

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
 Data File : VX026956.D
 Acq On : 11 Feb 2022 06:12
 Operator : JC/MD
 Sample : N1497-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-BLIND-DUPLICATE

Quant Time: Feb 11 07:37:31 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)

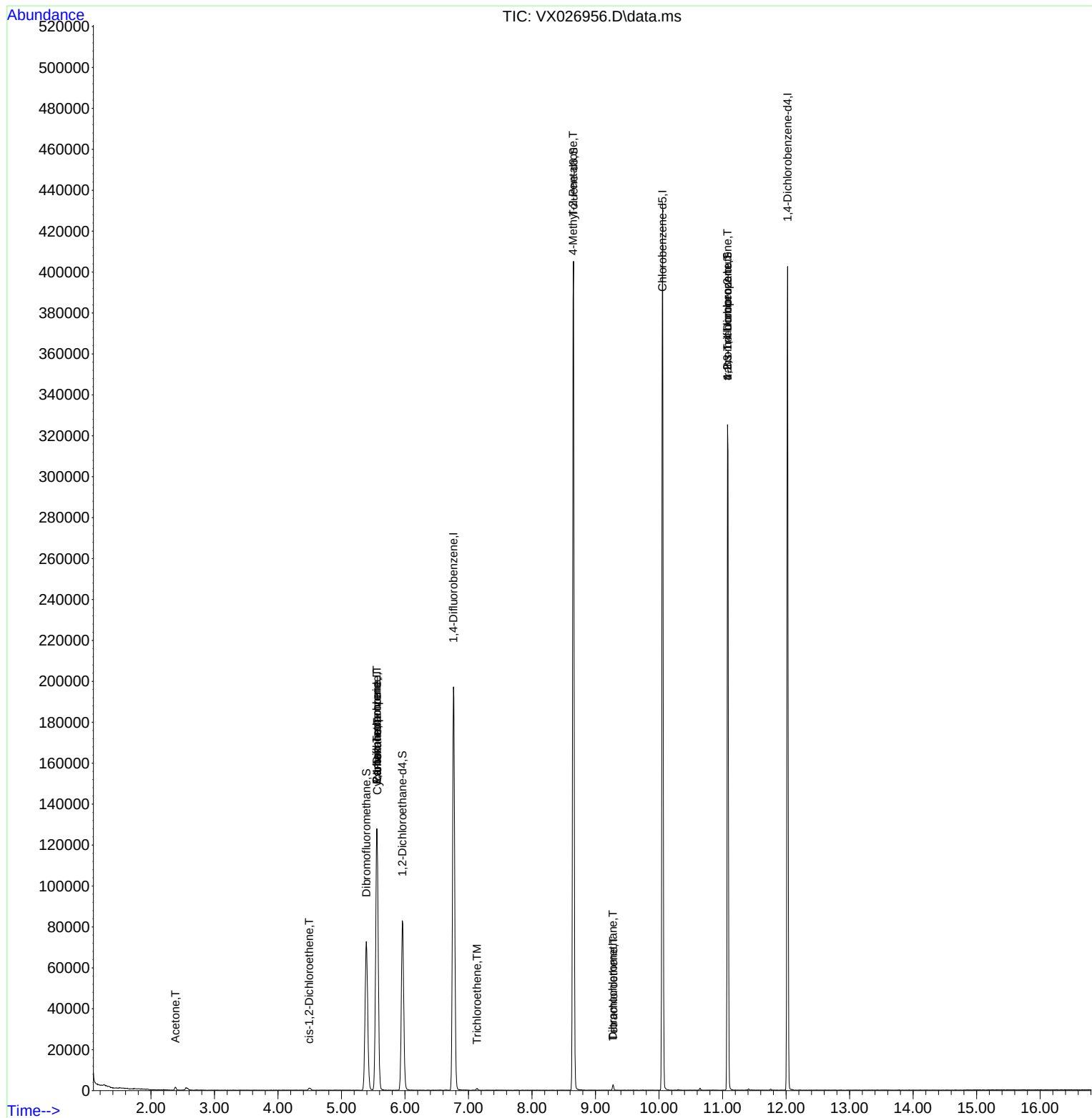
Internal Standards						
1) Pentafluorobenzene	5.556	168	121456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203043	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79726	54.683	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.360%	
35) Dibromofluoromethane	5.391	113	64014	52.918	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.840%	
50) Toluene-d8	8.653	98	240782	54.225	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.440%	
62) 4-Bromofluorobenzene	11.079	95	92043	58.876	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 117.760%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1793	2.800	ug/l	90
27) cis-1,2-Dichloroethene	4.489	96	756	0.503	ug/l	92
31) Cyclohexane	5.562	56	2398	1.035	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9532	4.995	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12449	6.221	ug/l #	17
44) Trichloroethene	7.135	130	374	0.224	ug/l	80
51) 4-Methyl-2-Pentanone	8.647	43	1016	0.502	ug/l #	1
60) Dibromochloromethane	9.275	129	507	0.370	ug/l #	11
64) Tetrachloroethene	9.281	164	541	0.285	ug/l #	84
76) 1,2,3-Trichloropropane	11.079	75	45629	25.519	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	45629	77.769	ug/l #	3

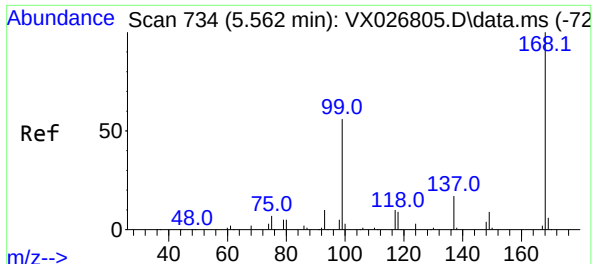
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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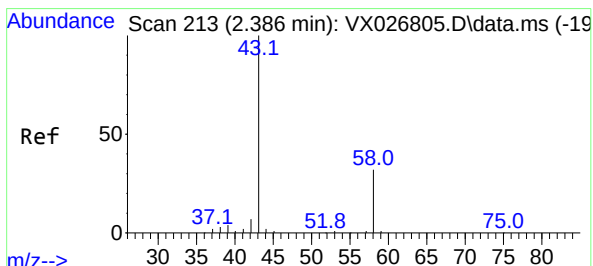
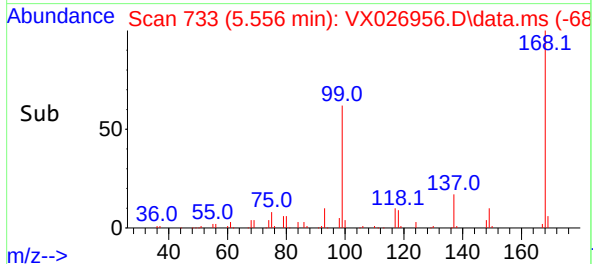
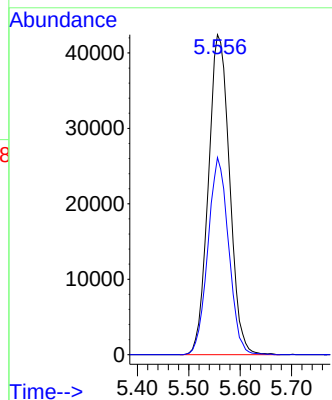
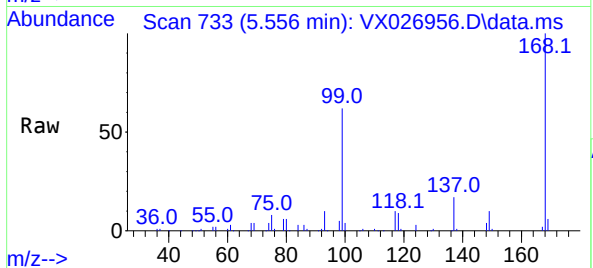




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026956.D
Acq: 11 Feb 2022 06:12

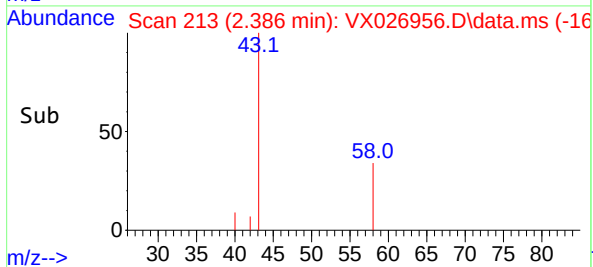
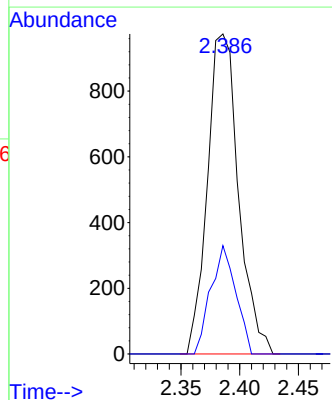
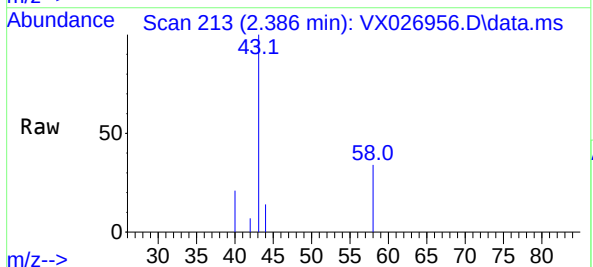
Instrument :
MSVOA_X
ClientSampleId :
MW-BLIND-DUPLICATE

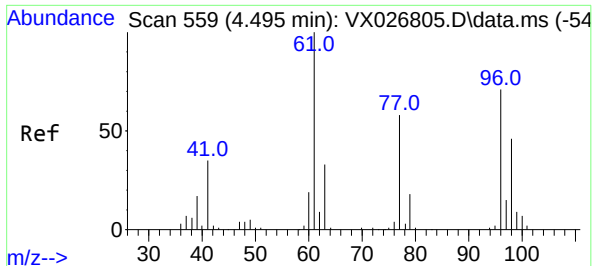
Tgt Ion:168 Resp: 121456
Ion Ratio Lower Upper
168 100
99 61.6 50.3 75.5



#16
Acetone
Concen: 2.800 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026956.D
Acq: 11 Feb 2022 06:12

Tgt Ion: 43 Resp: 1793
Ion Ratio Lower Upper
43 100
58 33.9 23.0 34.6

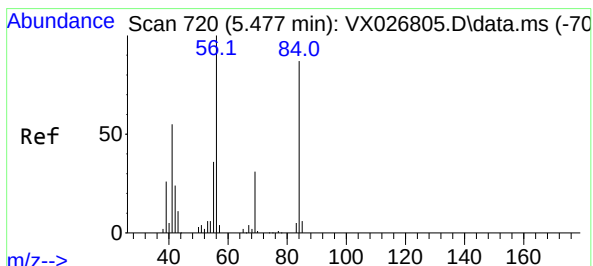
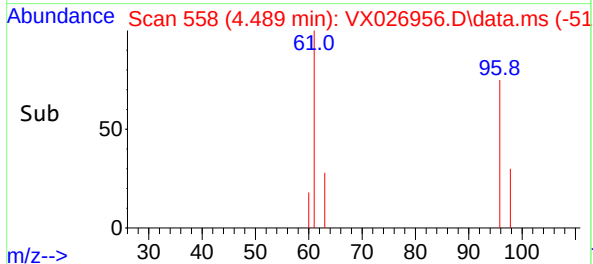
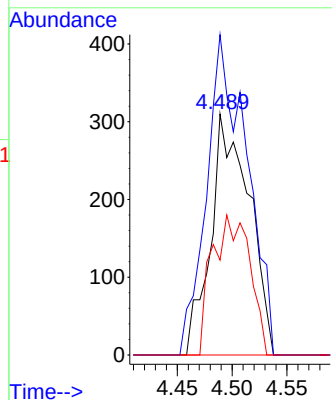
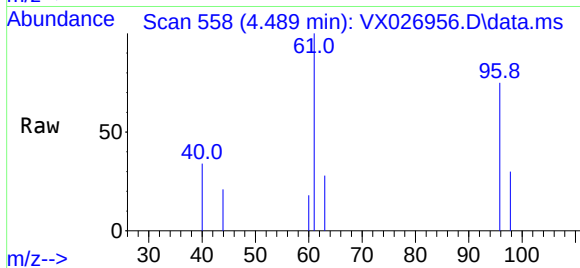




#27
cis-1,2-Dichloroethene
Concen: 0.503 ug/l
RT: 4.489 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX026956.D
Acq: 11 Feb 2022 06:12

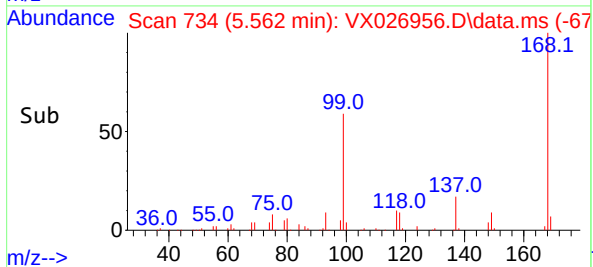
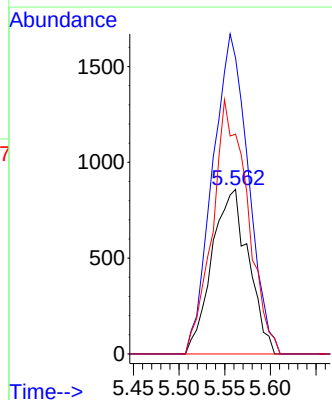
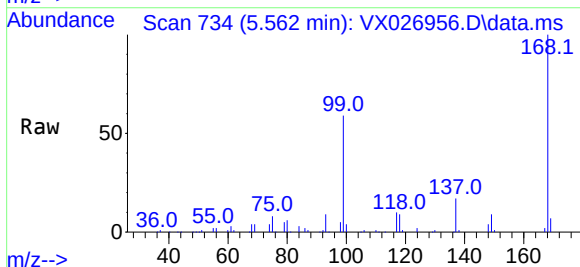
Instrument :
MSVOA_X
ClientSampleId :
MW-BLIND-DUPLICATE

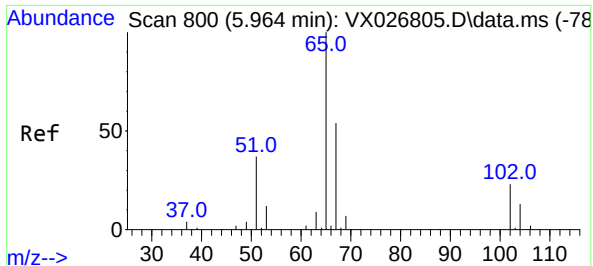
Tgt Ion: 96	Resp:	756	
Ion	Ratio	Lower	Upper
96	100		
61	138.9	0.0	296.6
98	56.9	0.0	128.8



#31
Cyclohexane
Concen: 1.035 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX026956.D
Acq: 11 Feb 2022 06:12

Tgt Ion: 56	Resp:	2398	
Ion	Ratio	Lower	Upper
56	100		
69	179.9	25.8	38.6#
84	133.5	68.9	103.3#





#33

1,2-Dichloroethane-d4

Concen: 54.683 ug/l

RT: 5.958 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX026956.D

Acq: 11 Feb 2022 06:12

Instrument :

MSVOA_X

ClientSampleId :

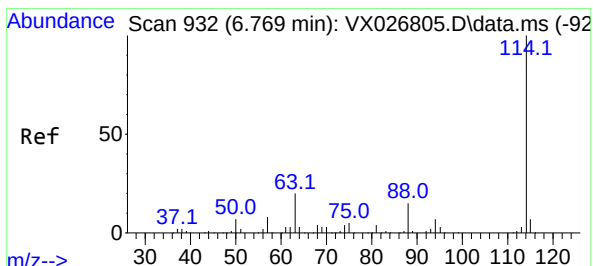
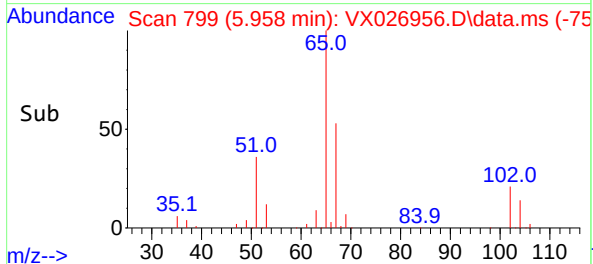
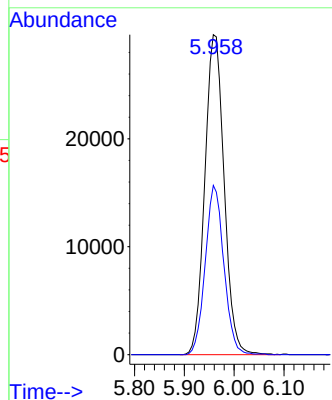
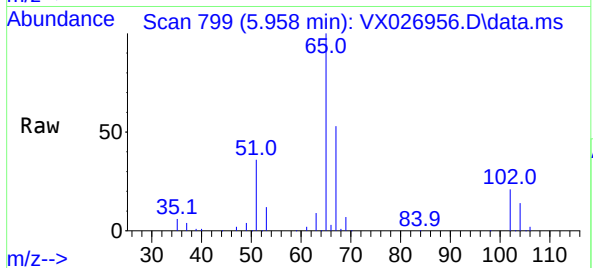
MW-BLIND-DUPLICATE

Tgt Ion: 65 Resp: 79726

Ion Ratio Lower Upper

65 100

67 51.0 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: VX026956.D

Acq: 11 Feb 2022 06:12

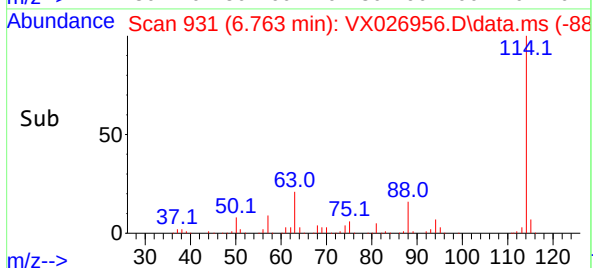
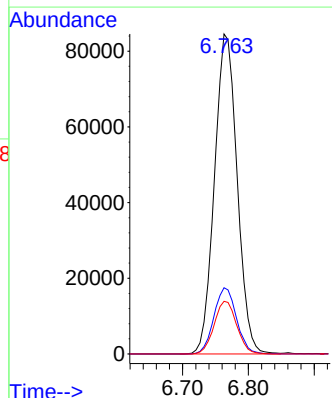
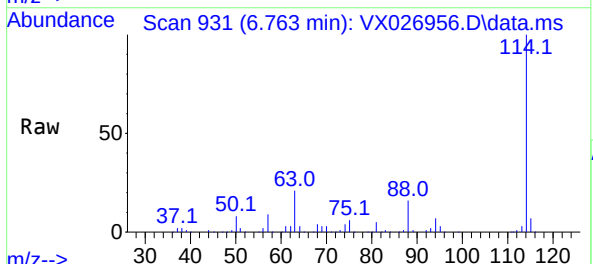
Tgt Ion:114 Resp: 203043

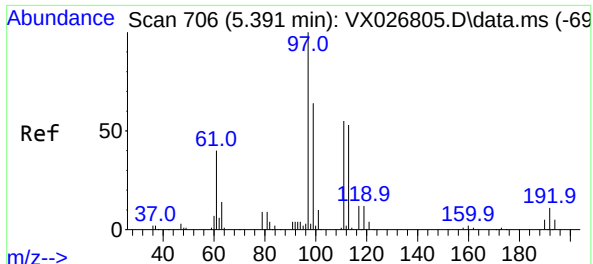
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.8

88 16.5 0.0 33.0

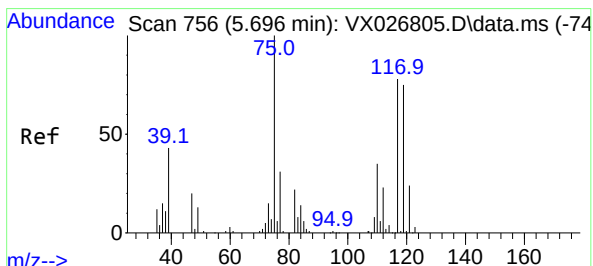
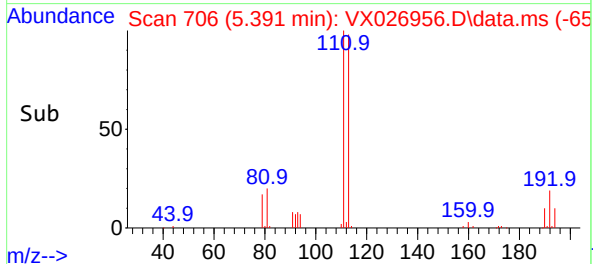
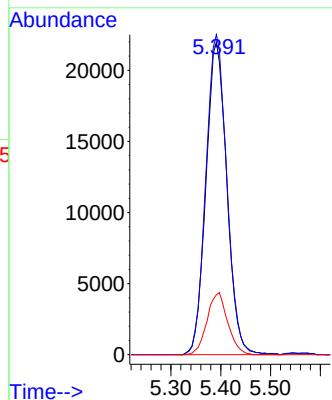
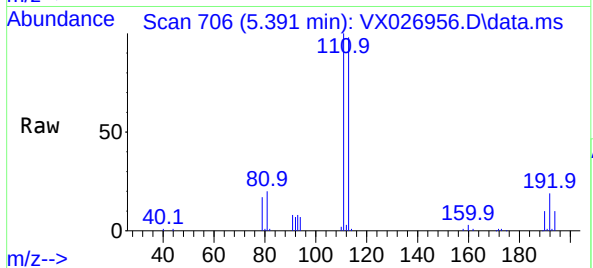




#35
Dibromofluoromethane
Concen: 52.918 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026956.D
Acq: 11 Feb 2022 06:12

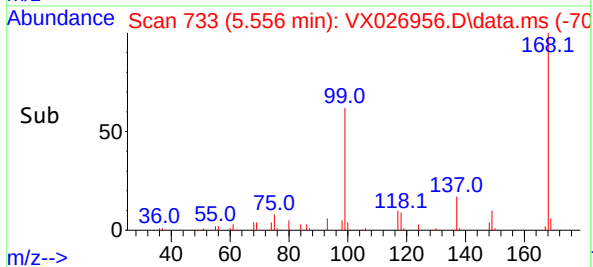
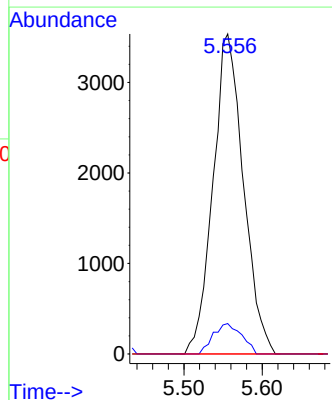
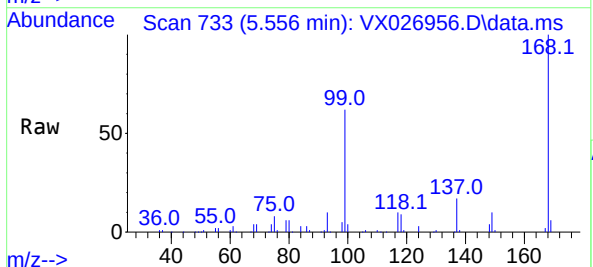
Instrument :
MSVOA_X
ClientSampleId :
MW-BLIND-DUPLICATE

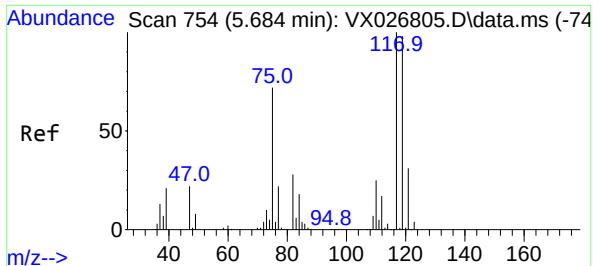
Tgt Ion:113 Resp: 64014
Ion Ratio Lower Upper
113 100
111 102.8 81.2 121.8
192 19.6 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.995 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX026956.D
Acq: 11 Feb 2022 06:12

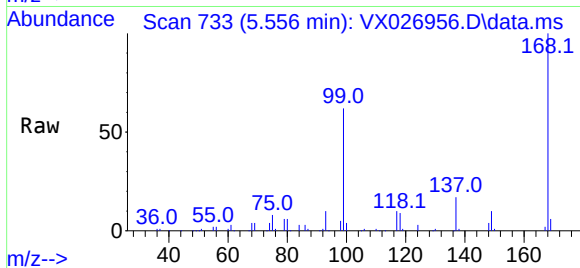
Tgt Ion: 75 Resp: 9532
Ion Ratio Lower Upper
75 100
110 8.8 17.2 51.6#
77 0.0 24.6 36.8#



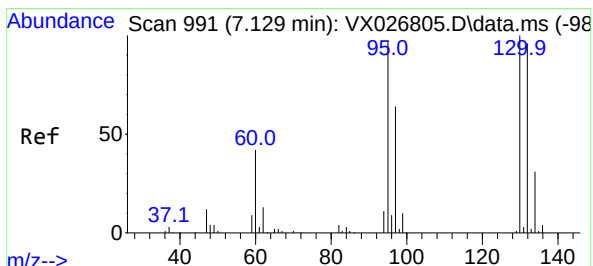
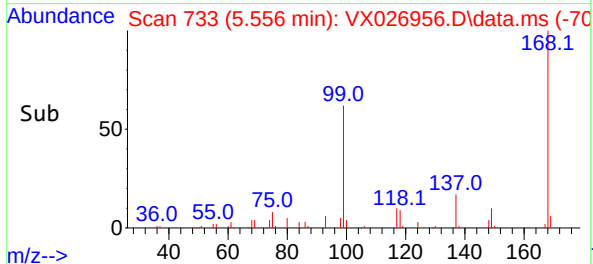
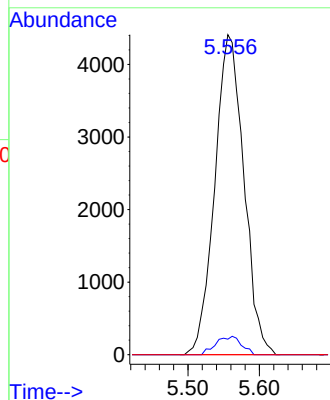


#38
Carbon Tetrachloride
Concen: 6.221 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026956.D
Acq: 11 Feb 2022 06:12

Instrument :
MSVOA_X
ClientSampleId :
MW-BLIND-DUPLICATE

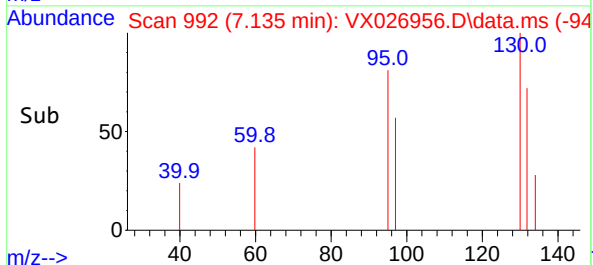
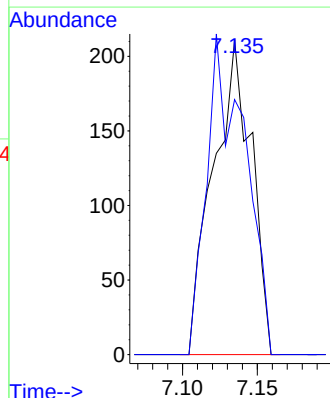
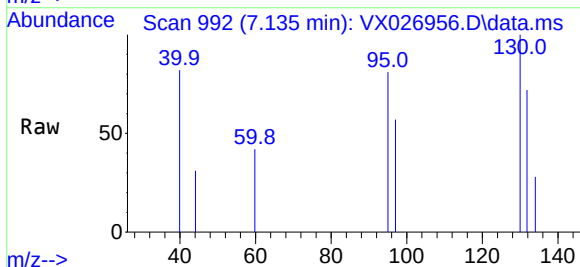


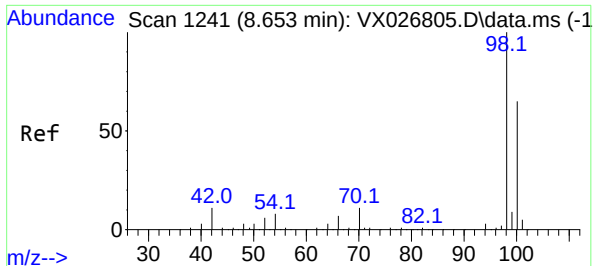
Tgt Ion:117 Resp: 12449
Ion Ratio Lower Upper
117 100
119 4.9 74.7 112.1#
121 0.0 25.4 38.0#



#44
Trichloroethene
Concen: 0.224 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX026956.D
Acq: 11 Feb 2022 06:12

Tgt Ion:130 Resp: 374
Ion Ratio Lower Upper
130 100
95 81.0 0.0 202.6

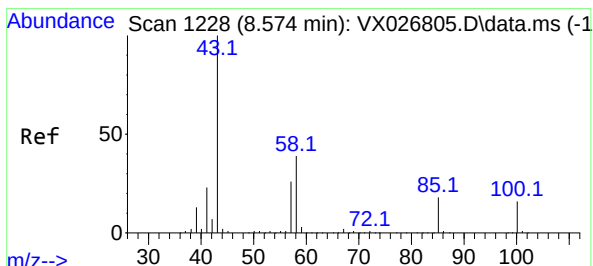
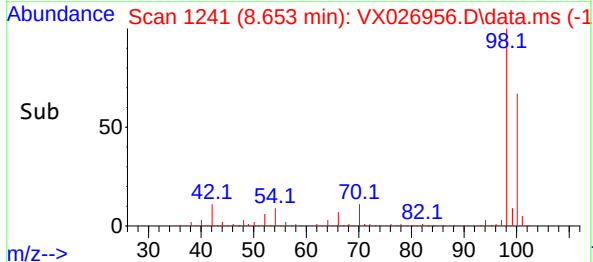
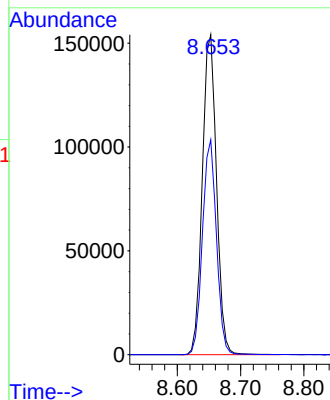
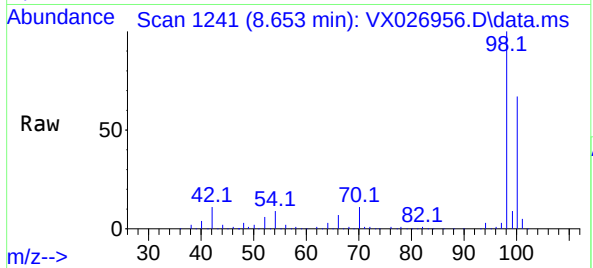




#50
Toluene-d8
Concen: 54.225 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026956.D
Acq: 11 Feb 2022 06:12

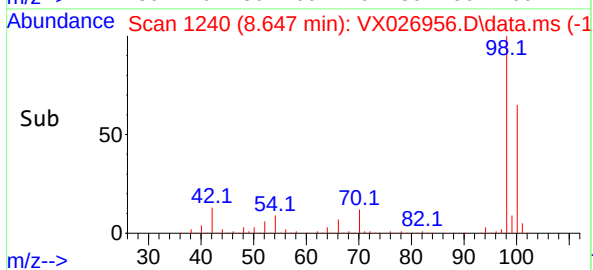
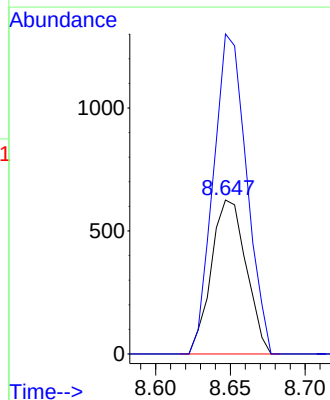
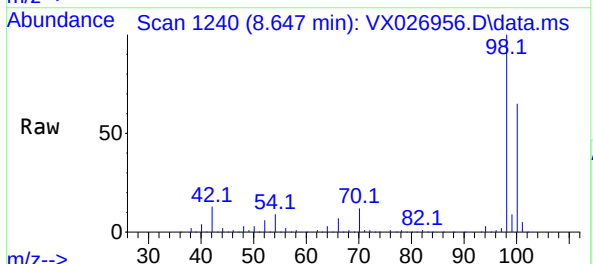
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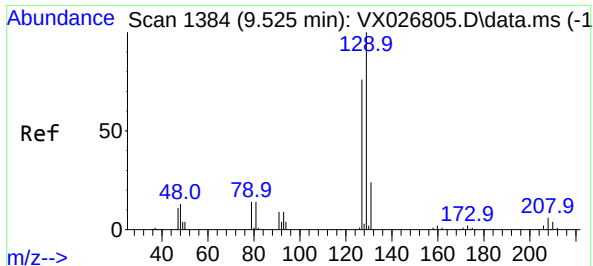
Tgt Ion: 98 Resp: 240782
Ion Ratio Lower Upper
98 100
100 66.3 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.502 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX026956.D
Acq: 11 Feb 2022 06:12

Tgt Ion: 43 Resp: 1016
Ion Ratio Lower Upper
43 100
58 197.7 30.5 45.7#

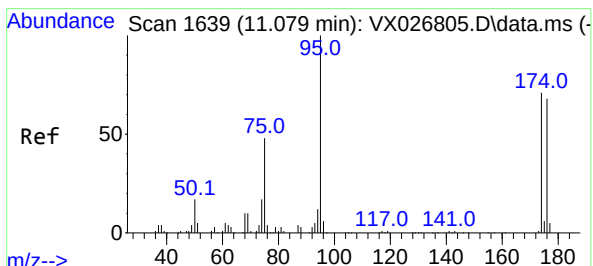
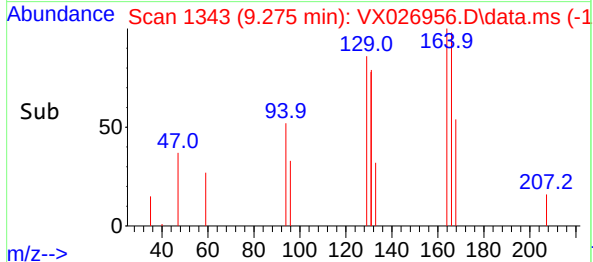
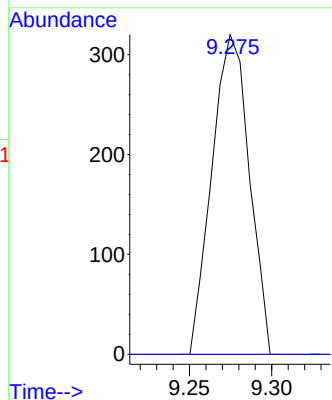
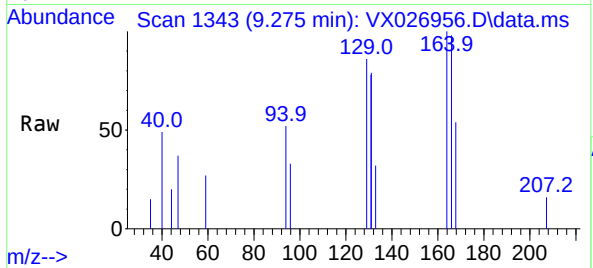




#60
Dibromochloromethane
Concen: 0.370 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX026956.D
Acq: 11 Feb 2022 06:12

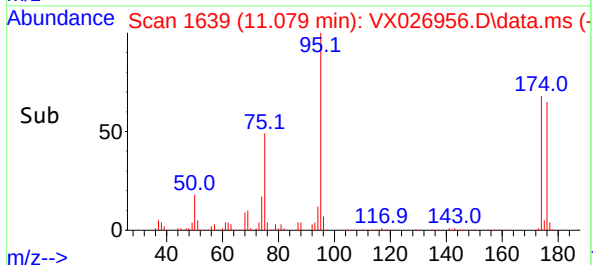
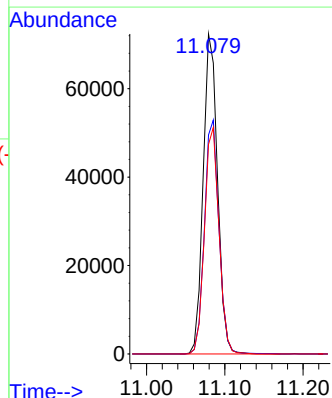
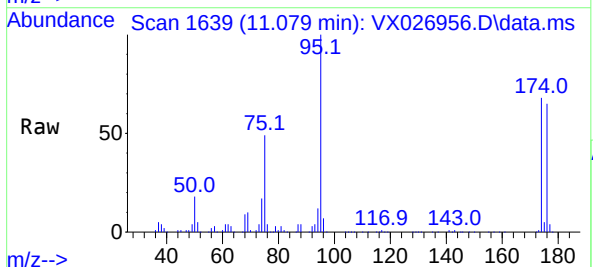
Instrument :
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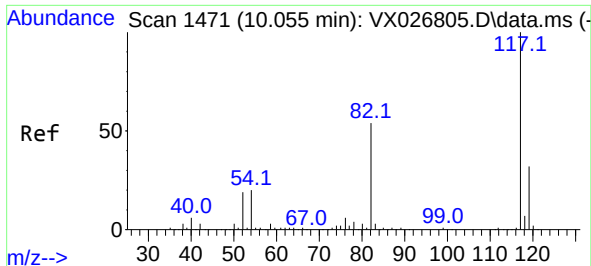
Tgt Ion:129 Resp: 507
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 58.876 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026956.D
Acq: 11 Feb 2022 06:12

Tgt Ion: 95 Resp: 92043
Ion Ratio Lower Upper
95 100
174 73.6 0.0 148.6
176 71.6 0.0 141.4

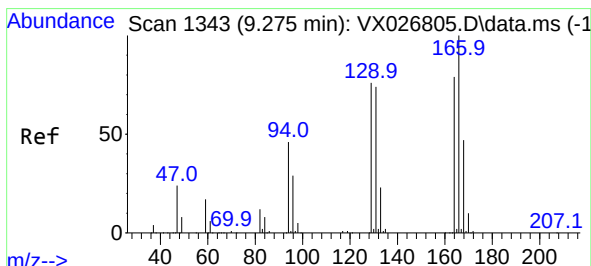
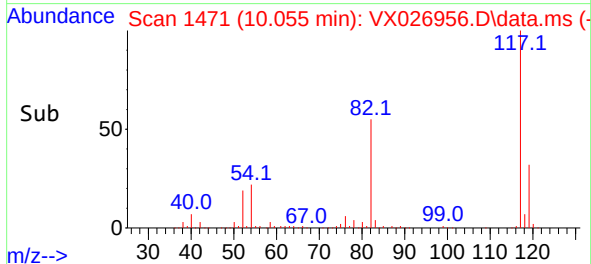
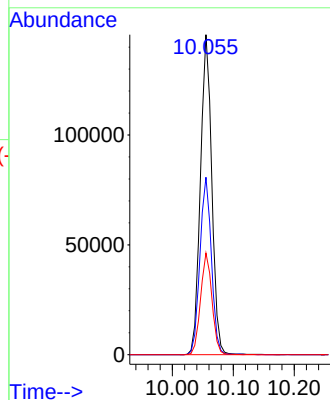
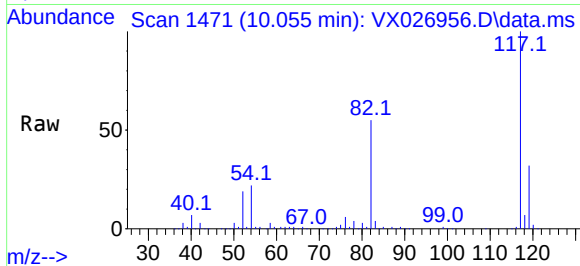




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026956.D
Acq: 11 Feb 2022 06:12

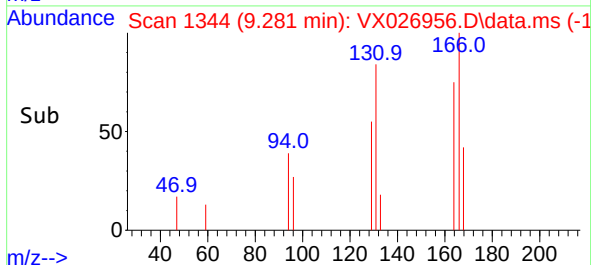
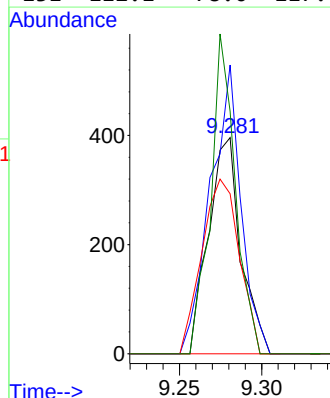
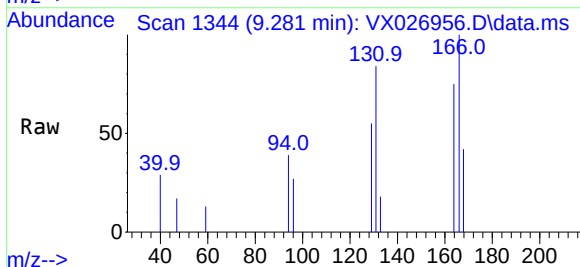
Instrument :
MSVOA_X
ClientSampleId :
MW-BLIND-DUPLICATE

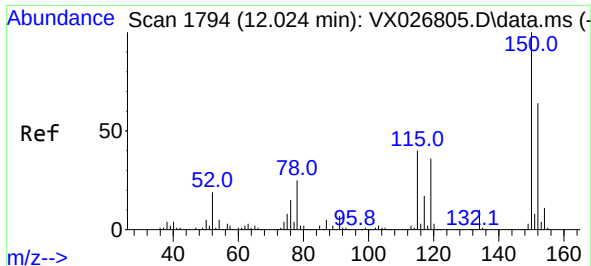
Tgt Ion:117 Resp: 189177
Ion Ratio Lower Upper
117 100
82 55.4 45.2 67.8
119 31.7 26.2 39.2



#64
Tetrachloroethene
Concen: 0.285 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX026956.D
Acq: 11 Feb 2022 06:12

Tgt Ion:164 Resp: 541
Ion Ratio Lower Upper
164 100
166 133.6 101.8 152.6
129 74.0 83.3 124.9#
131 112.1 78.0 117.0

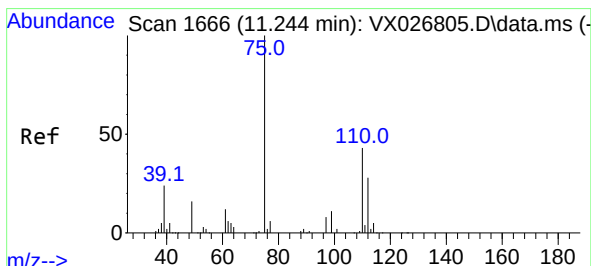
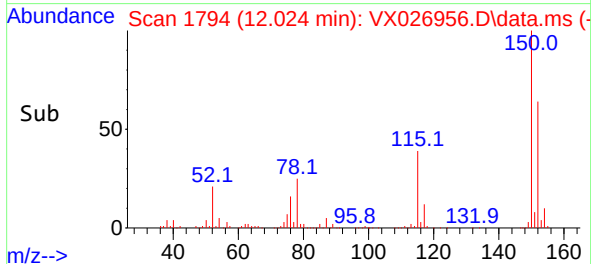
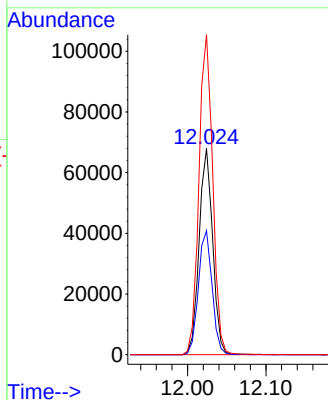
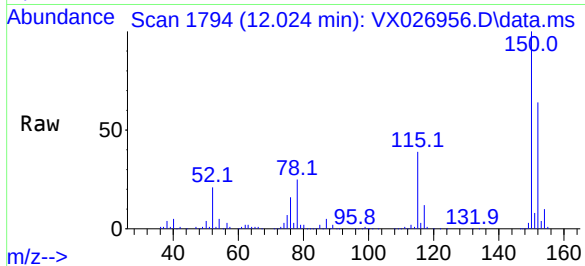




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026956.D
Acq: 11 Feb 2022 06:12

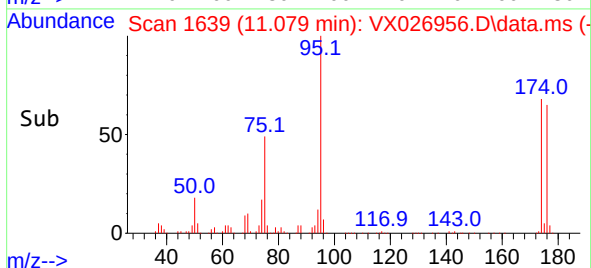
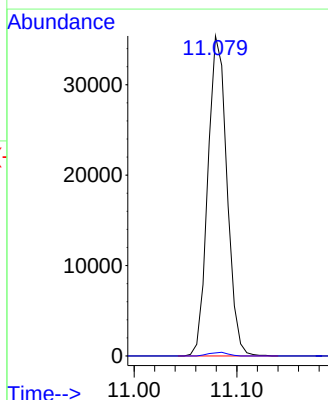
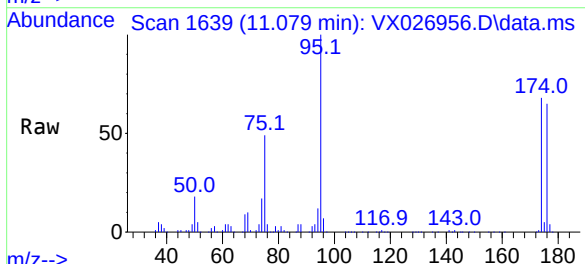
Instrument :
MSVOA_X
ClientSampleId :
MW-BLIND-DUPLICATE

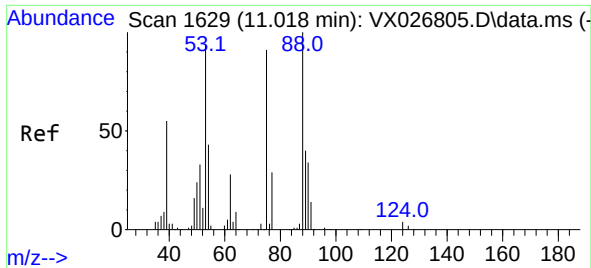
Tgt Ion:152 Resp: 81680
Ion Ratio Lower Upper
152 100
115 60.9 44.2 132.6
150 157.7 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 25.519 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026956.D
Acq: 11 Feb 2022 06:12

Tgt Ion: 75 Resp: 45629
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 77.769 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX026956.D
Acq: 11 Feb 2022 06:12

Instrument :
MSVOA_X
ClientSampleId :
MW-BLIND-DUPLICATE

Tgt Ion: 75 Resp: 45629
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

