

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
 Data File : VX026877.D
 Acq On : 09 Feb 2022 18:30
 Operator : JC/MD
 Sample : N1438-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-25-R-D

Quant Time: Feb 10 01:09:03 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)

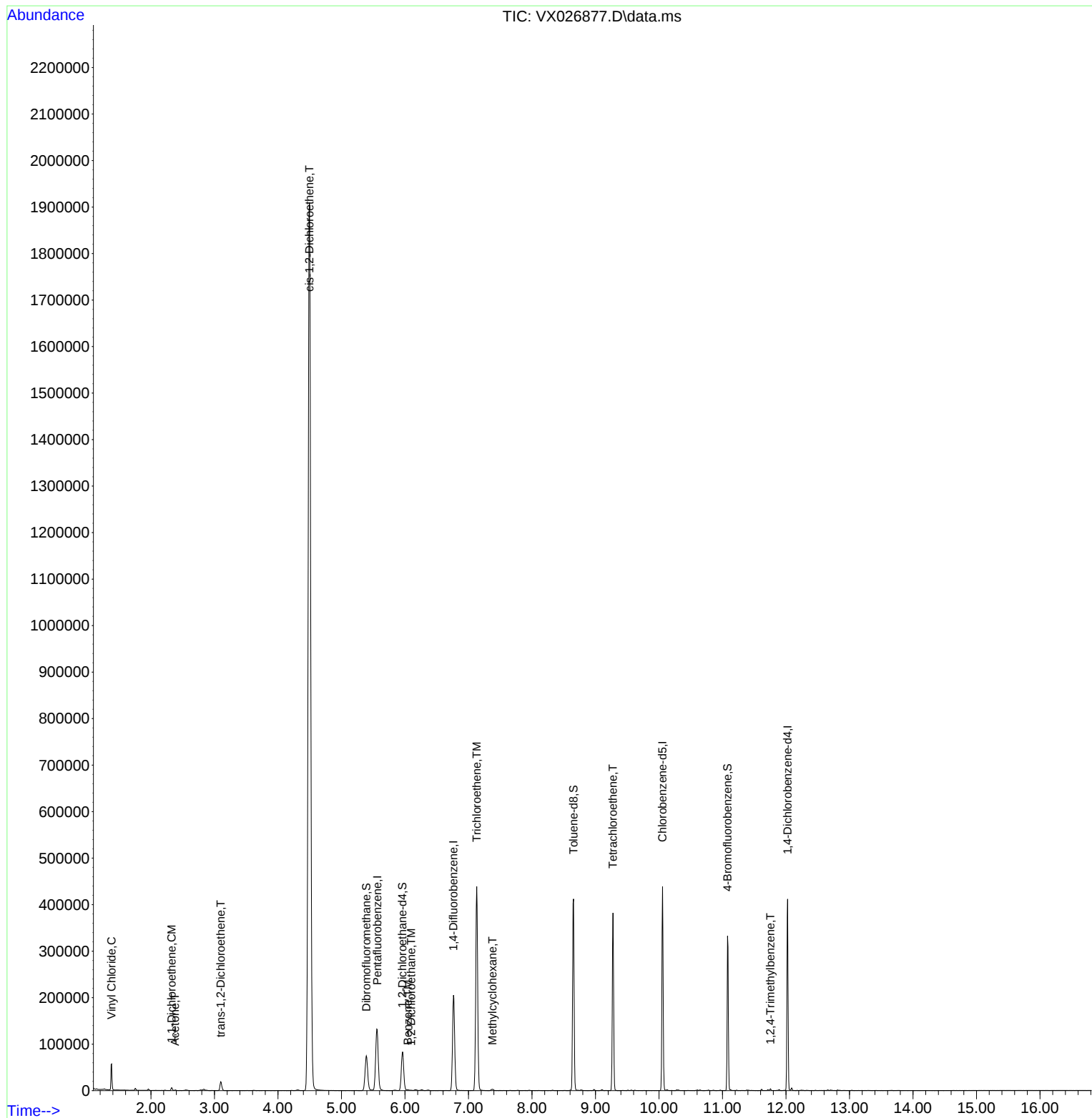
Internal Standards						
1) Pentafluorobenzene	5.562	168	126752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	210365	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80854	53.140	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.280%	
35) Dibromofluoromethane	5.391	113	65282	52.088	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.180%	
50) Toluene-d8	8.653	98	247168	53.726	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.460%	
62) 4-Bromofluorobenzene	11.079	95	92331	57.005	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.000%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.380	62	35287	26.291	ug/l	100
12) 1,1-Dichloroethene	2.325	96	2110	1.627	ug/l	94
16) Acetone	2.380	43	1586	2.373	ug/l	95
21) trans-1,2-Dichloroethene	3.099	96	6401	4.689	ug/l	93
27) cis-1,2-Dichloroethene	4.495	96	1232030	786.094	ug/l	88
39) Methylcyclohexane	7.379	83	1243	0.513	ug/l #	90
40) Benzene	6.044	78	1903	0.330	ug/l #	89
42) 1,2-Dichloroethane	6.099	62	1009	0.497	ug/l	87
44) Trichloroethene	7.129	130	165933	95.903	ug/l	96
64) Tetrachloroethene	9.275	164	69918	36.045	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	1725	0.318	ug/l	96

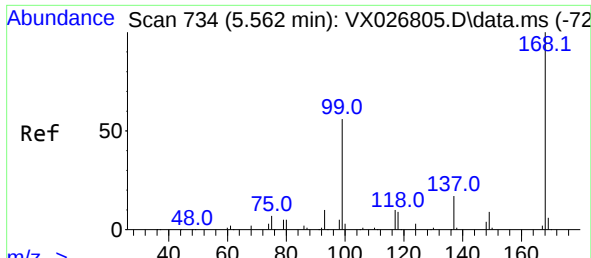
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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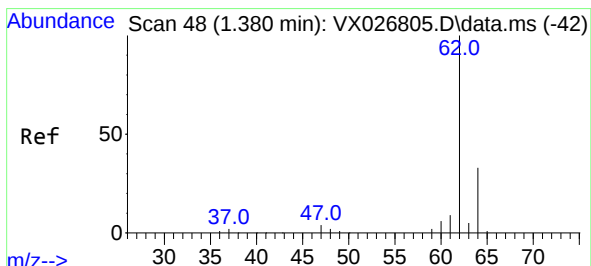
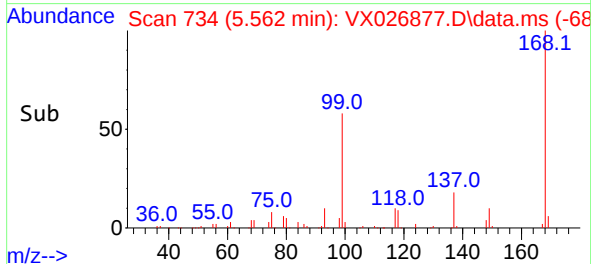
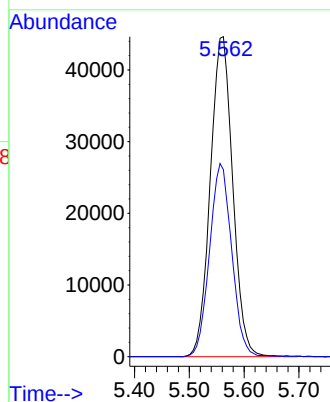
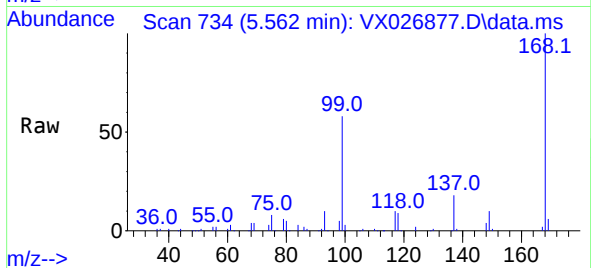




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

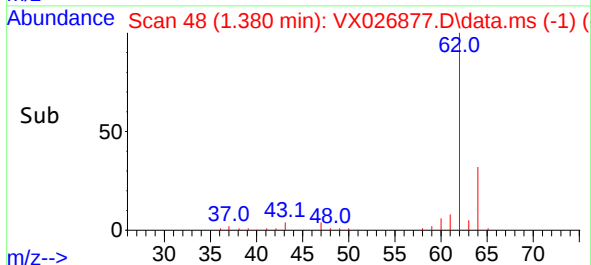
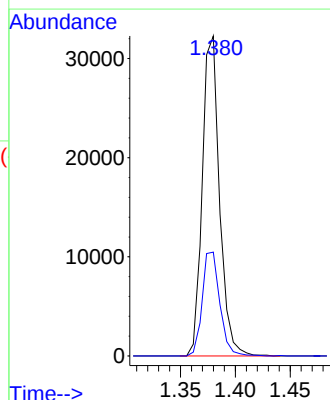
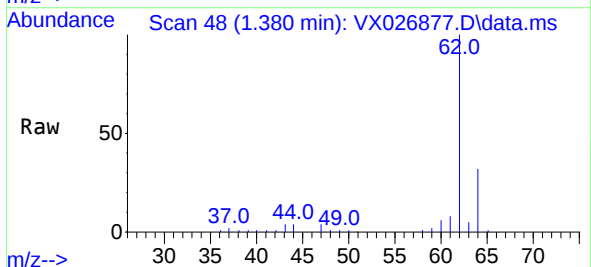
Instrument :
MSVOA_X
ClientSampleId :
MW-25-R-D

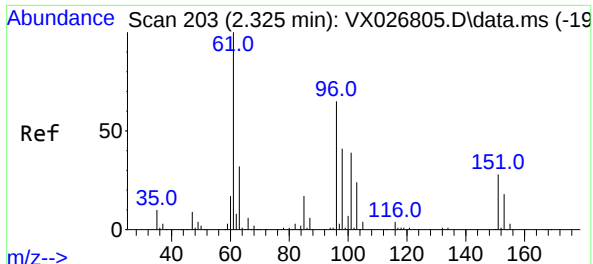
Tgt Ion:168 Resp: 126752
Ion Ratio Lower Upper
168 100
99 58.4 50.3 75.5



#4
Vinyl Chloride
Concen: 26.291 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

Tgt Ion: 62 Resp: 35287
Ion Ratio Lower Upper
62 100
64 32.4 26.2 39.2

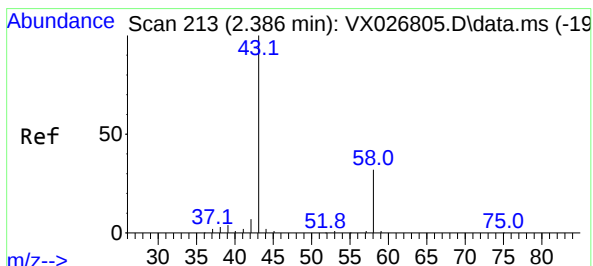
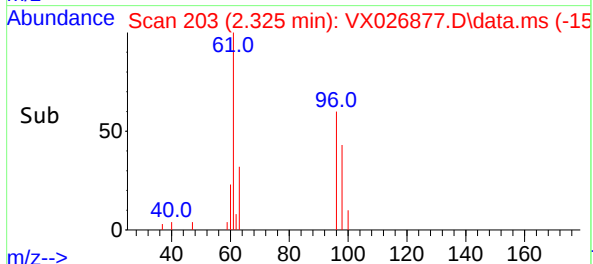
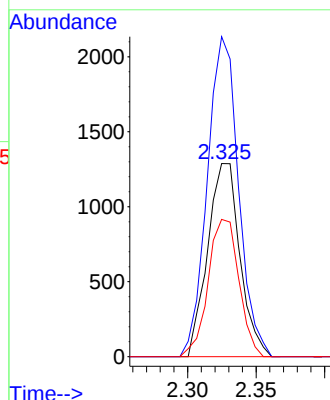
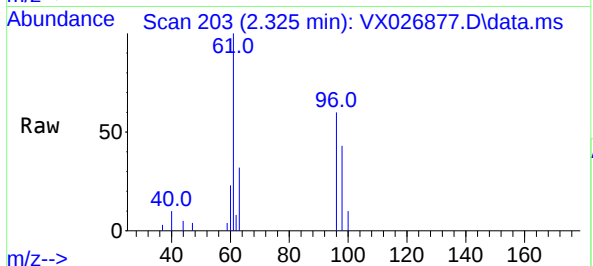




#12
1,1-Dichloroethene
Concen: 1.627 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

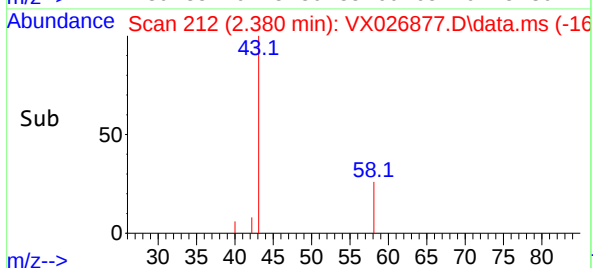
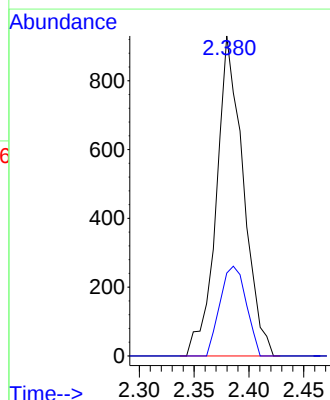
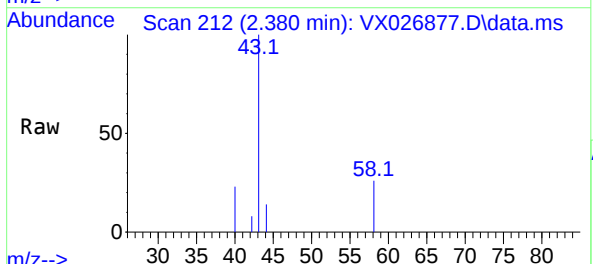
Instrument :
MSVOA_X
ClientSampleId :
MW-25-R-D

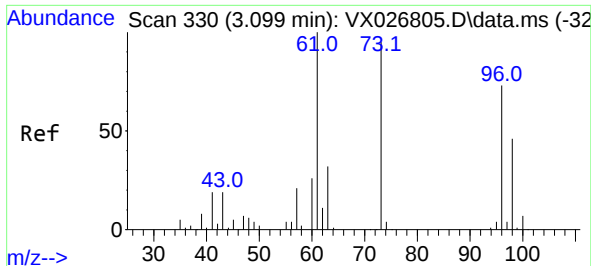
Tgt Ion: 96 Resp: 2110
Ion Ratio Lower Upper
96 100
61 165.7 138.5 207.7
98 71.0 51.8 77.6



#16
Acetone
Concen: 2.373 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

Tgt Ion: 43 Resp: 1586
Ion Ratio Lower Upper
43 100
58 25.9 23.0 34.6

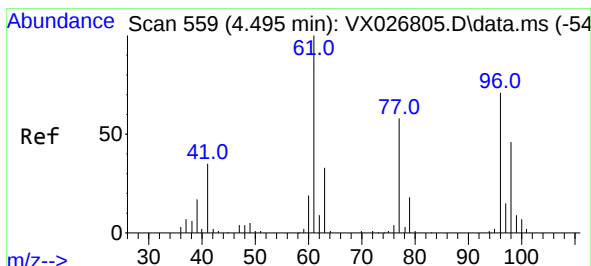
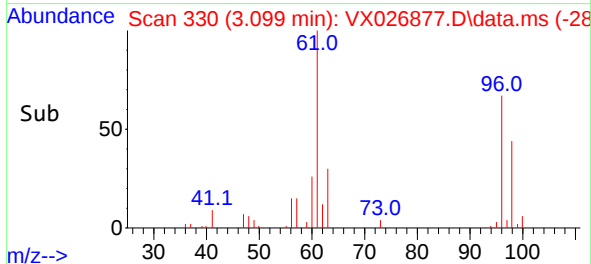
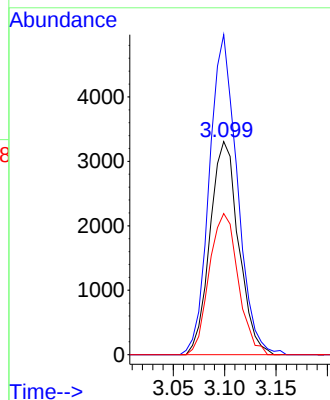
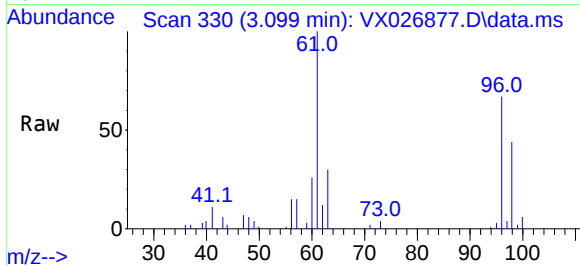




#21
trans-1,2-Dichloroethene
Concen: 4.689 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

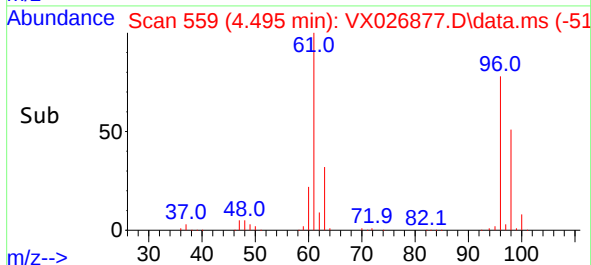
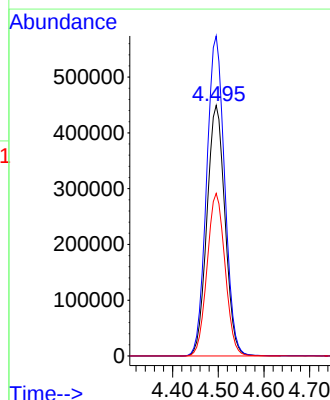
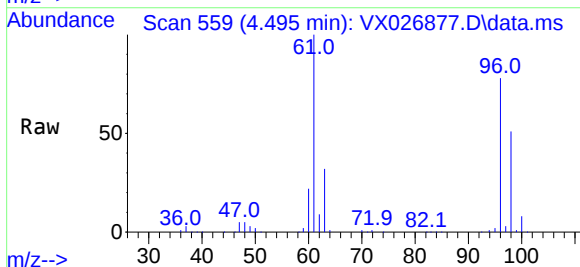
Instrument :
MSVOA_X
ClientSampleId :
MW-25-R-D

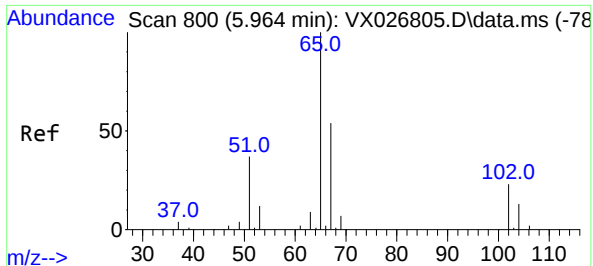
Tgt Ion: 96 Resp: 6401
Ion Ratio Lower Upper
96 100
61 150.1 112.9 169.3
98 66.2 49.5 74.3



#27
cis-1,2-Dichloroethene
Concen: 786.094 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

Tgt Ion: 96 Resp: 1232030
Ion Ratio Lower Upper
96 100
61 127.5 0.0 296.6
98 64.6 0.0 128.8





#33

1,2-Dichloroethane-d4

Concen: 53.140 ug/l

RT: 5.958 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX026877.D

Acq: 09 Feb 2022 18:30

Instrument :

MSVOA_X

ClientSampleId :

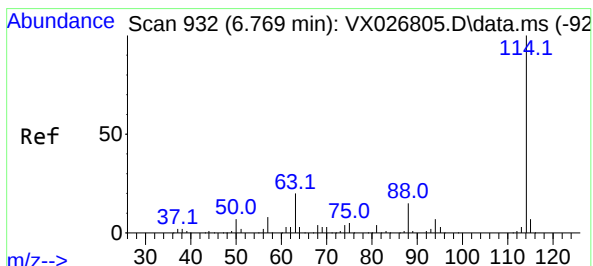
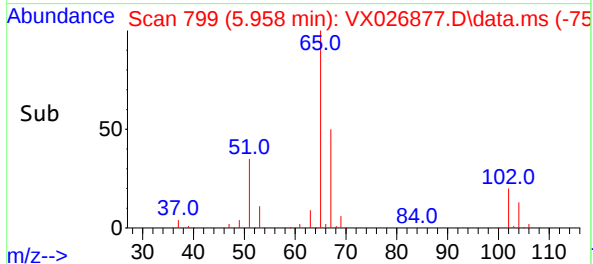
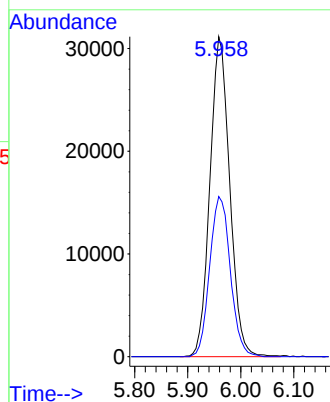
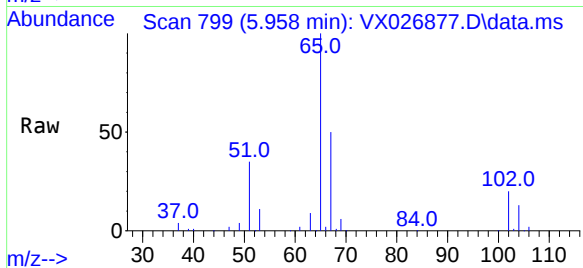
MW-25-R-D

Tgt Ion: 65 Resp: 80854

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# 931

Delta R.T. -0.006 min

Lab File: VX026877.D

Acq: 09 Feb 2022 18:30

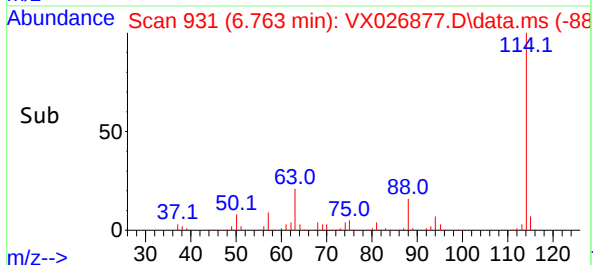
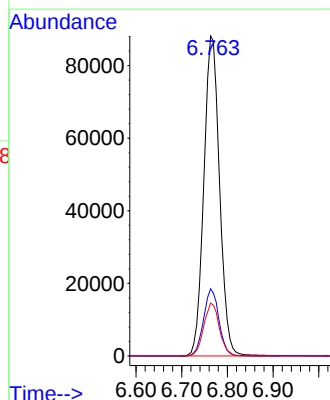
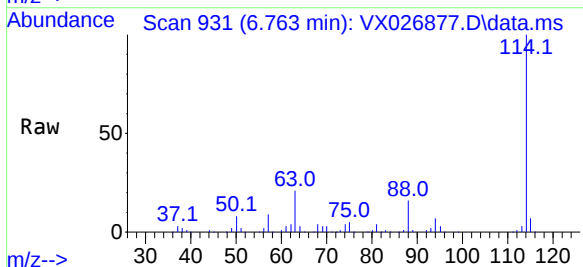
Tgt Ion: 114 Resp: 210365

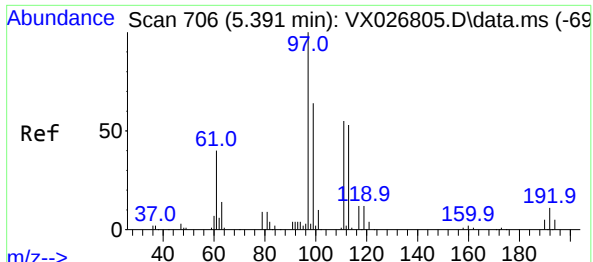
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.8

88 16.5 0.0 33.0

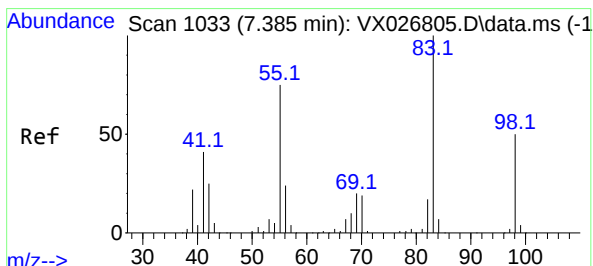
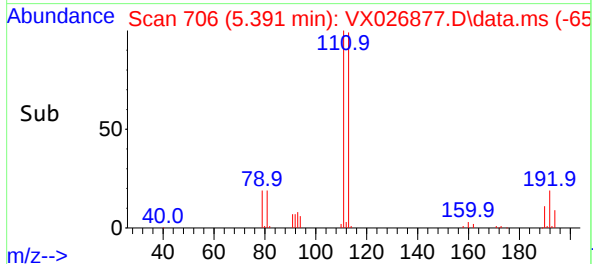
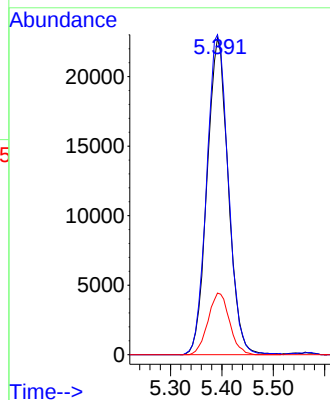
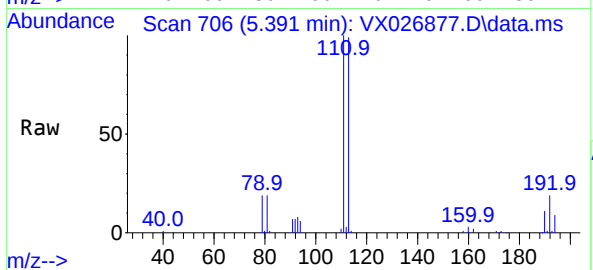




#35
Dibromofluoromethane
Concen: 52.088 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

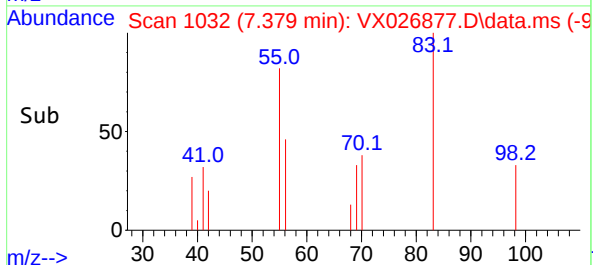
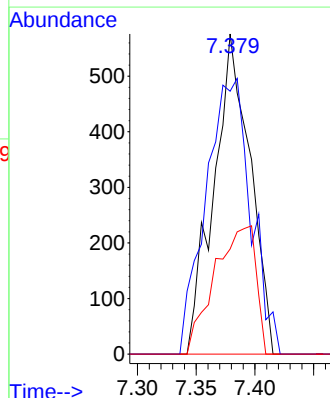
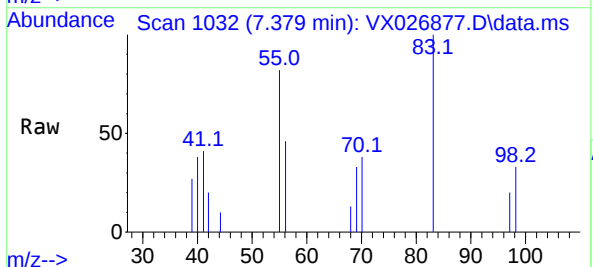
Instrument :
MSVOA_X
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MW-25-R-D

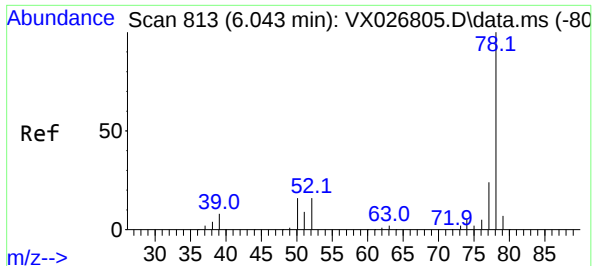
Tgt Ion:113 Resp: 65282
Ion Ratio Lower Upper
113 100
111 103.2 81.2 121.8
192 19.7 15.0 22.4



#39
Methylcyclohexane
Concen: 0.513 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

Tgt Ion: 83 Resp: 1243
Ion Ratio Lower Upper
83 100
55 82.1 63.6 95.4
98 32.8 38.4 57.6#

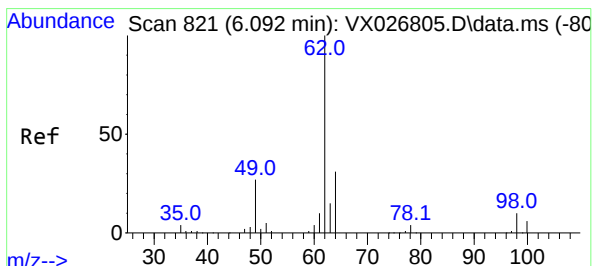
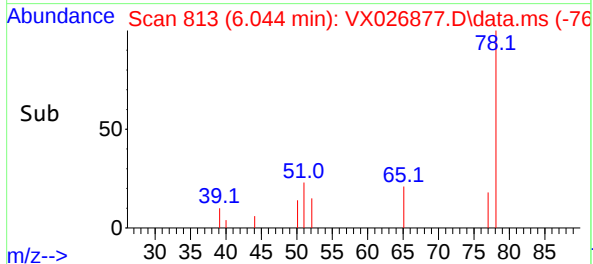
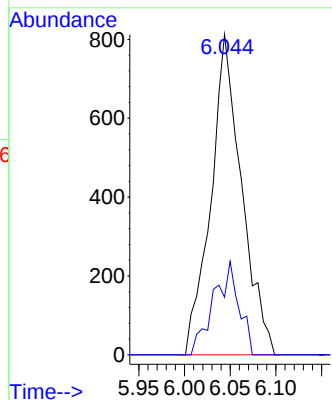
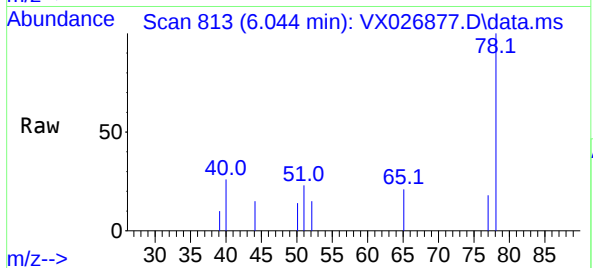




#40
Benzene
Concen: 0.330 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

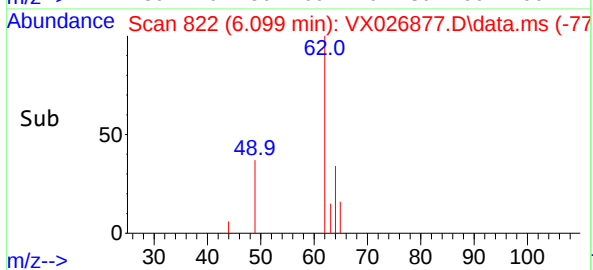
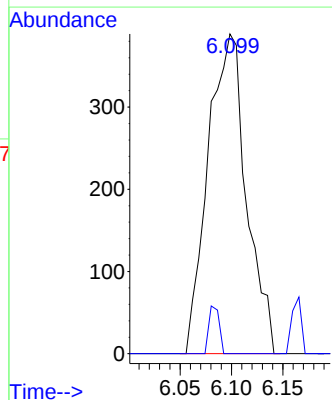
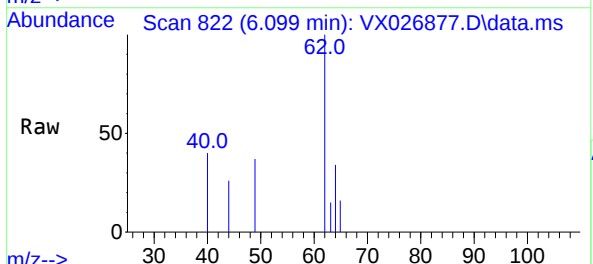
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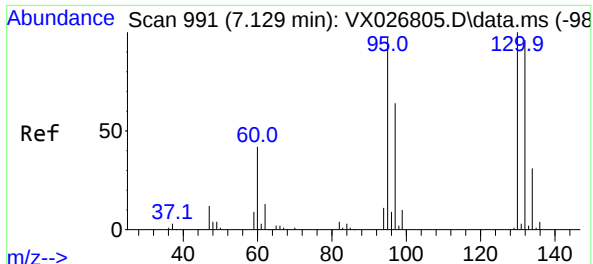
Tgt Ion: 78 Resp: 1903
Ion Ratio Lower Upper
78 100
77 18.0 18.9 28.3#



#42
1,2-Dichloroethane
Concen: 0.497 ug/l
RT: 6.099 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

Tgt Ion: 62 Resp: 1009
Ion Ratio Lower Upper
62 100
98 4.1 0.0 17.8

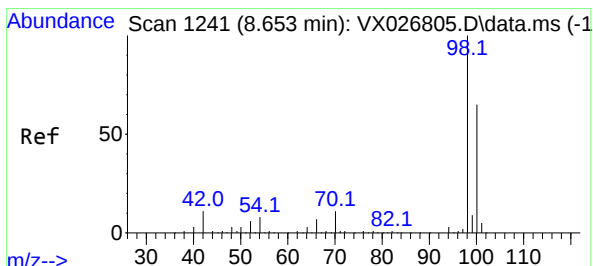
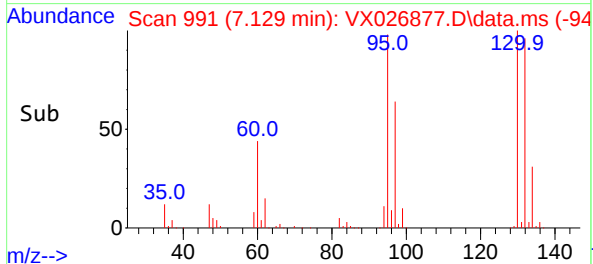
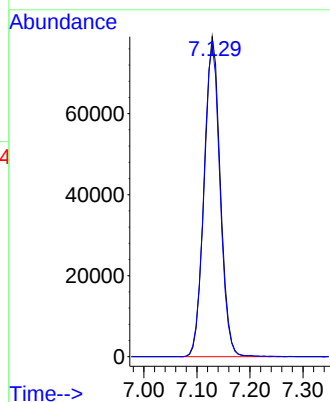
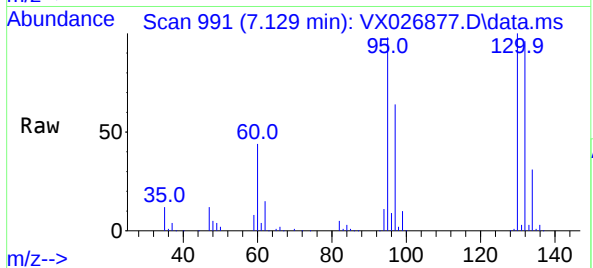




#44
Trichloroethene
Concen: 95.903 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

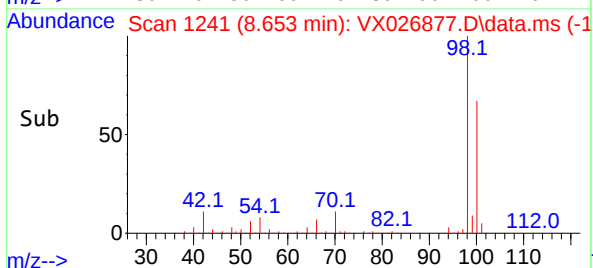
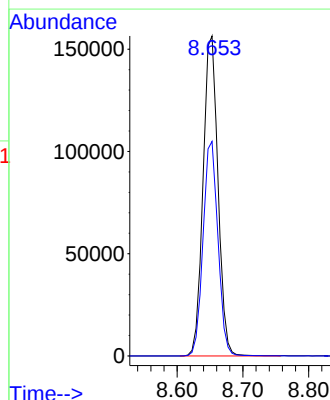
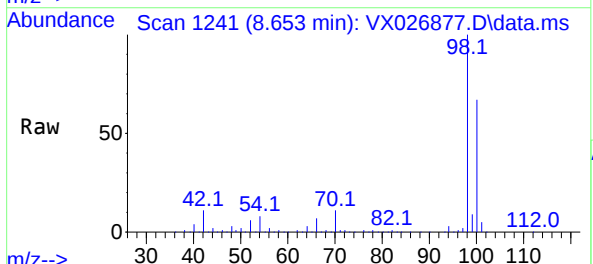
Instrument :
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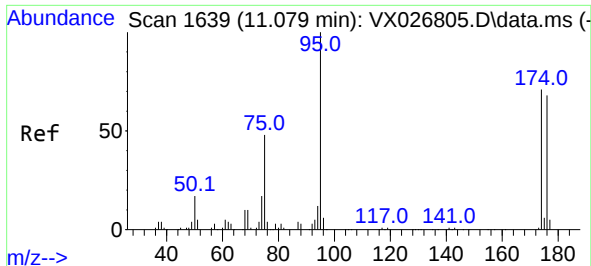
Tgt Ion:130 Resp: 165933
Ion Ratio Lower Upper
130 100
95 97.6 0.0 202.6



#50
Toluene-d8
Concen: 53.726 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

Tgt Ion: 98 Resp: 247168
Ion Ratio Lower Upper
98 100
100 66.8 53.2 79.8

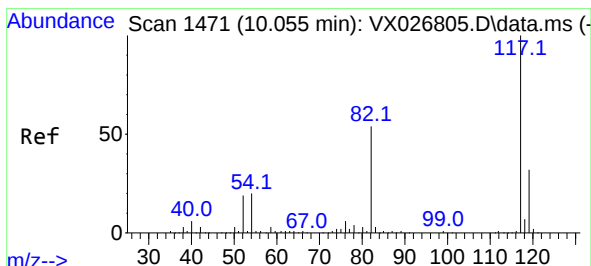
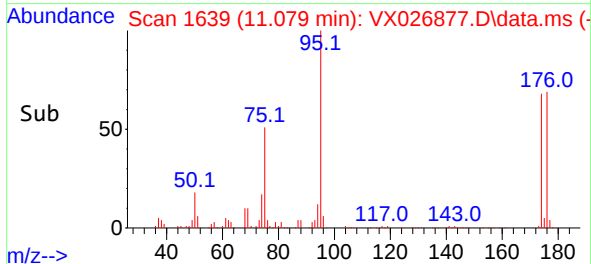
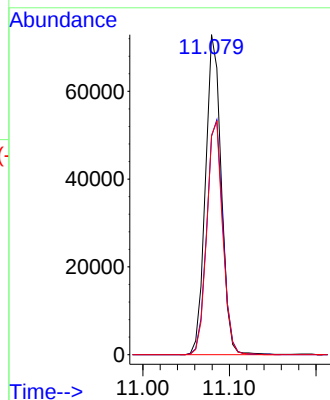
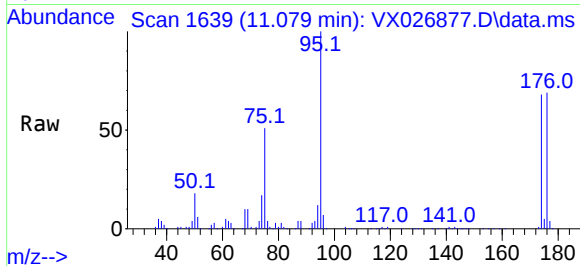




#62
4-Bromofluorobenzene
Concen: 57.005 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

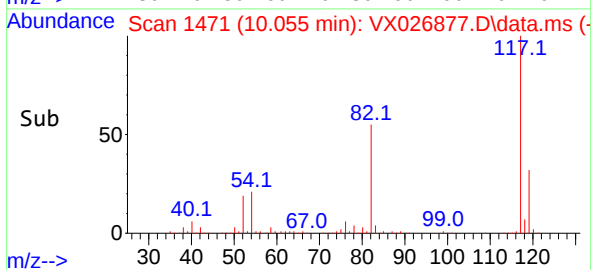
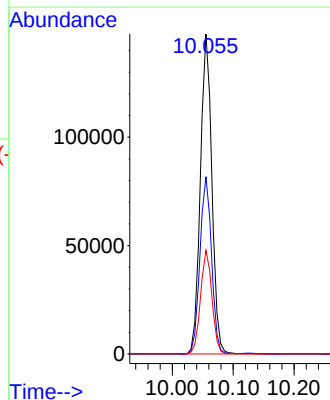
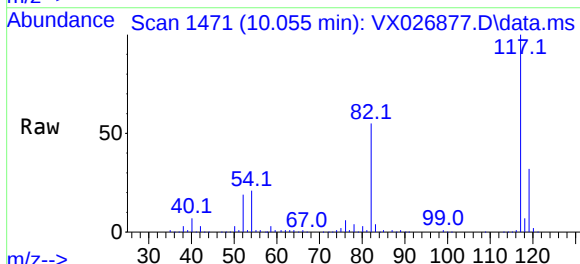
Instrument :
MSVOA_X
ClientSampleId :
MW-25-R-D

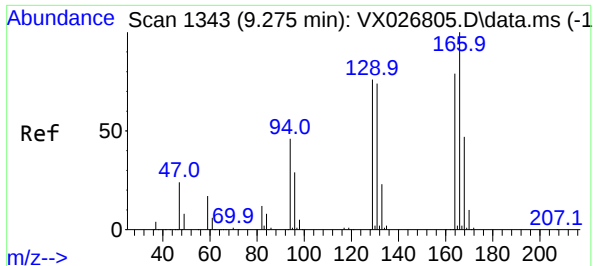
Tgt Ion: 95 Resp: 92331
Ion Ratio Lower Upper
95 100
174 74.9 0.0 148.6
176 73.0 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

Tgt Ion: 117 Resp: 193132
Ion Ratio Lower Upper
117 100
82 55.4 45.2 67.8
119 32.4 26.2 39.2



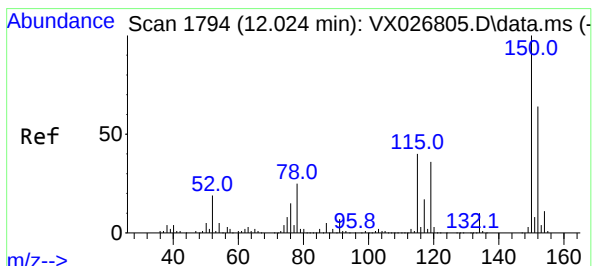
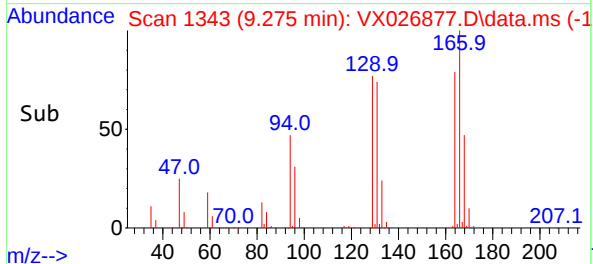
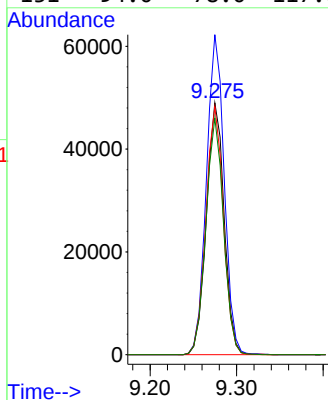
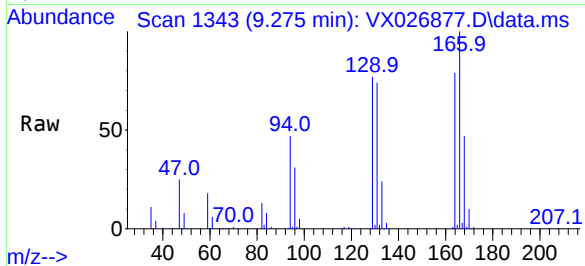


#64
Tetrachloroethene
Concen: 36.045 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

Instrument :
MSVOA_X
ClientSampleId :
MW-25-R-D

Tgt Ion:164 Resp: 69918

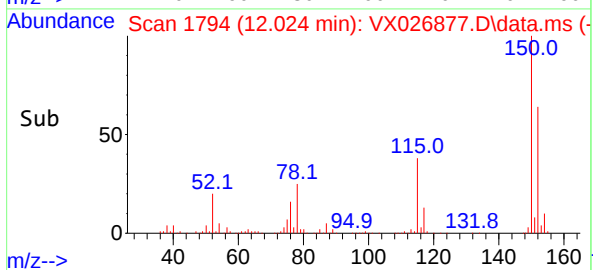
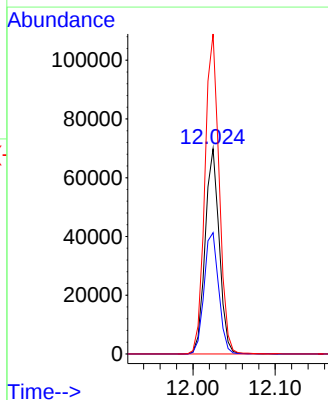
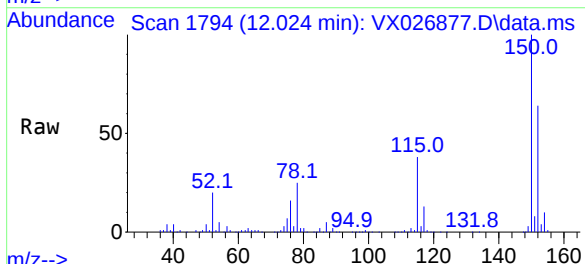
Ion	Ratio	Lower	Upper
164	100		
166	127.1	101.8	152.6
129	98.5	83.3	124.9
131	94.0	78.0	117.0

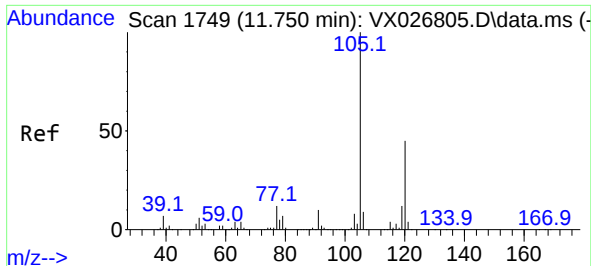


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

Tgt Ion:152 Resp: 82931

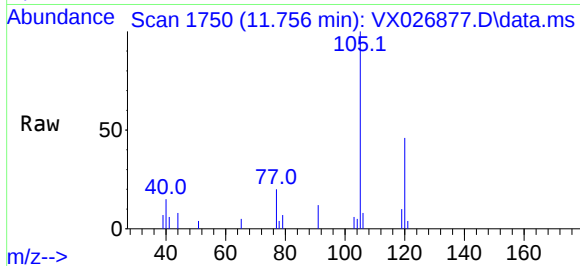
Ion	Ratio	Lower	Upper
152	100		
115	61.3	44.2	132.6
150	158.1	0.0	348.2





#84
 1,2,4-Trimethylbenzene
 Concen: 0.318 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX026877.D
 Acq: 09 Feb 2022 18:30

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-25-R-D



Tgt Ion:105 Resp: 1725
 Ion Ratio Lower Upper
 105 100
 120 46.0 21.9 65.5

