

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
 Data File : VX026969.D
 Acq On : 11 Feb 2022 16:05
 Operator : JC/MD
 Sample : N1467-09DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23SDL

Quant Time: Feb 12 04:30:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

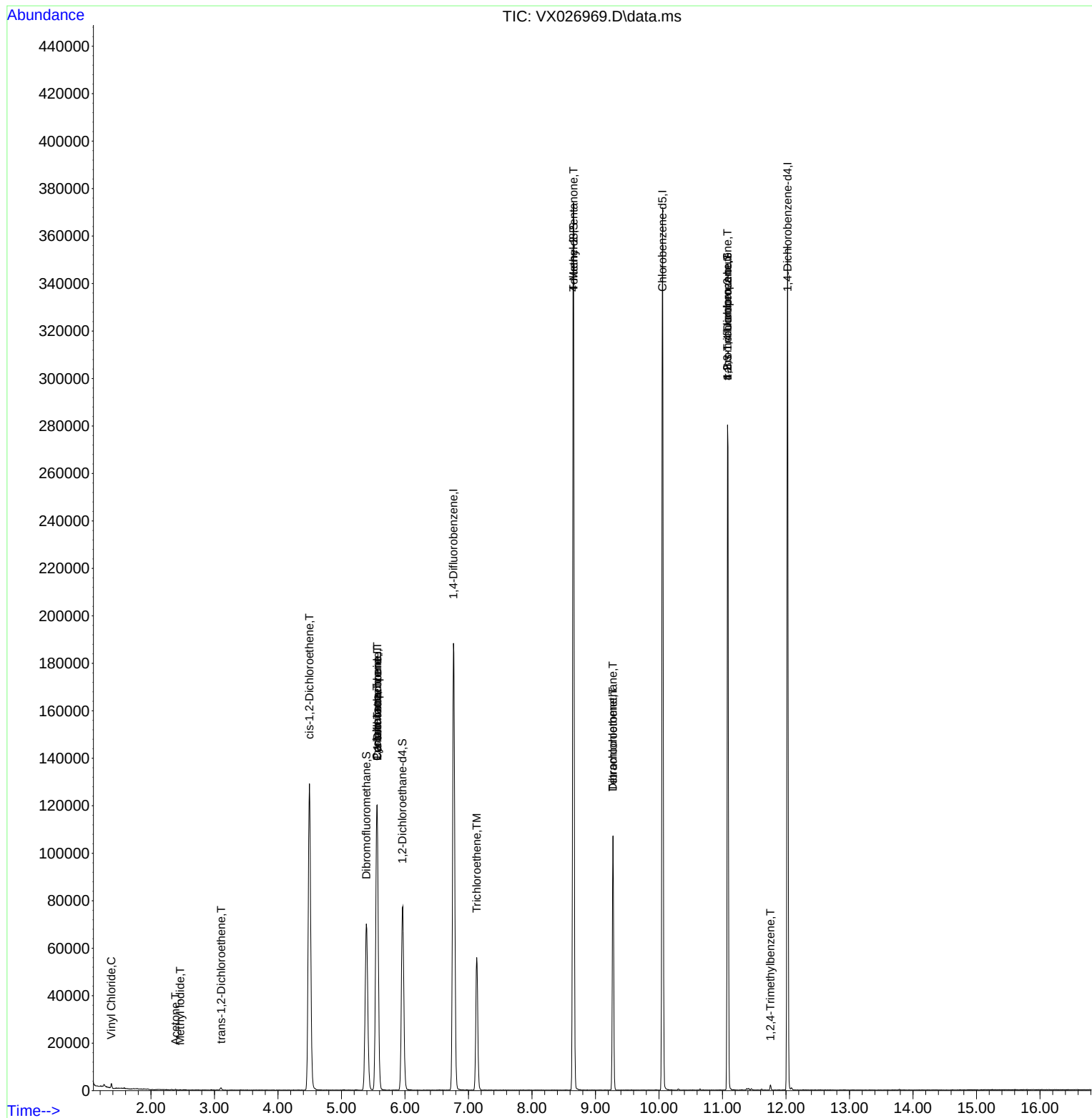
Internal Standards						
1) Pentafluorobenzene	5.562	168	115144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195215	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75225	54.425	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.840%			
35) Dibromofluoromethane	5.391	113	61067	52.506	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.020%			
50) Toluene-d8	8.653	98	221699	51.929	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.860%			
62) 4-Bromofluorobenzene	11.079	95	77992	51.889	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.780%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	1244	1.020	ug/l	100
10) Methyl Iodide	2.459	142	101	2.313	ug/l #	37
16) Acetone	2.386	43	237	0.390	ug/l	92
21) trans-1,2-Dichloroethene	3.105	96	480	0.387	ug/l	83
27) cis-1,2-Dichloroethene	4.495	96	82075	57.647	ug/l	88
31) Cyclohexane	5.556	56	2211	1.007	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	8967	4.887	ug/l #	50
38) Carbon Tetrachloride	5.562	117	11866	6.167	ug/l #	16
44) Trichloroethene	7.129	130	22158	13.800	ug/l	96
51) 4-Methyl-2-Pentanone	8.653	43	912	0.469	ug/l #	1
60) Dibromochloromethane	9.275	129	19582	14.848	ug/l #	11
64) Tetrachloroethene	9.275	164	20436	12.089	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	39147	25.284	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	39147	77.082	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.756	105	1197	0.259	ug/l	97

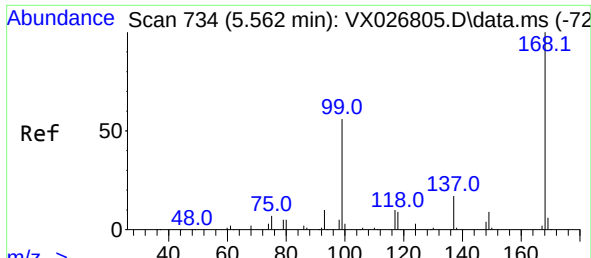
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 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: VX026969.D

Acq: 11 Feb 2022 16:05

Instrument :

MSVOA_X

ClientSampleId :

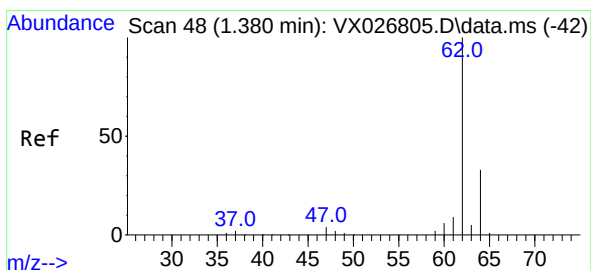
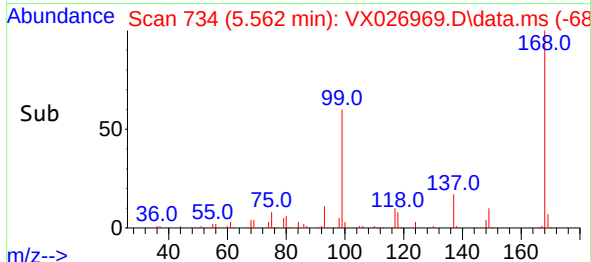
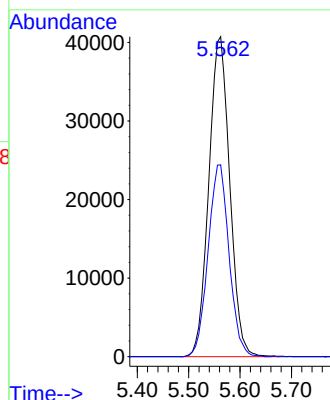
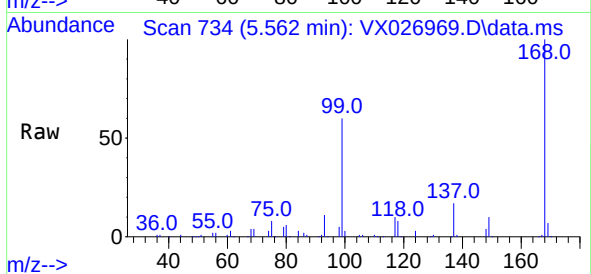
MW-23SDL

Tgt Ion:168 Resp: 115144

Ion Ratio Lower Upper

168 100

99 59.9 50.3 75.5



#4

Vinyl Chloride

Concen: 1.020 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.006 min

Lab File: VX026969.D

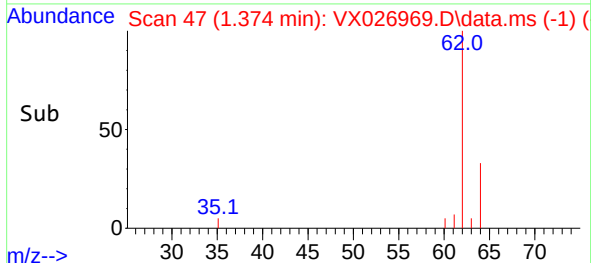
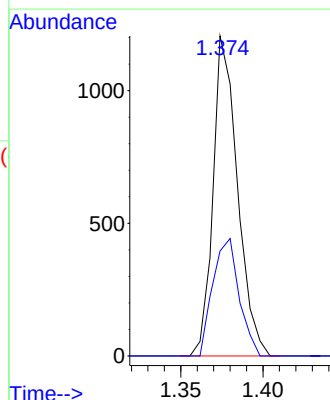
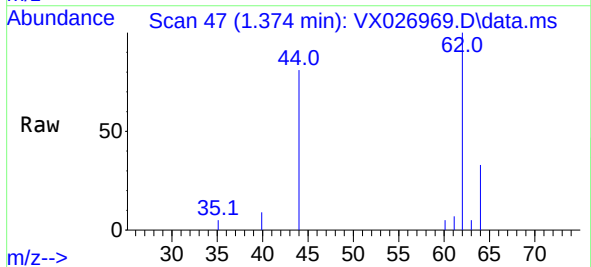
Acq: 11 Feb 2022 16:05

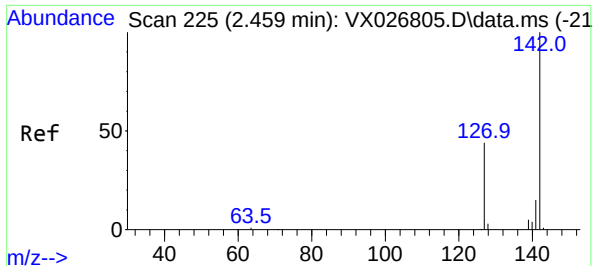
Tgt Ion: 62 Resp: 1244

Ion Ratio Lower Upper

62 100

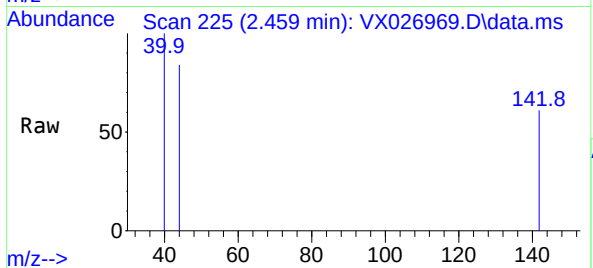
64 32.8 26.2 39.2



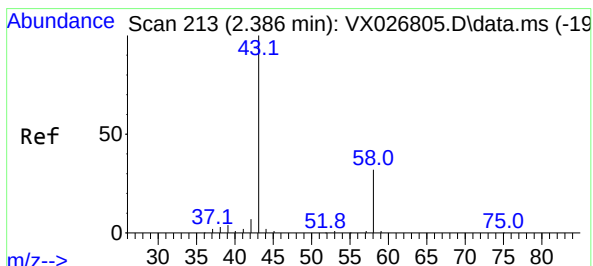
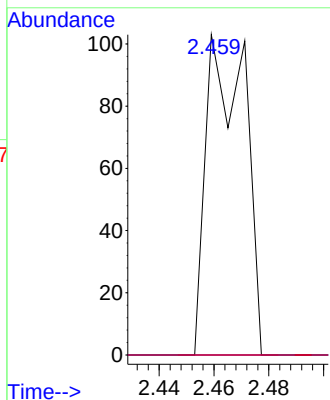
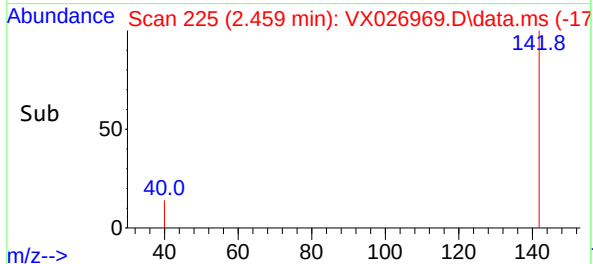


#10
Methyl Iodide
Concen: 2.313 ug/l
RT: 2.459 min Scan# 210
Delta R.T. 0.000 min
Lab File: VX026969.D
Acq: 11 Feb 2022 16:05

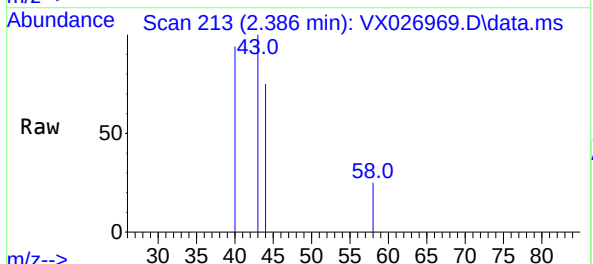
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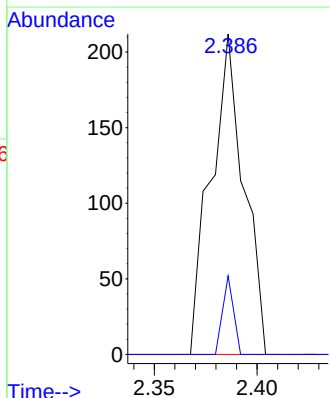
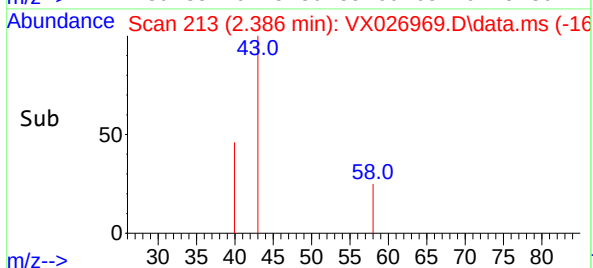
Tgt Ion:142 Resp: 101
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#

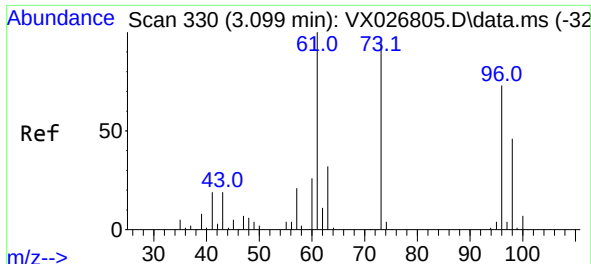


#16
Acetone
Concen: 0.390 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026969.D
Acq: 11 Feb 2022 16:05



Tgt Ion: 43 Resp: 237
Ion Ratio Lower Upper
43 100
58 24.5 23.0 34.6

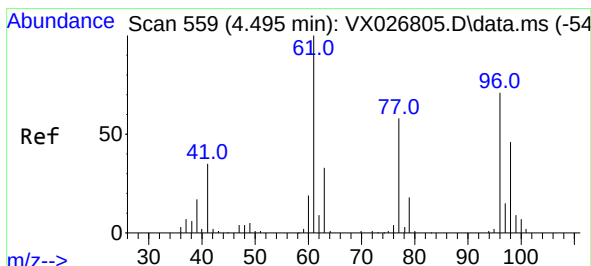
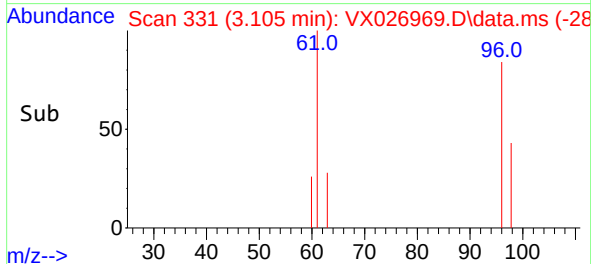
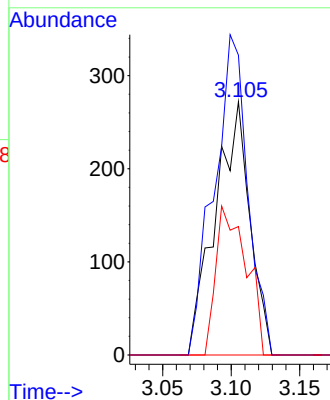
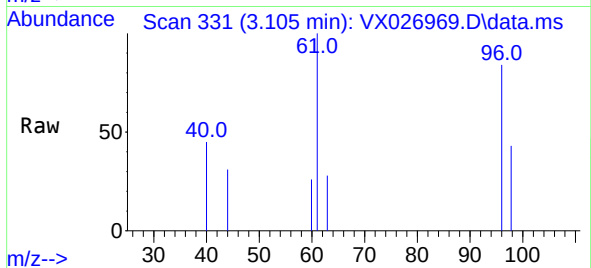




#21
trans-1,2-Dichloroethene
Concen: 0.387 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX026969.D
Acq: 11 Feb 2022 16:05

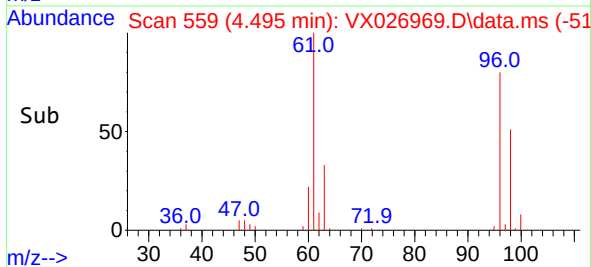
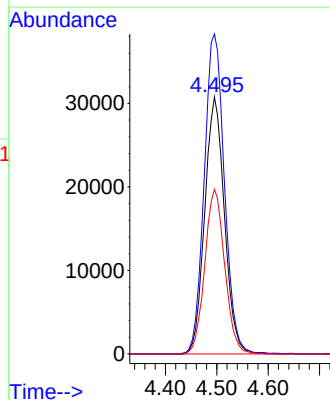
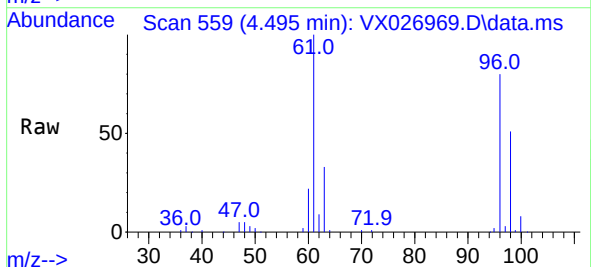
Instrument :
MSVOA_X
ClientSampleId :
MW-23SDL

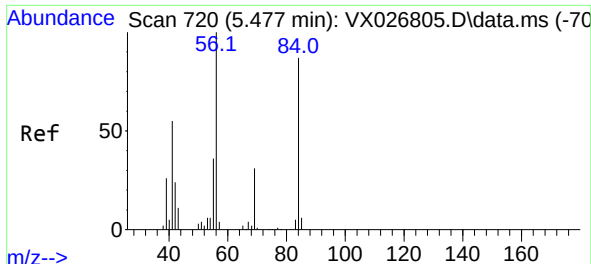
Tgt Ion: 96 Resp: 480
Ion Ratio Lower Upper
96 100
61 118.4 112.9 169.3
98 50.7 49.5 74.3



#27
cis-1,2-Dichloroethene
Concen: 57.647 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX026969.D
Acq: 11 Feb 2022 16:05

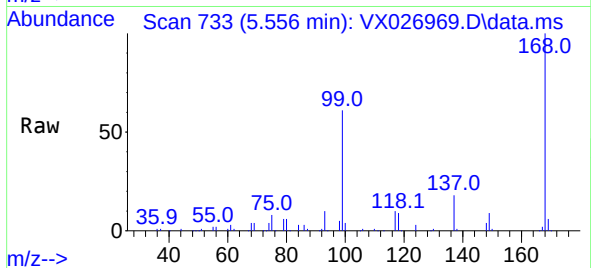
Tgt Ion: 96 Resp: 82075
Ion Ratio Lower Upper
96 100
61 127.5 0.0 296.6
98 64.6 0.0 128.8



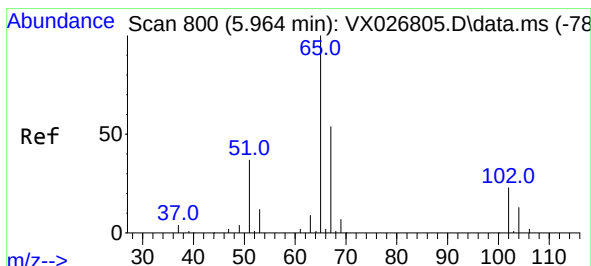
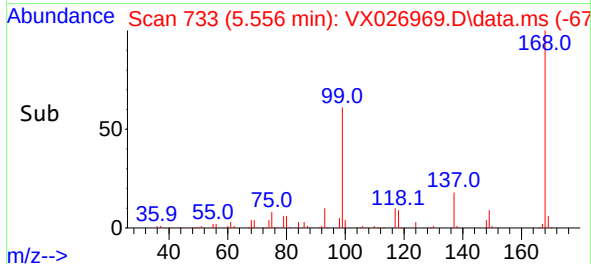
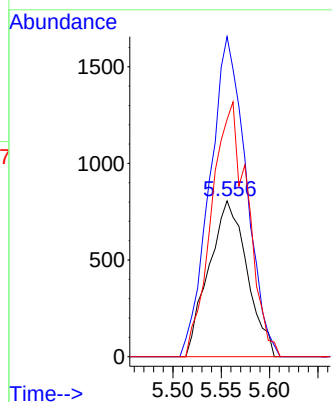


#31
Cyclohexane
Concen: 1.007 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX026969.D
Acq: 11 Feb 2022 16:05

Instrument :
MSVOA_X
ClientSampleId :
MW-23SDL

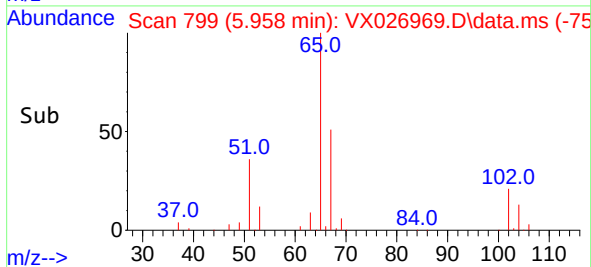
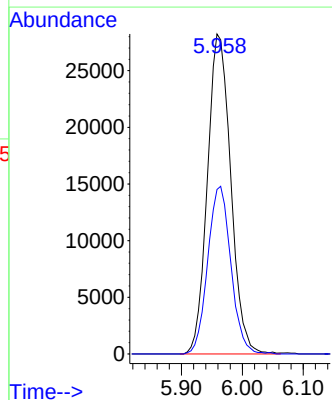
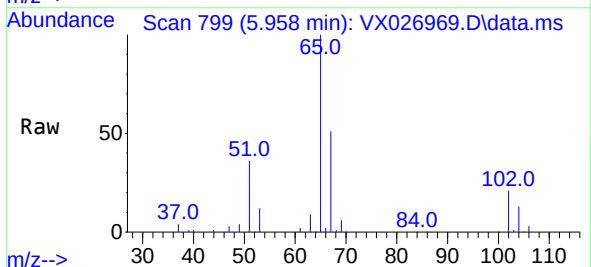


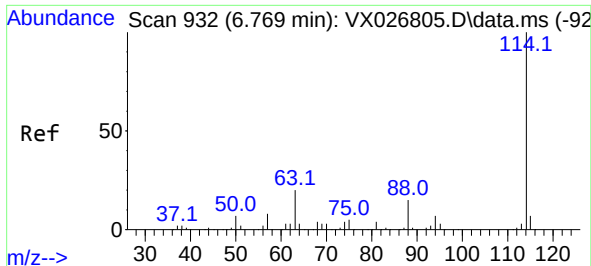
Tgt Ion: 56 Resp: 2211
Ion Ratio Lower Upper
56 100
69 205.5 25.8 38.6#
84 152.4 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 54.425 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026969.D
Acq: 11 Feb 2022 16:05

Tgt Ion: 65 Resp: 75225
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.8

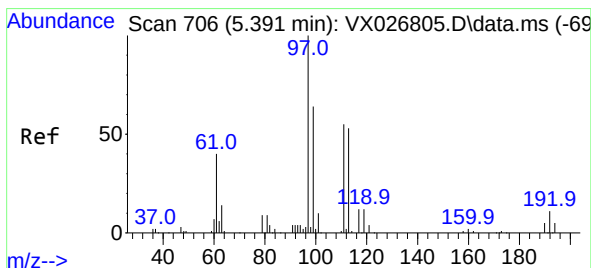
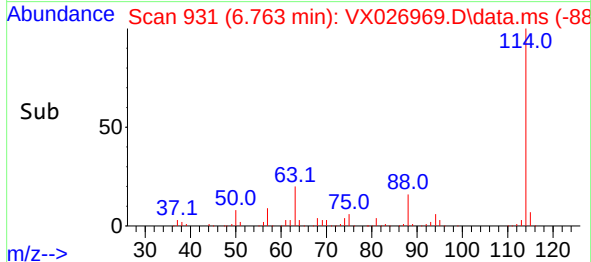
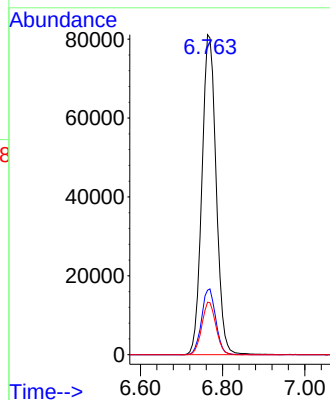
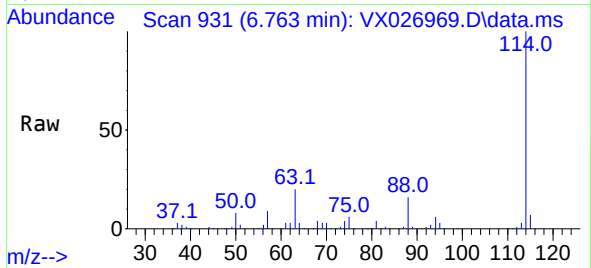




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026969.D
Acq: 11 Feb 2022 16:05

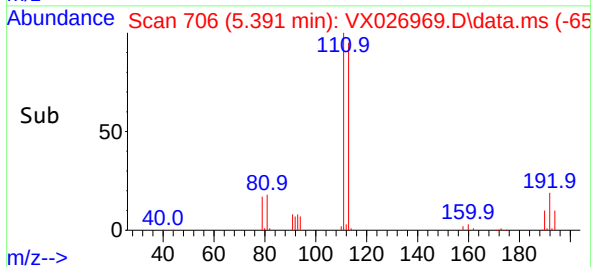
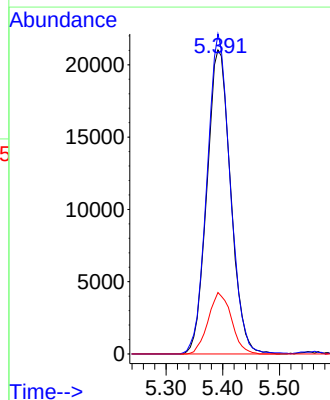
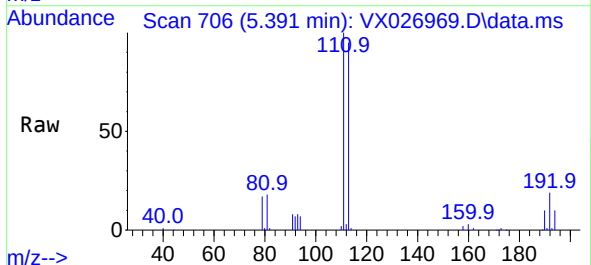
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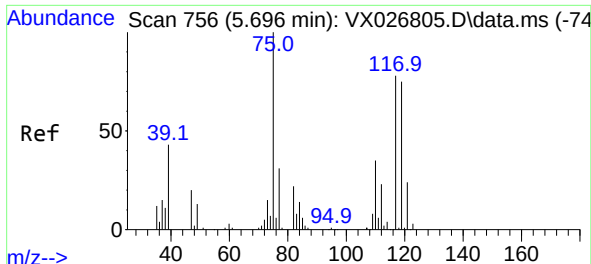
Tgt Ion:114 Resp: 195215
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.8
88 16.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 52.506 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026969.D
Acq: 11 Feb 2022 16:05

Tgt Ion:113 Resp: 61067
Ion Ratio Lower Upper
113 100
111 103.2 81.2 121.8
192 19.8 15.0 22.4

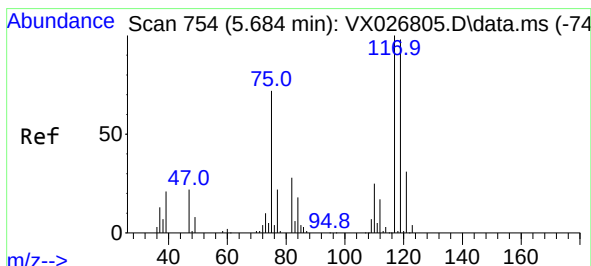
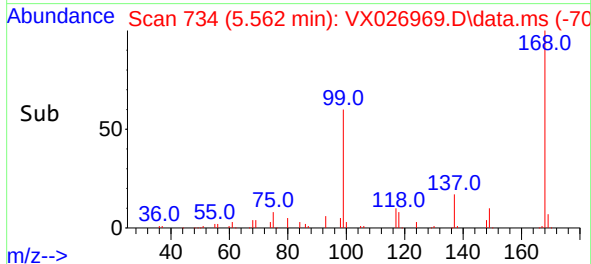
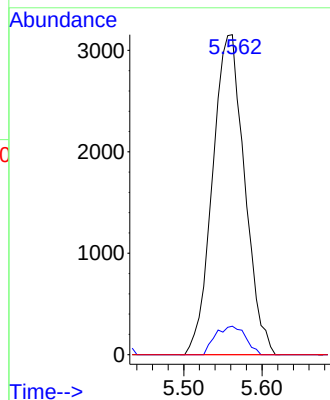
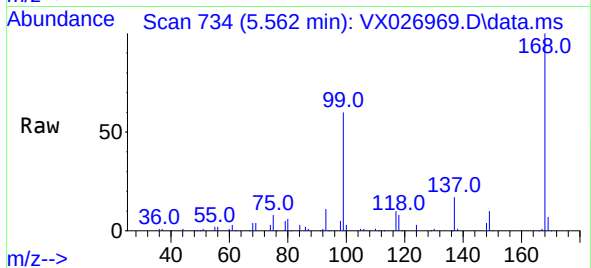




#36
1,1-Dichloropropene
Concen: 4.887 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.134 min
Lab File: VX026969.D
Acq: 11 Feb 2022 16:05

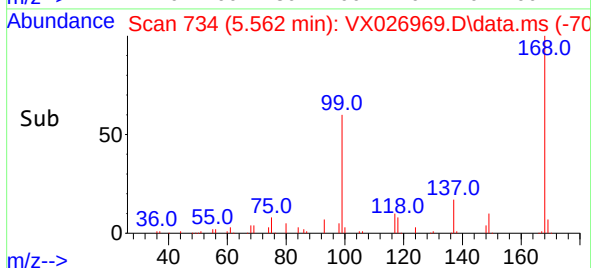
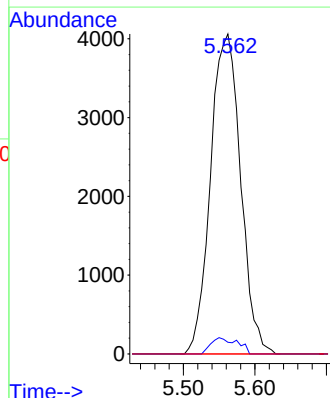
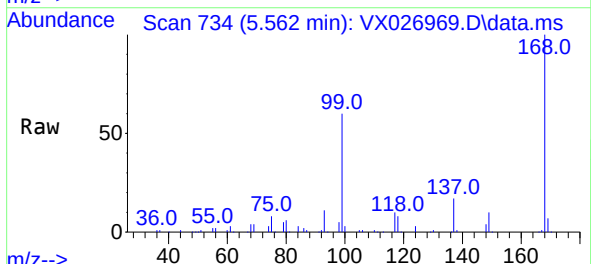
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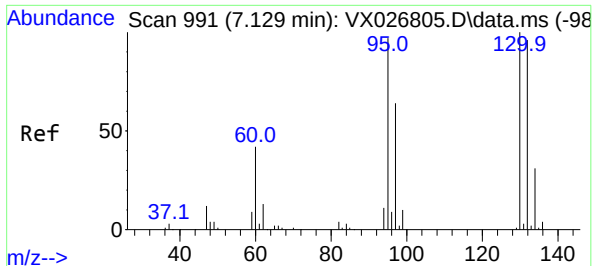
Tgt Ion: 75 Resp: 8967
Ion Ratio Lower Upper
75 100
110 8.3 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.167 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX026969.D
Acq: 11 Feb 2022 16:05

Tgt Ion: 117 Resp: 11866
Ion Ratio Lower Upper
117 100
119 3.7 74.7 112.1#
121 0.0 25.4 38.0#

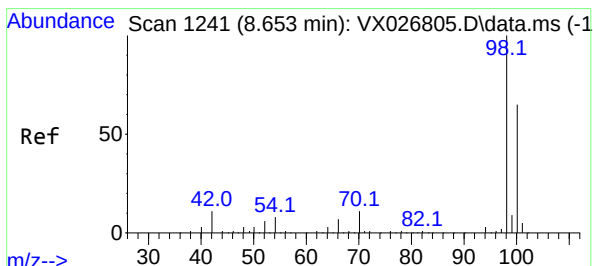
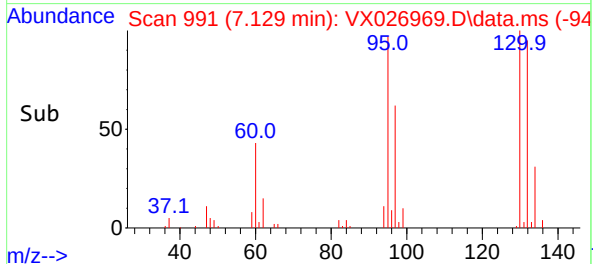
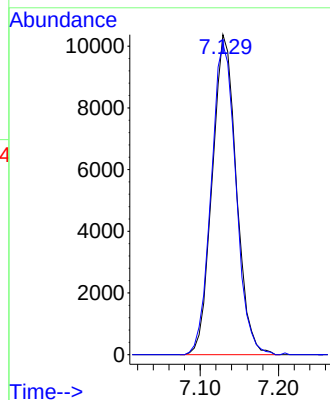
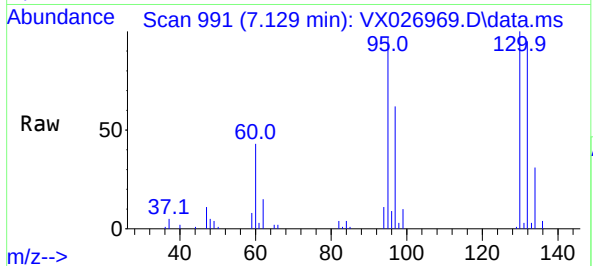




#44
 Trichloroethene
 Concen: 13.800 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.000 min
 Lab File: VX026969.D
 Acq: 11 Feb 2022 16:05

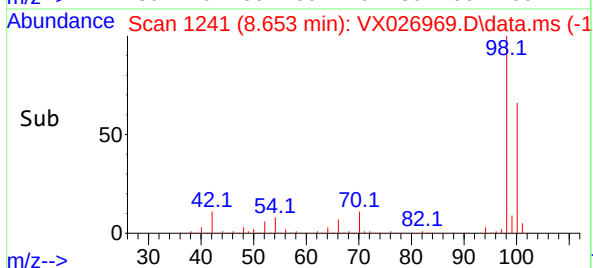
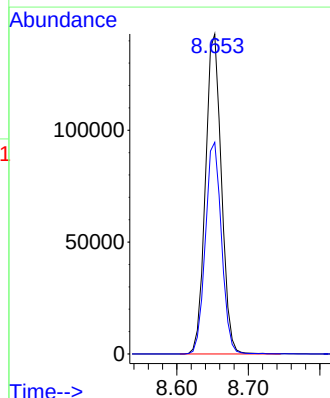
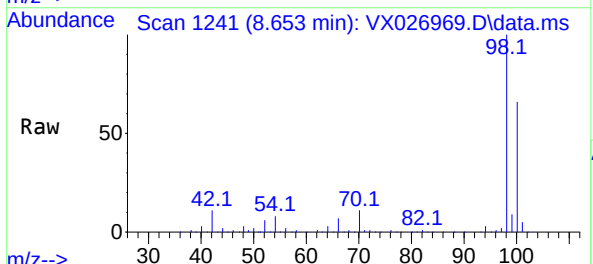
Instrument :
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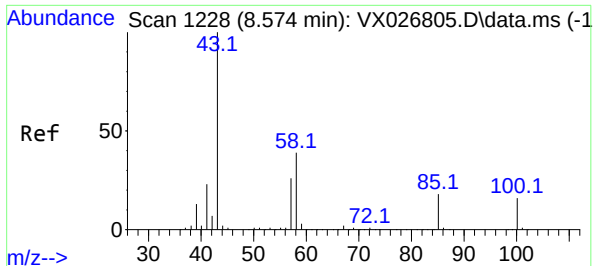
Tgt Ion:130 Resp: 22158
 Ion Ratio Lower Upper
 130 100
 95 97.1 0.0 202.6



#50
 Toluene-d8
 Concen: 51.929 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. 0.000 min
 Lab File: VX026969.D
 Acq: 11 Feb 2022 16:05

Tgt Ion: 98 Resp: 221699
 Ion Ratio Lower Upper
 98 100
 100 66.8 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.469 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX026969.D

Acq: 11 Feb 2022 16:05

Instrument :

MSVOA_X

ClientSampleId :

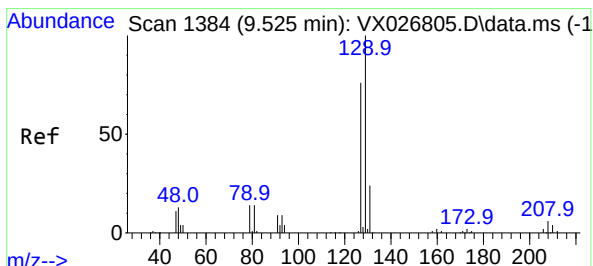
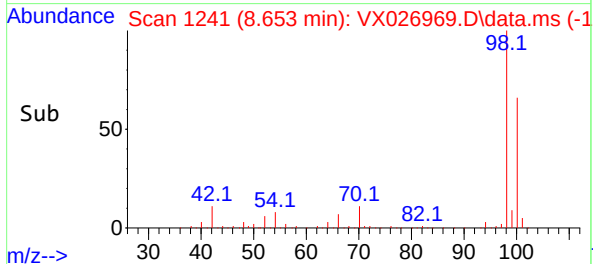
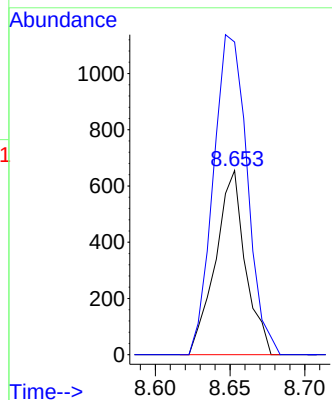
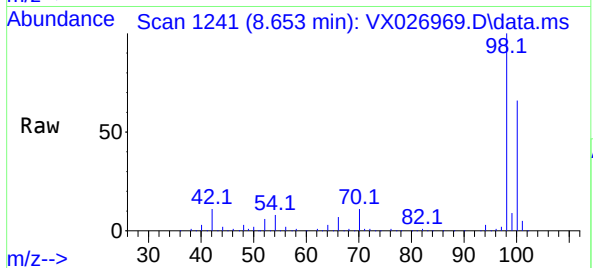
MW-23SDL

Tgt Ion: 43 Resp: 912

Ion Ratio Lower Upper

43 100

58 196.7 30.5 45.7#



#60

Dibromochloromethane

Concen: 14.848 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX026969.D

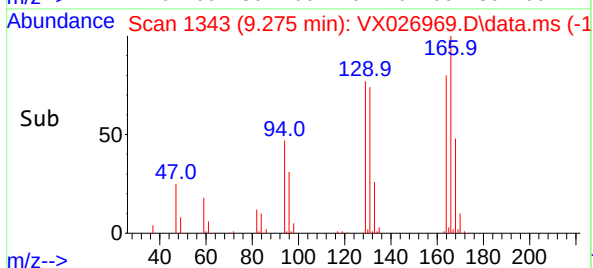
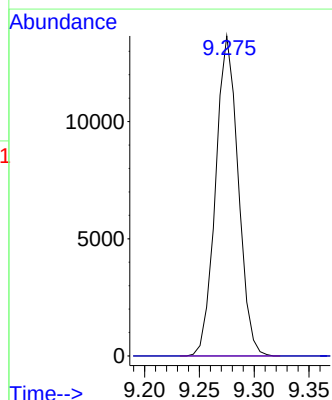
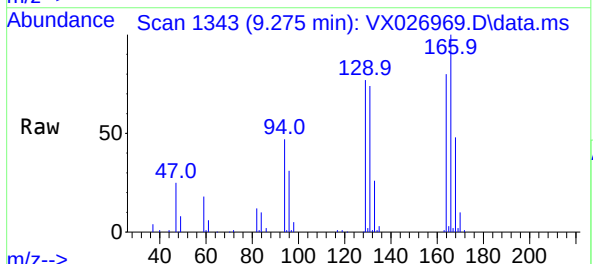
Acq: 11 Feb 2022 16:05

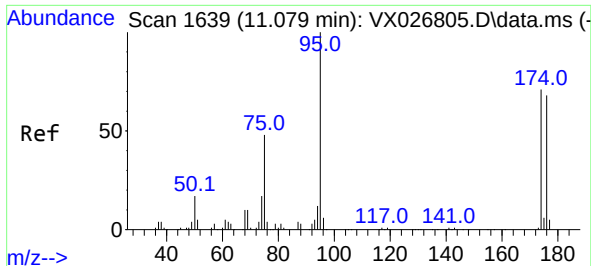
Tgt Ion: 129 Resp: 19582

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.5#

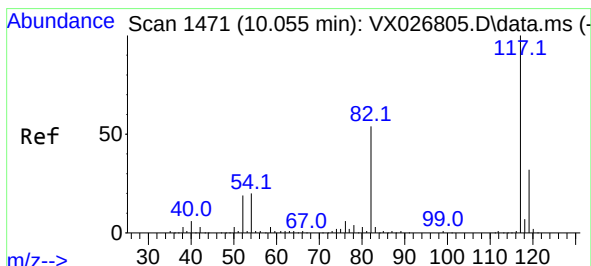
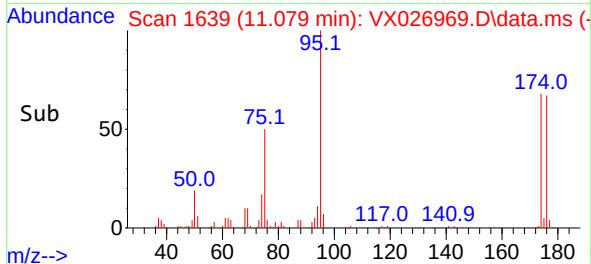
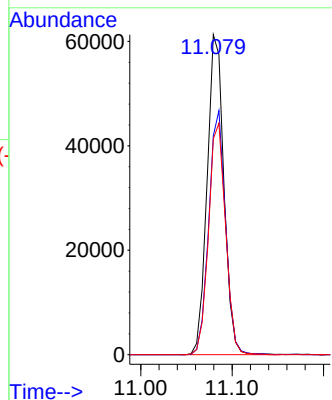
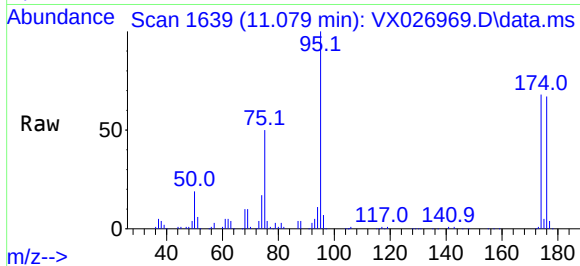




#62
4-Bromofluorobenzene
Concen: 51.889 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026969.D
Acq: 11 Feb 2022 16:05

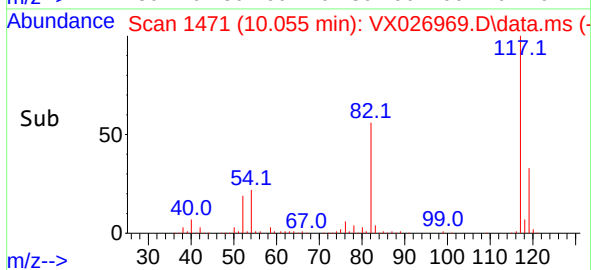
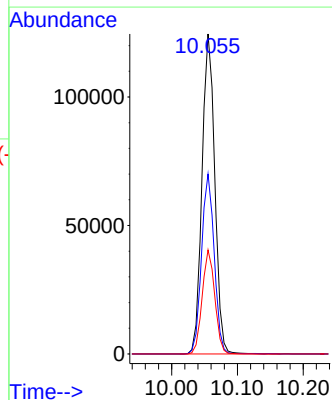
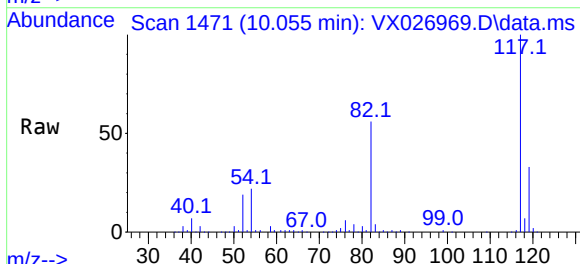
Instrument :
MSVOA_X
ClientSampleId :
MW-23SDL

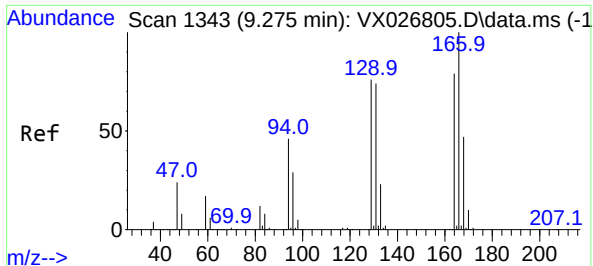
Tgt Ion: 95 Resp: 77992
Ion Ratio Lower Upper
95 100
174 75.9 0.0 148.6
176 73.2 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026969.D
Acq: 11 Feb 2022 16:05

Tgt Ion: 117 Resp: 168310
Ion Ratio Lower Upper
117 100
82 56.2 45.2 67.8
119 32.5 26.2 39.2

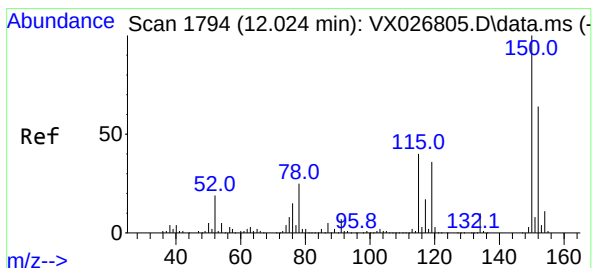
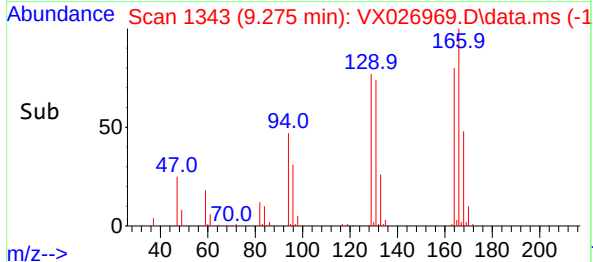
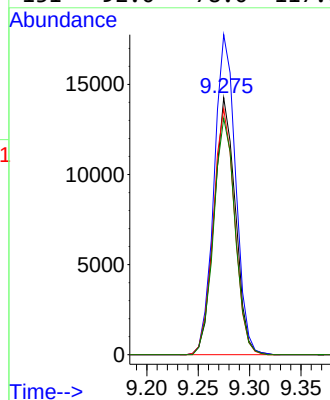
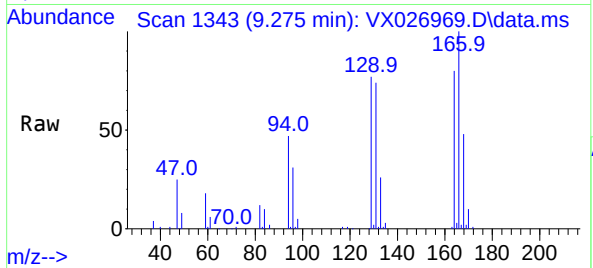




#64
Tetrachloroethene
Concen: 12.089 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026969.D
Acq: 11 Feb 2022 16:05

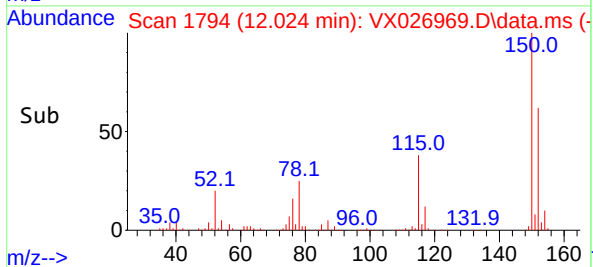
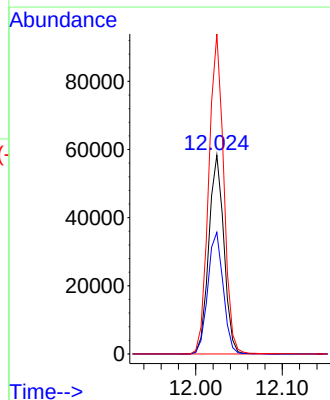
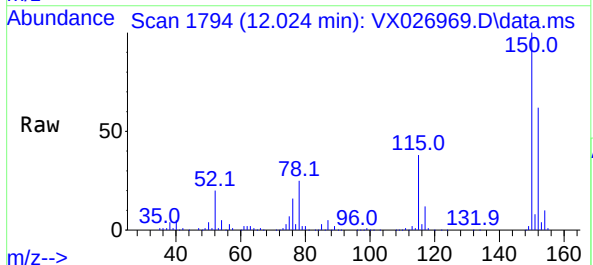
Instrument :
MSVOA_X
ClientSampleId :
MW-23SDL

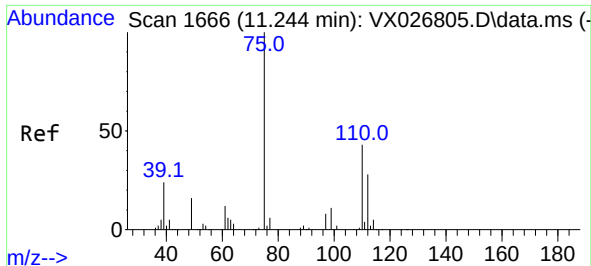
Tgt Ion:164 Resp: 20436
Ion Ratio Lower Upper
164 100
166 124.5 101.8 152.6
129 95.7 83.3 124.9
131 92.0 78.0 117.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026969.D
Acq: 11 Feb 2022 16:05

Tgt Ion:152 Resp: 70730
Ion Ratio Lower Upper
152 100
115 62.2 44.2 132.6
150 159.5 0.0 348.2

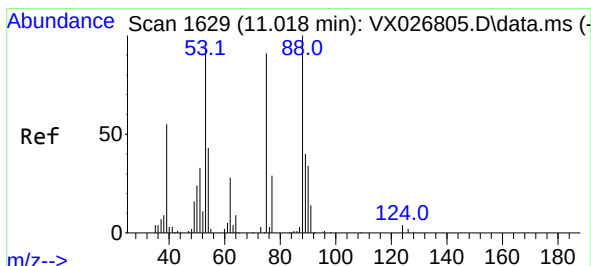
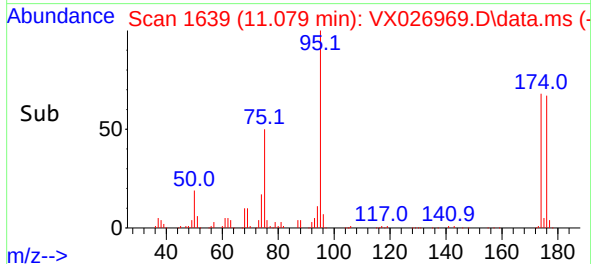
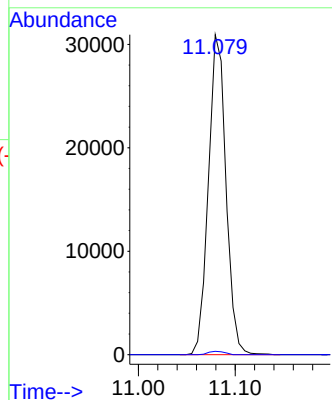
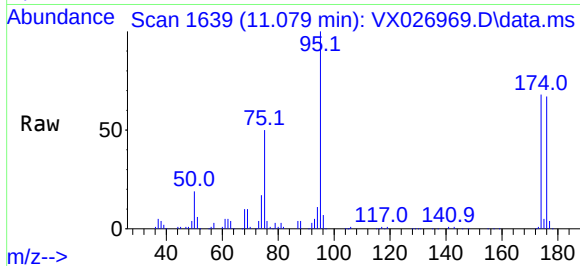




#76
1,2,3-Trichloropropane
Concen: 25.284 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026969.D
Acq: 11 Feb 2022 16:05

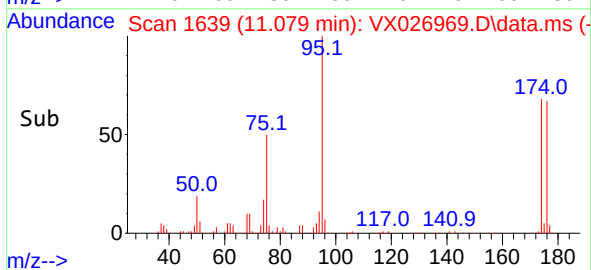
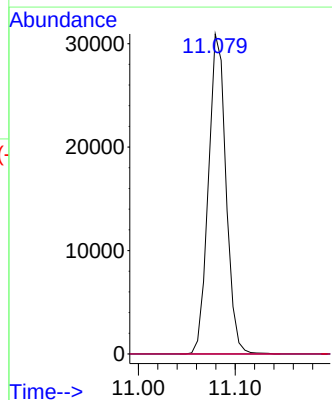
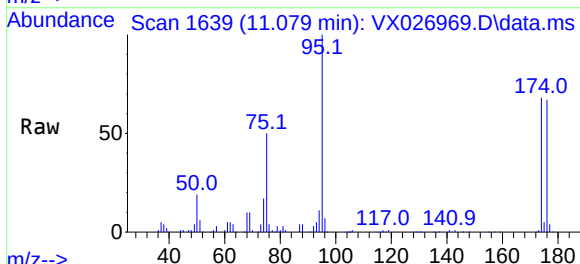
Instrument :
MSVOA_X
ClientSampleId :
MW-23SDL

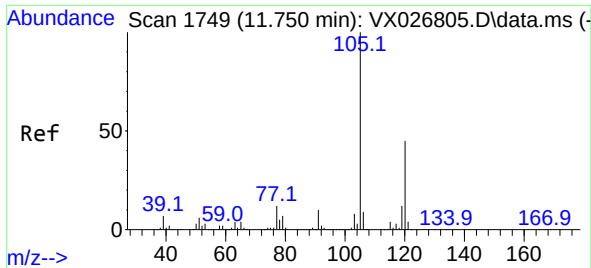
Tgt Ion: 75 Resp: 39147
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.082 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026969.D
Acq: 11 Feb 2022 16:05

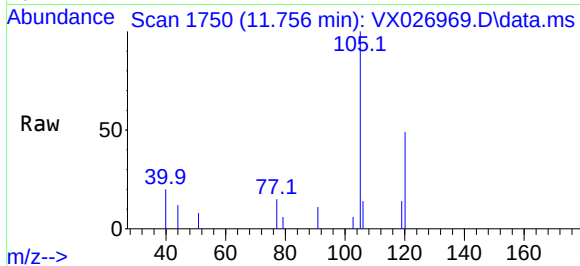
Tgt Ion: 75 Resp: 39147
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#





#84
 1,2,4-Trimethylbenzene
 Concen: 0.259 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX026969.D
 Acq: 11 Feb 2022 16:05

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23SDL



Tgt Ion:105 Resp: 1197
 Ion Ratio Lower Upper
 105 100
 120 45.4 21.9 65.5

