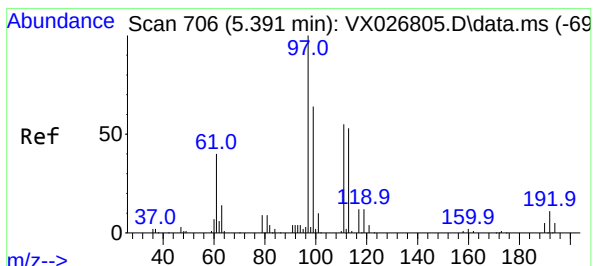
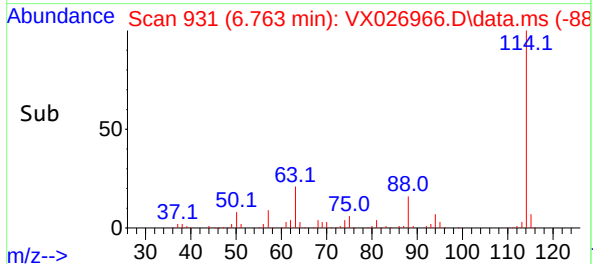
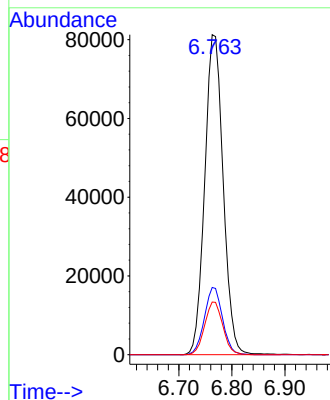
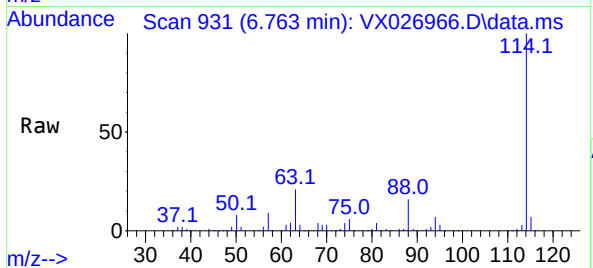




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026966.D
Acq: 11 Feb 2022 14:56

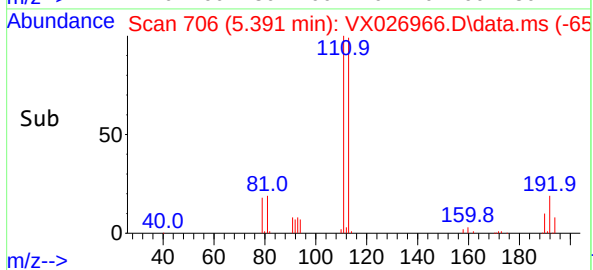
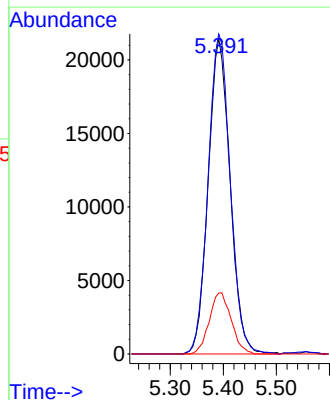
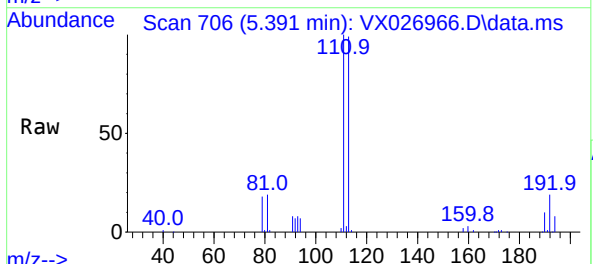
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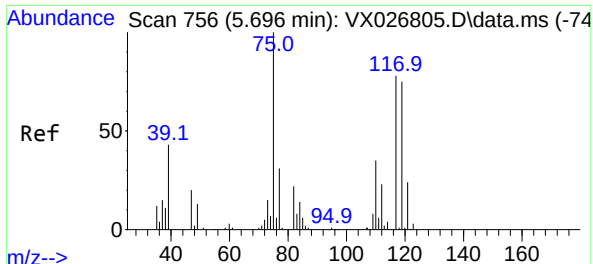
Tgt Ion:114 Resp: 196264
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.8
88 16.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 52.509 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026966.D
Acq: 11 Feb 2022 14:56

Tgt Ion:113 Resp: 61399
Ion Ratio Lower Upper
113 100
111 102.6 81.2 121.8
192 19.5 15.0 22.4

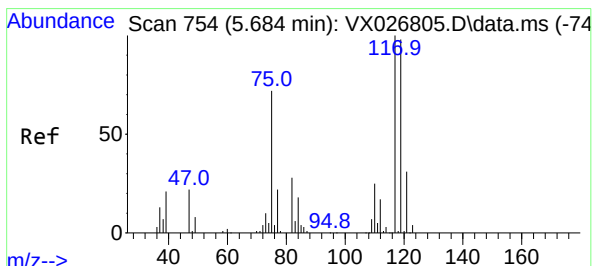
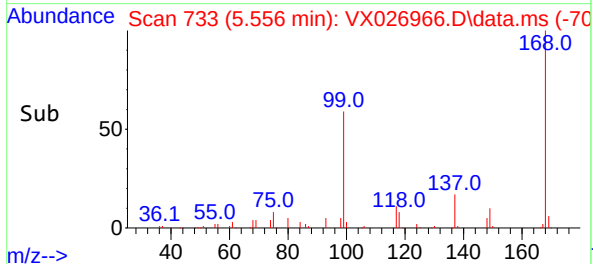
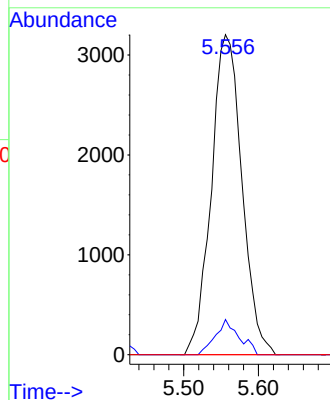
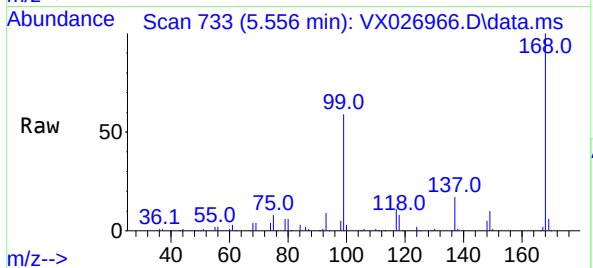




#36
1,1-Dichloropropene
Concen: 4.935 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX026966.D
Acq: 11 Feb 2022 14:56

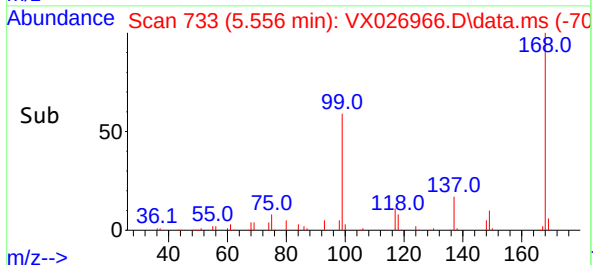
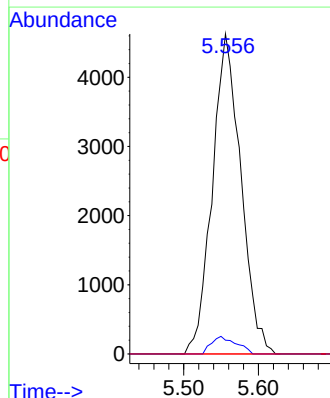
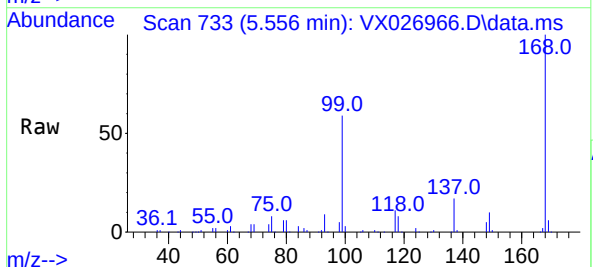
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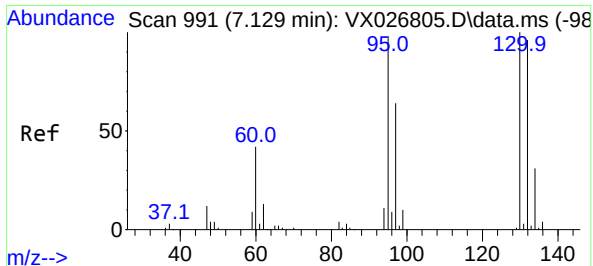
Tgt Ion: 75 Resp: 9103
Ion Ratio Lower Upper
75 100
110 8.5 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.344 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026966.D
Acq: 11 Feb 2022 14:56

Tgt Ion: 117 Resp: 12272
Ion Ratio Lower Upper
117 100
119 4.3 74.7 112.1#
121 0.0 25.4 38.0#

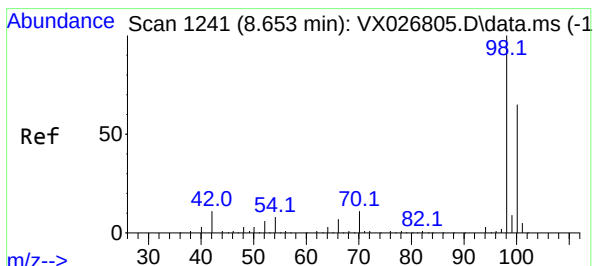
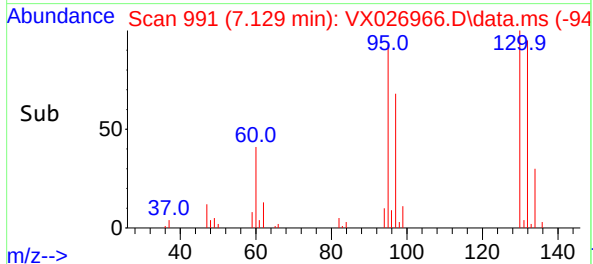
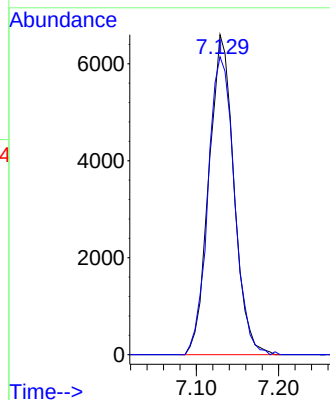
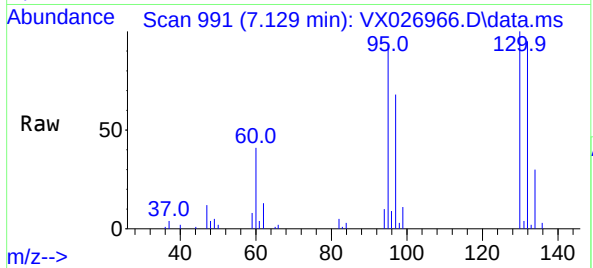




#44
Trichloroethene
Concen: 8.649 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX026966.D
Acq: 11 Feb 2022 14:56

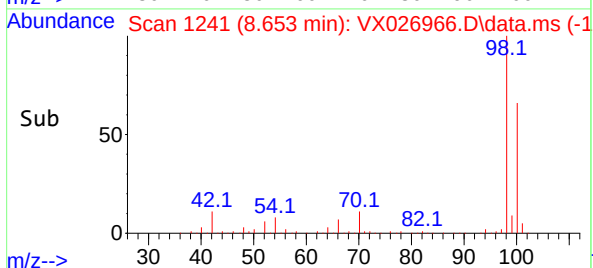
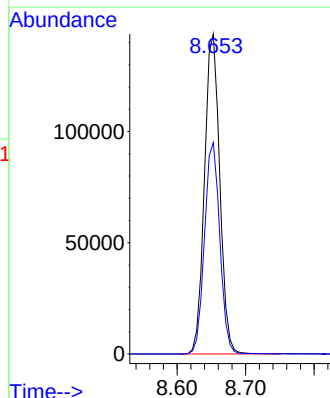
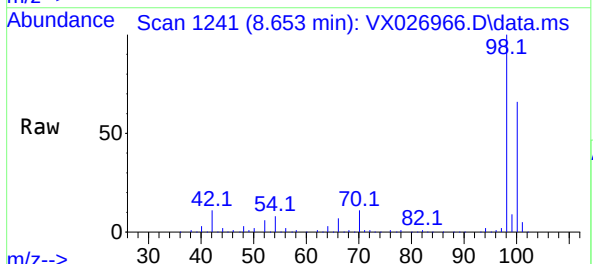
Instrument :
MSVOA_X
ClientSampleId :
MW-7SDL

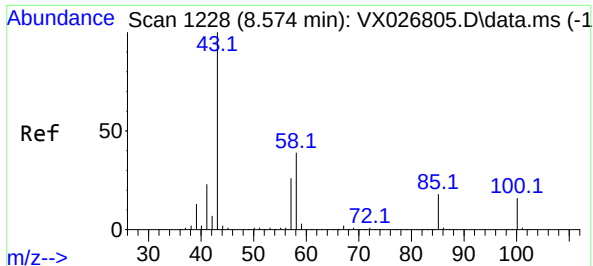
Tgt Ion:130 Resp: 13962
Ion Ratio Lower Upper
130 100
95 93.1 0.0 202.6



#50
Toluene-d8
Concen: 52.134 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026966.D
Acq: 11 Feb 2022 14:56

Tgt Ion: 98 Resp: 223770
Ion Ratio Lower Upper
98 100
100 66.1 53.2 79.8

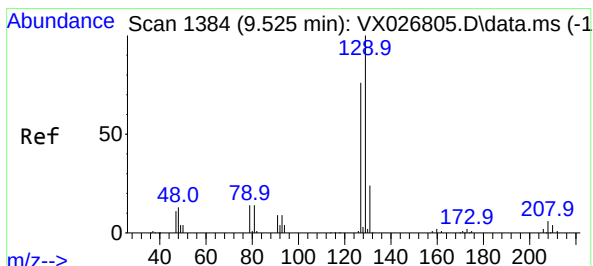
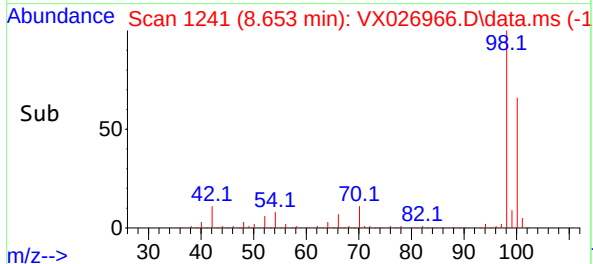
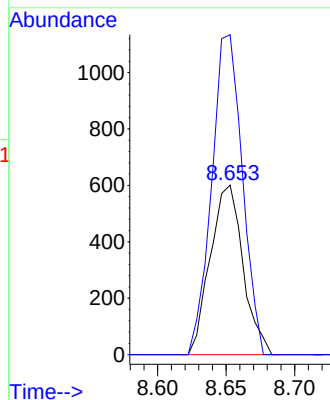
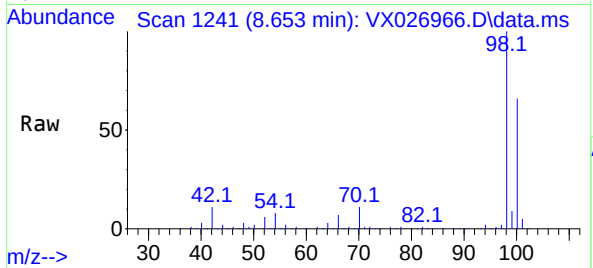




#51
4-Methyl-2-Pentanone
Concen: 0.511 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX026966.D
Acq: 11 Feb 2022 14:56

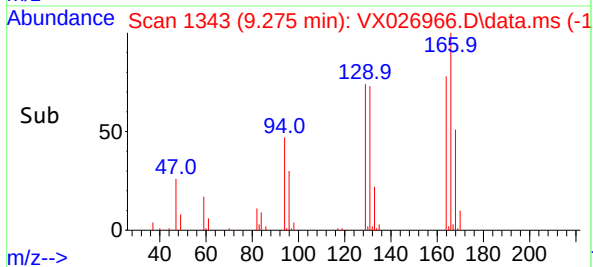
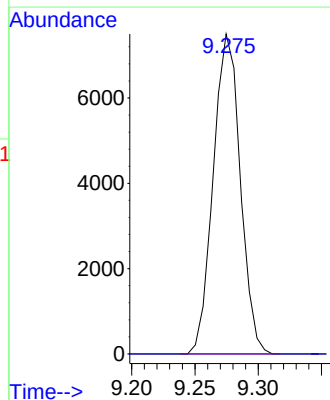
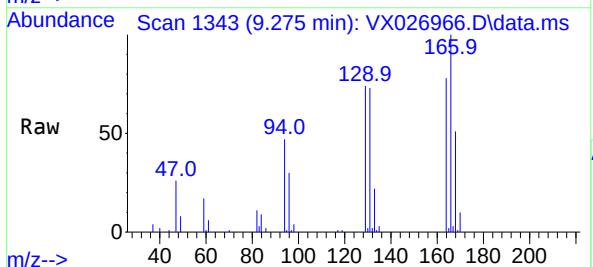
Instrument :
MSVOA_X
ClientSampleId :
MW-7SDL

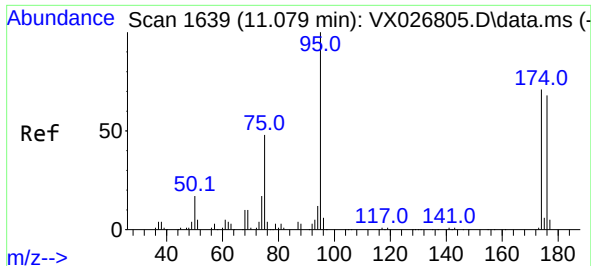
Tgt Ion: 43 Resp: 999
Ion Ratio Lower Upper
43 100
58 176.6 30.5 45.7#



#60
Dibromochloromethane
Concen: 8.403 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX026966.D
Acq: 11 Feb 2022 14:56

Tgt Ion: 129 Resp: 11141
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

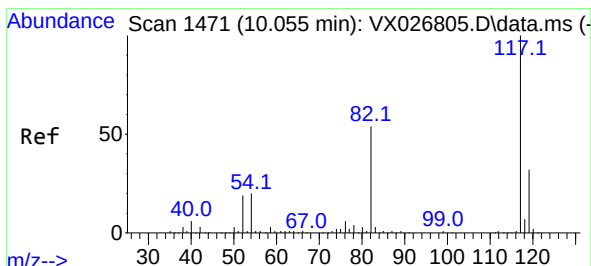
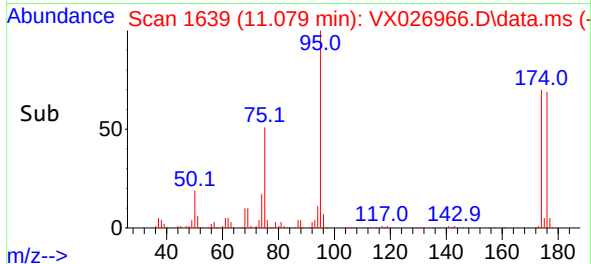
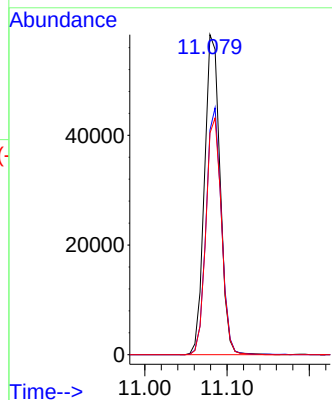
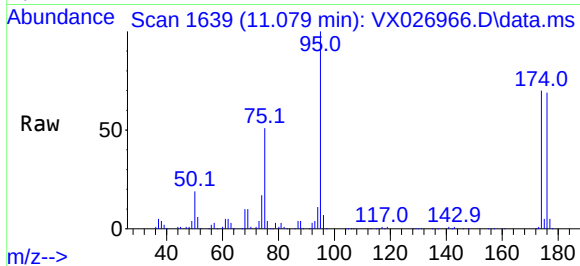




#62
4-Bromofluorobenzene
Concen: 50.885 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026966.D
Acq: 11 Feb 2022 14:56

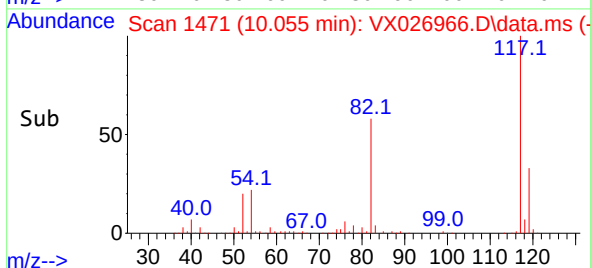
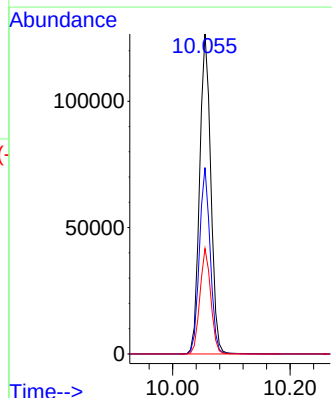
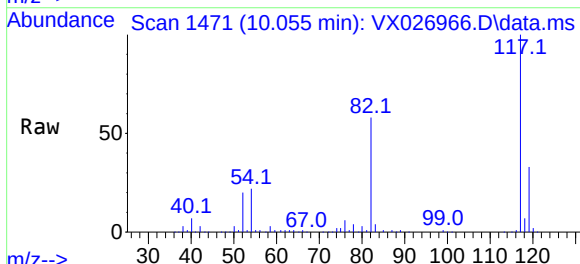
Instrument :
MSVOA_X
ClientSampleId :
MW-7SDL

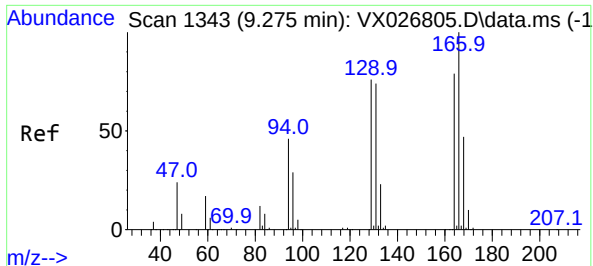
Tgt Ion: 95 Resp: 76894
Ion Ratio Lower Upper
95 100
174 75.3 0.0 148.6
176 73.6 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026966.D
Acq: 11 Feb 2022 14:56

Tgt Ion: 117 Resp: 167043
Ion Ratio Lower Upper
117 100
82 58.3 45.2 67.8
119 32.9 26.2 39.2



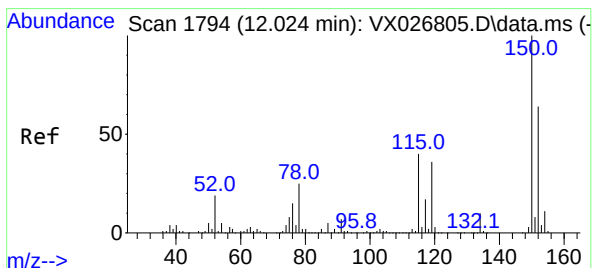
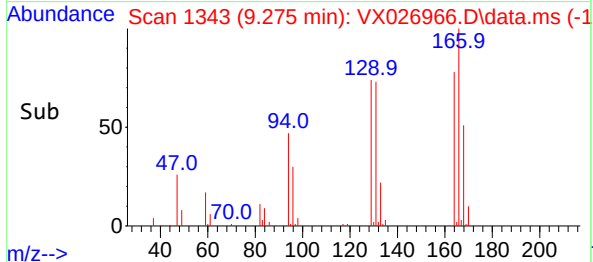
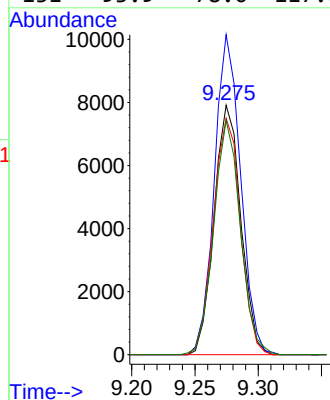
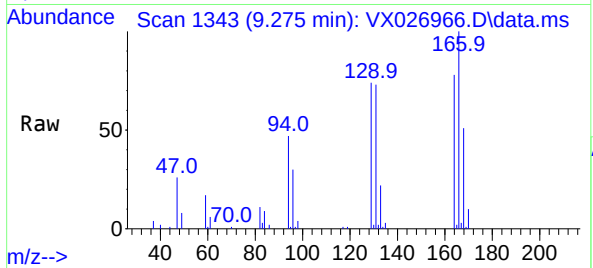


#64
Tetrachloroethene
Concen: 6.906 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026966.D
Acq: 11 Feb 2022 14:56

Instrument :
MSVOA_X
ClientSampleId :
MW-7SDL

Tgt Ion:164 Resp: 11587

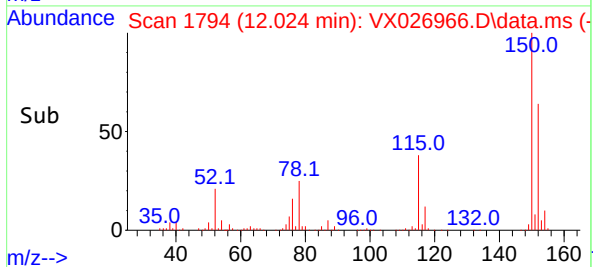
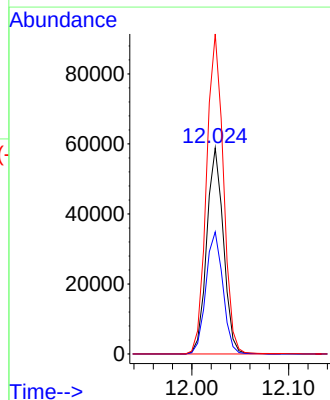
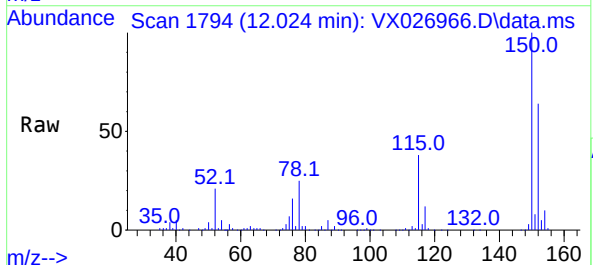
Ion	Ratio	Lower	Upper
164	100		
166	128.3	101.8	152.6
129	94.8	83.3	124.9
131	93.9	78.0	117.0

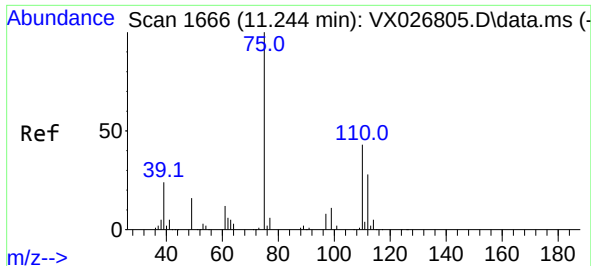


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026966.D
Acq: 11 Feb 2022 14:56

Tgt Ion:152 Resp: 70578

Ion	Ratio	Lower	Upper
152	100		
115	60.2	44.2	132.6
150	157.4	0.0	348.2

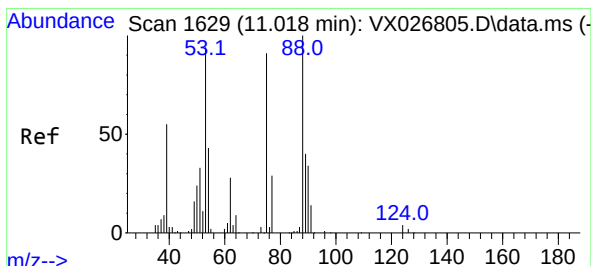
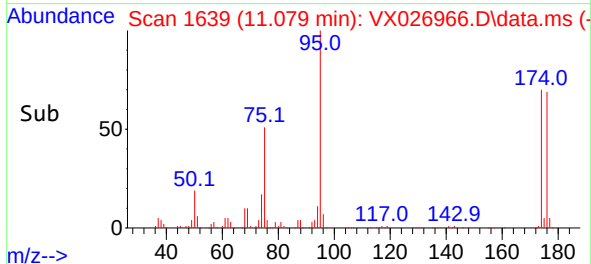
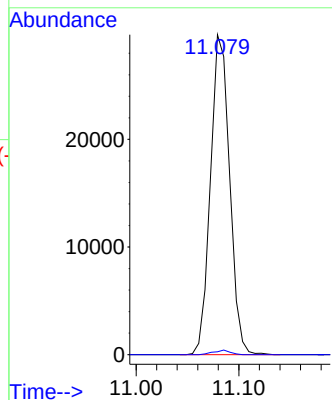
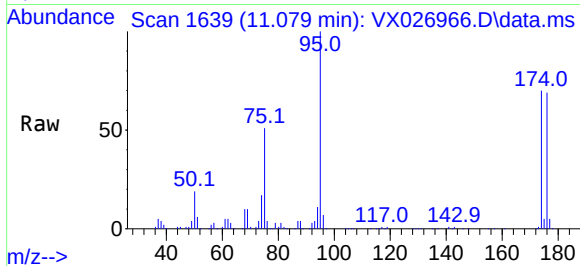




#76
1,2,3-Trichloropropane
Concen: 24.898 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026966.D
Acq: 11 Feb 2022 14:56

Instrument :
MSVOA_X
ClientSampleId :
MW-7SDL

Tgt Ion: 75 Resp: 38467
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.958 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026966.D
Acq: 11 Feb 2022 14:56

Tgt Ion: 75 Resp: 38467
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.1 37.0 55.4#

