

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
 Data File : VX026960.D
 Acq On : 11 Feb 2022 12:31
 Operator : JC/MD
 Sample : VX0211MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211MBL01

Quant Time: Feb 12 04:26:42 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)

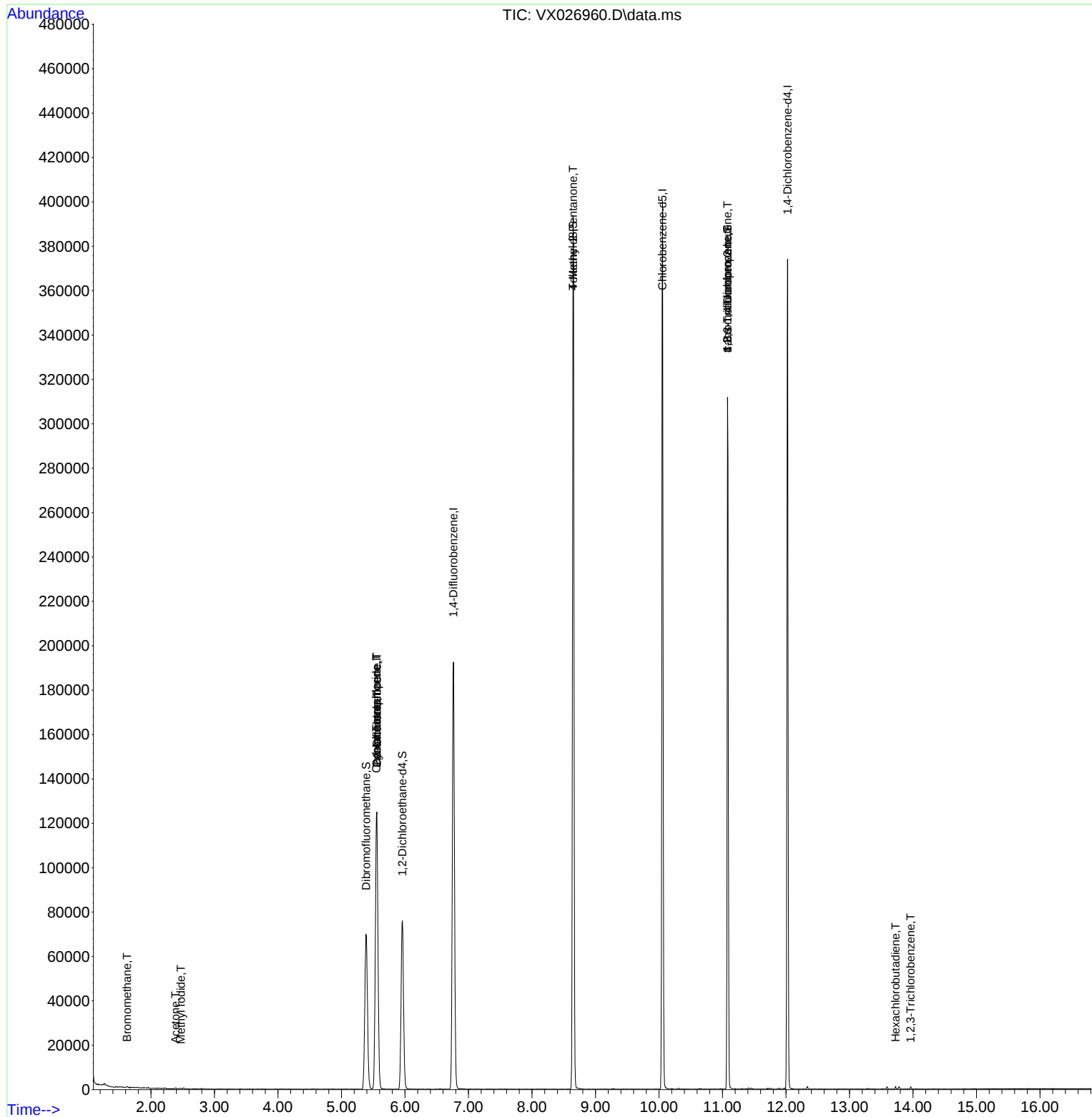
Internal Standards						
1) Pentafluorobenzene	5.556	168	119880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	198835	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75647	52.568	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.140%		
35) Dibromofluoromethane	5.385	113	62038	52.370	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.740%		
50) Toluene-d8	8.647	98	232899	53.560	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 107.120%		
62) 4-Bromofluorobenzene	11.079	95	85105	55.590	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 111.180%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	249	0.462	ug/l #	64
10) Methyl Iodide	2.471	142	367	2.460	ug/l #	68
16) Acetone	2.386	43	561	0.888	ug/l	90
31) Cyclohexane	5.556	56	2352	1.029	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9430	5.046	ug/l #	51
38) Carbon Tetrachloride	5.550	117	11811	6.027	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1046	0.528	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41928	24.872	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	41928	75.883	ug/l #	3
94) Hexachlorobutadiene	13.725	225	300	0.441	ug/l	83
96) 1,2,3-Trichlorobenzene	13.963	180	375	0.230	ug/l	81

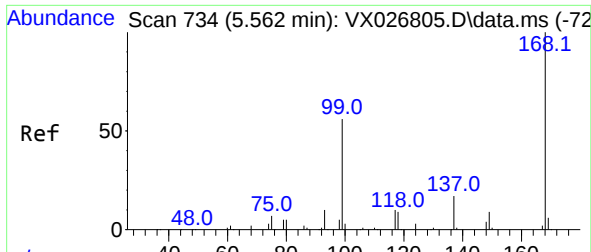
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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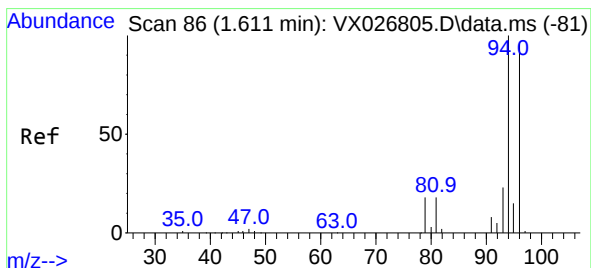
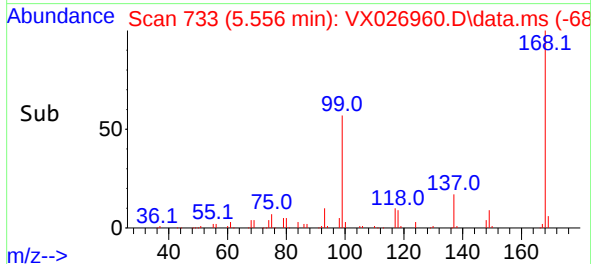
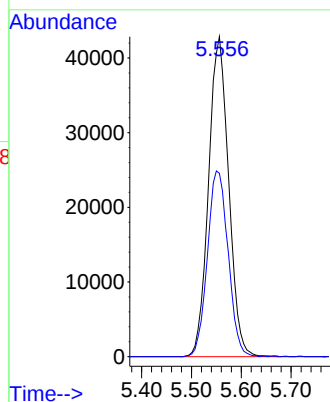
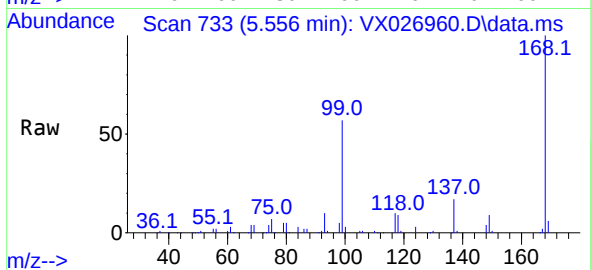




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026960.D
Acq: 11 Feb 2022 12:31

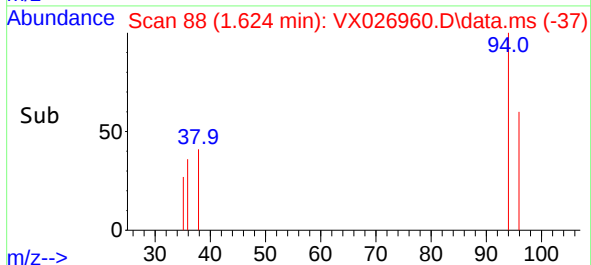
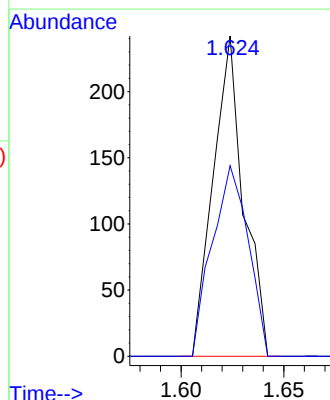
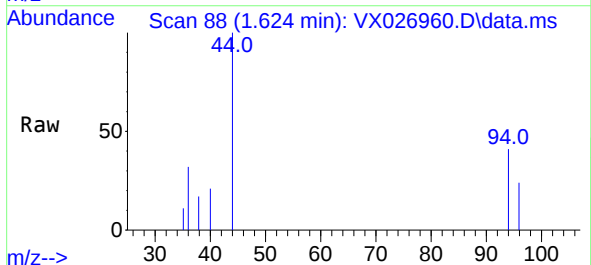
Instrument :
MSVOA_X
ClientSampleId :
VX0211MBL01

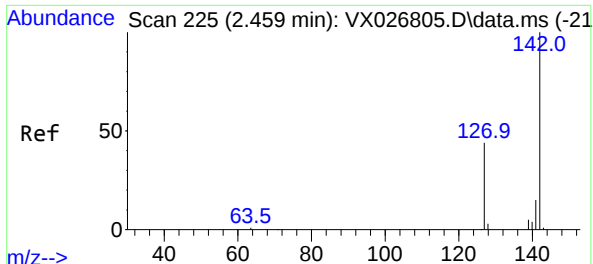
Tgt Ion:168 Resp: 119880
Ion Ratio Lower Upper
168 100
99 57.3 50.3 75.5



#5
Bromomethane
Concen: 0.462 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX026960.D
Acq: 11 Feb 2022 12:31

Tgt Ion: 94 Resp: 249
Ion Ratio Lower Upper
94 100
96 59.5 75.9 113.9#

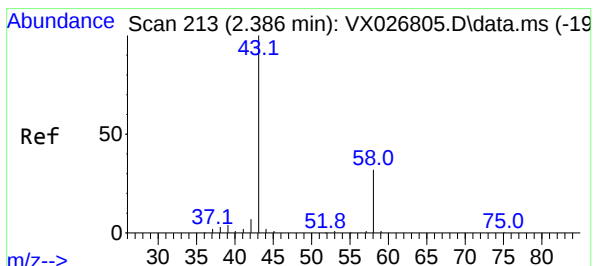
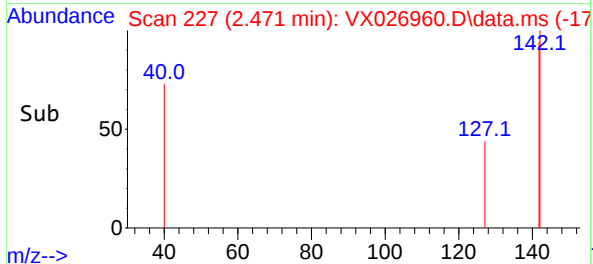
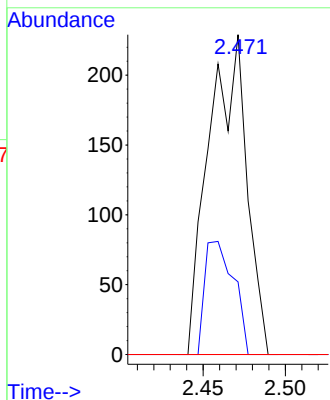
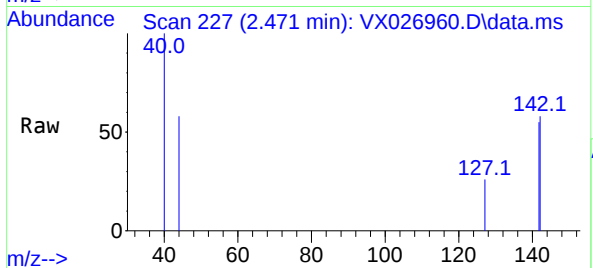




#10
Methyl Iodide
Concen: 2.460 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX026960.D
Acq: 11 Feb 2022 12:31

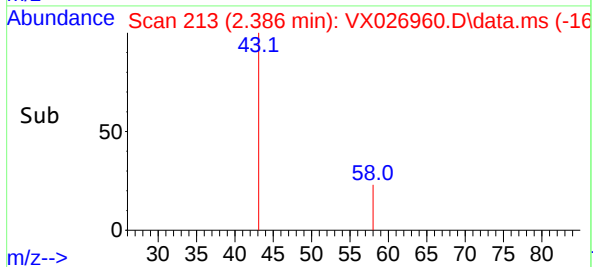
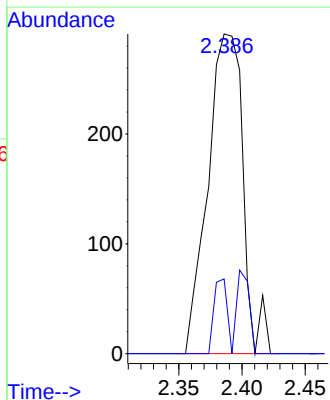
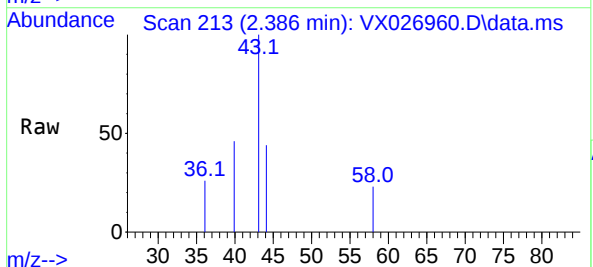
Instrument :
MSVOA_X
ClientSampleId :
VX0211MBL01

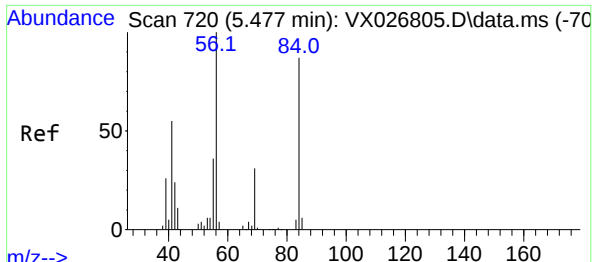
Tgt Ion:142 Resp: 367
Ion Ratio Lower Upper
142 100
127 27.0 38.1 57.1#
141 0.0 11.2 16.8#



#16
Acetone
Concen: 0.888 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026960.D
Acq: 11 Feb 2022 12:31

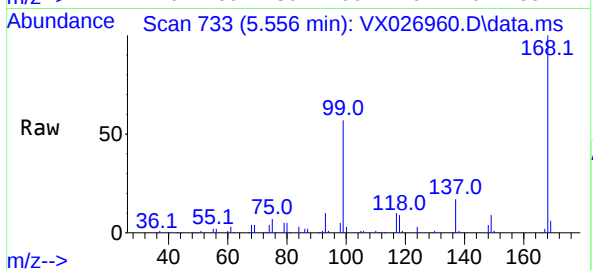
Tgt Ion: 43 Resp: 561
Ion Ratio Lower Upper
43 100
58 23.4 23.0 34.6



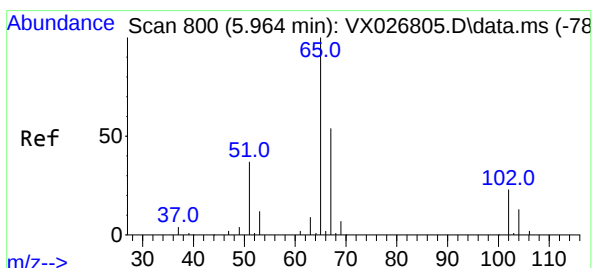
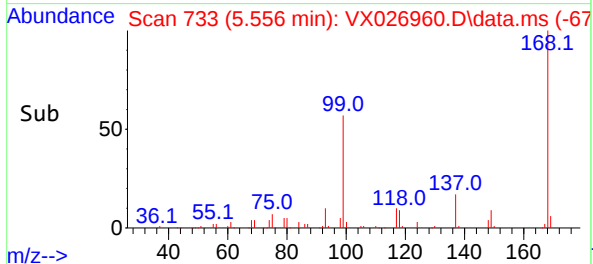
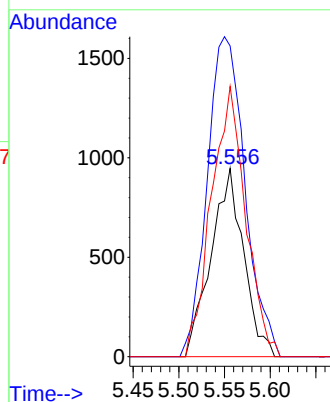


#31
Cyclohexane
Concen: 1.029 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX026960.D
Acq: 11 Feb 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0211MBL01

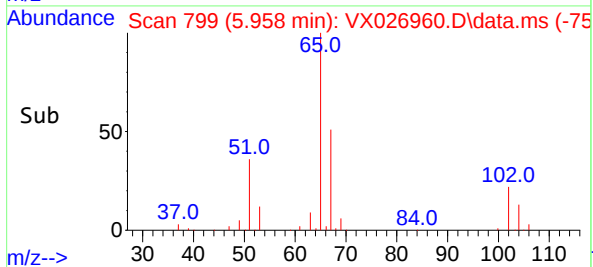
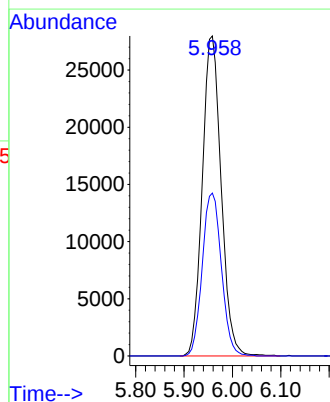
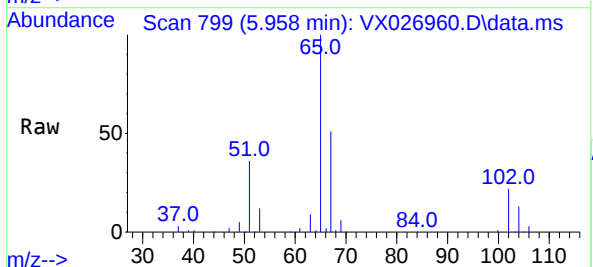


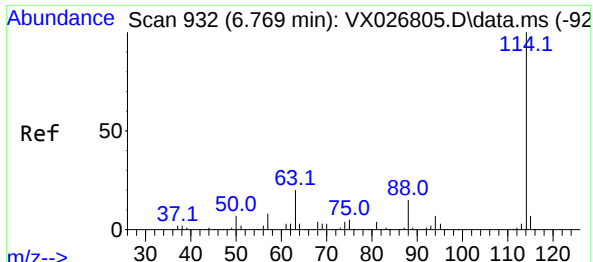
Tgt Ion: 56 Resp: 2352
Ion Ratio Lower Upper
56 100
69 164.9 25.8 38.6#
84 143.5 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 52.568 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026960.D
Acq: 11 Feb 2022 12:31

Tgt Ion: 65 Resp: 75647
Ion Ratio Lower Upper
65 100
67 51.7 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: VX026960.D

Acq: 11 Feb 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0211MBL01

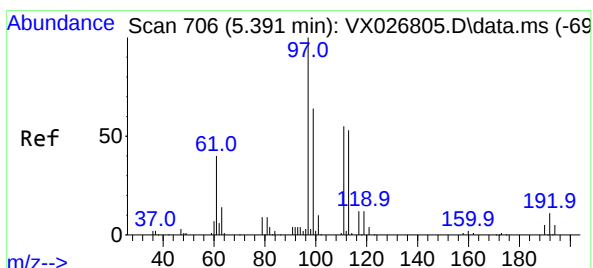
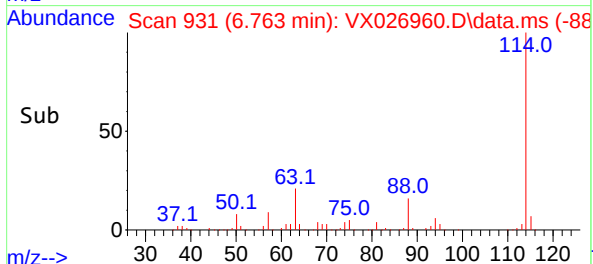
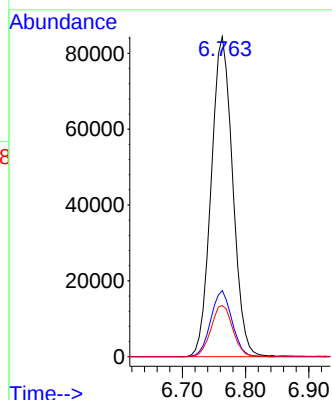
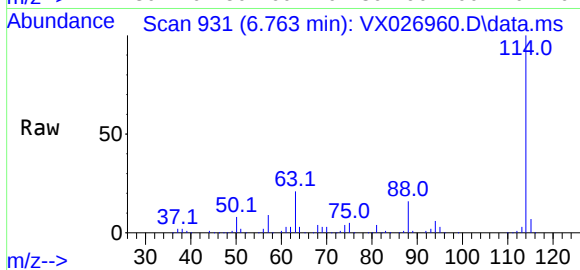
Tgt Ion:114 Resp: 198835

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

88 16.0 0.0 33.0



#35

Dibromofluoromethane

Concen: 52.370 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX026960.D

Acq: 11 Feb 2022 12:31

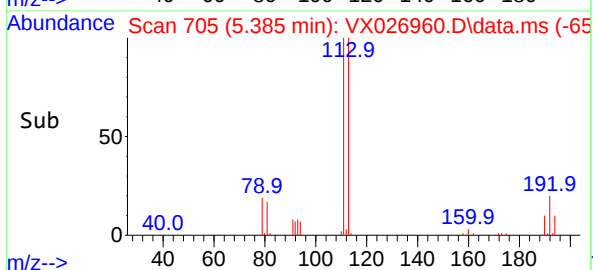
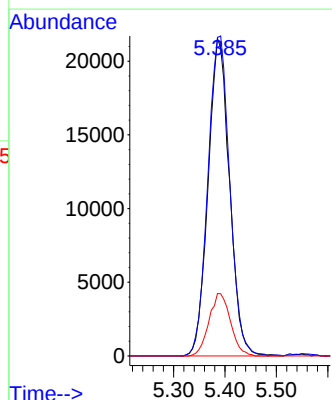
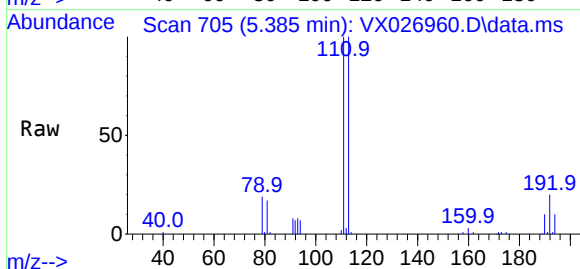
Tgt Ion:113 Resp: 62038

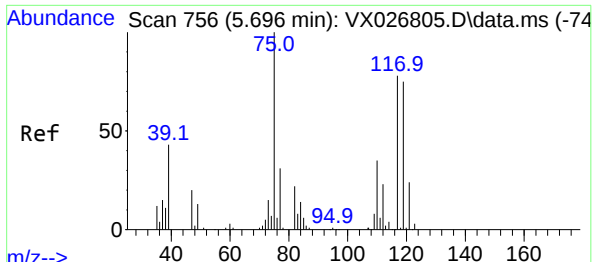
Ion Ratio Lower Upper

113 100

111 103.4 81.2 121.8

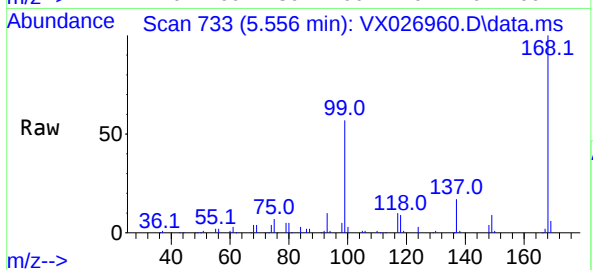
192 19.8 15.0 22.4



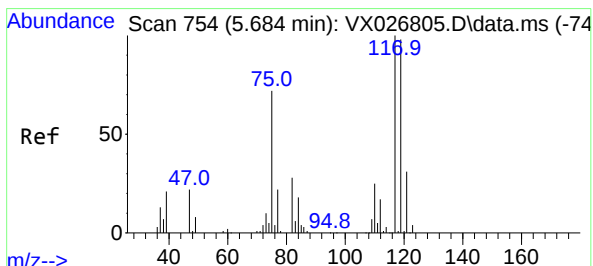
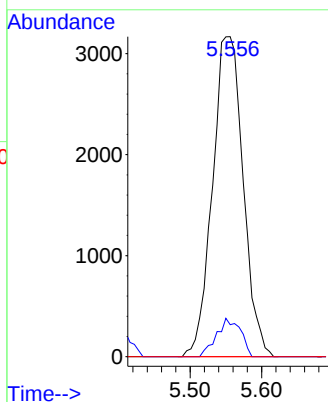
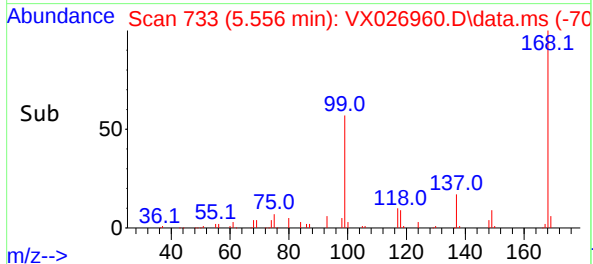


#36
1,1-Dichloropropene
Concen: 5.046 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX026960.D
Acq: 11 Feb 2022 12:31

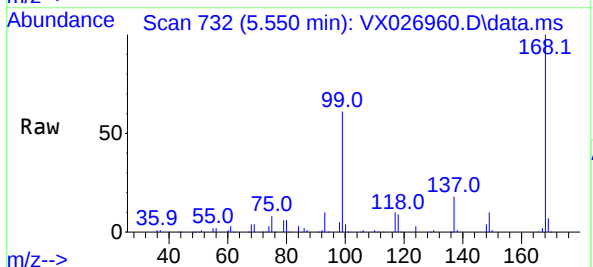
Instrument :
MSVOA_X
ClientSampleId :
VX0211MBL01



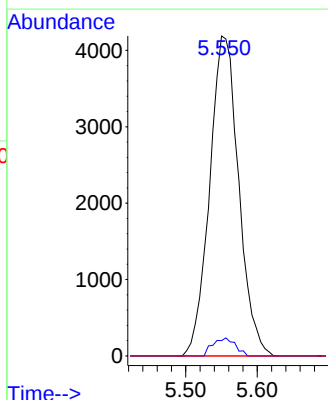
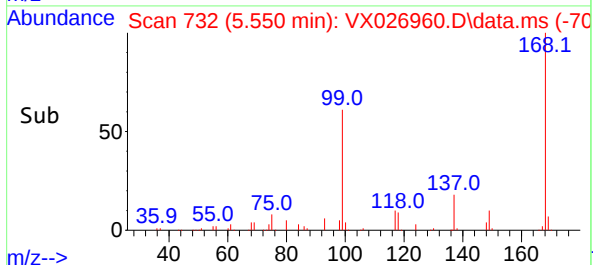
Tgt Ion: 75 Resp: 9430
Ion Ratio Lower Upper
75 100
110 9.4 17.2 51.6#
77 0.0 24.6 36.8#

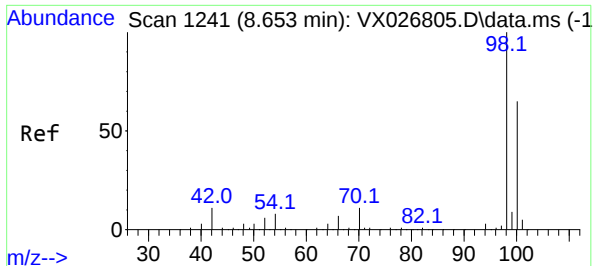


#38
Carbon Tetrachloride
Concen: 6.027 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX026960.D
Acq: 11 Feb 2022 12:31



Tgt Ion: 117 Resp: 11811
Ion Ratio Lower Upper
117 100
119 4.8 74.7 112.1#
121 0.0 25.4 38.0#





#50

Toluene-d8

Concen: 53.560 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX026960.D

Acq: 11 Feb 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

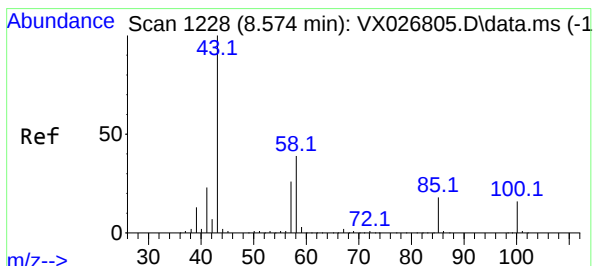
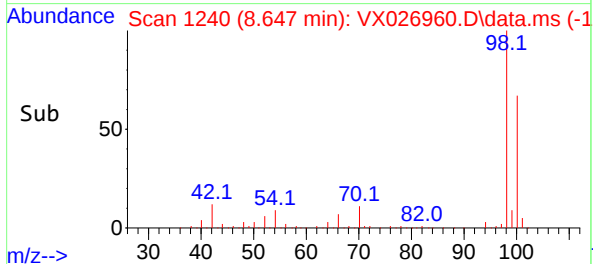
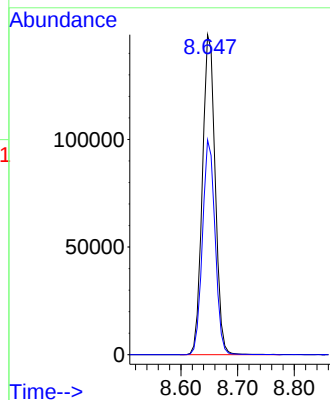
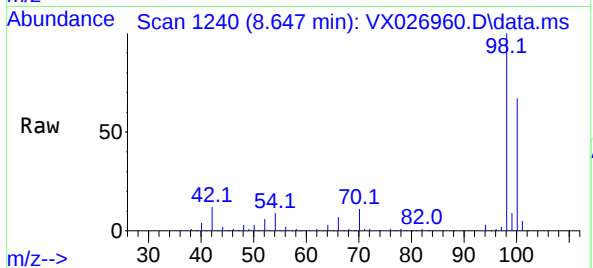
VX0211MBL01

Tgt Ion: 98 Resp: 232899

Ion Ratio Lower Upper

98 100

100 66.2 53.2 79.8



#51

4-Methyl-2-Pentanone

Concen: 0.528 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX026960.D

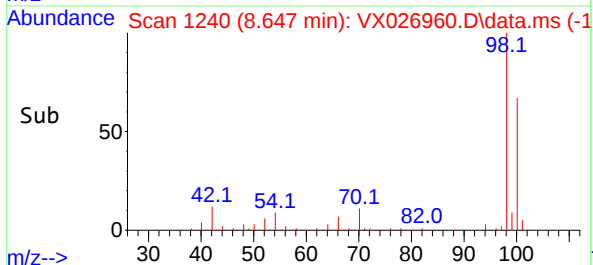
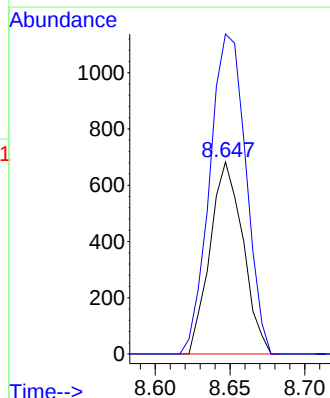
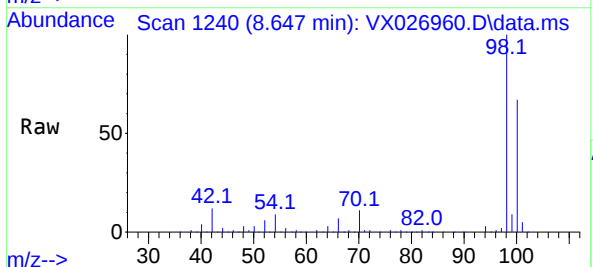
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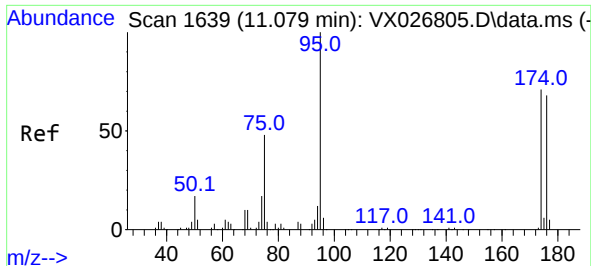
Tgt Ion: 43 Resp: 1046

Ion Ratio Lower Upper

43 100

58 182.7 30.5 45.7#

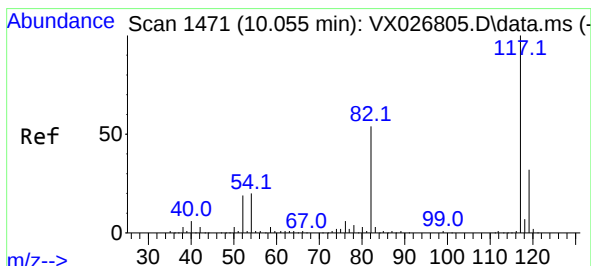
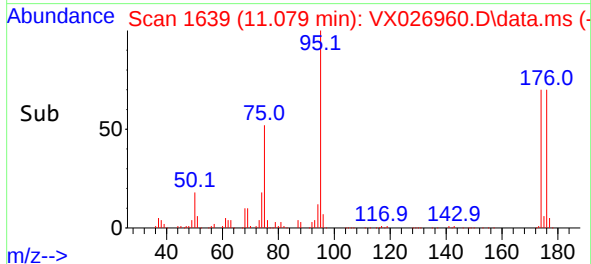
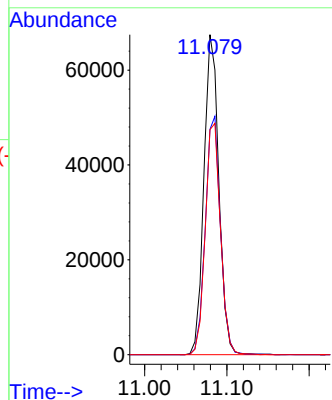
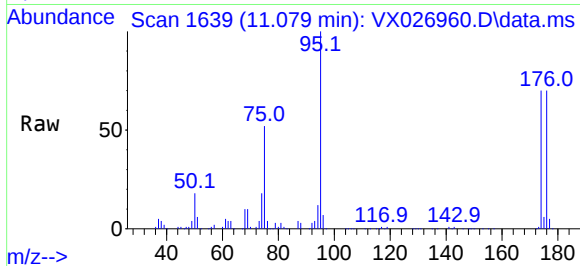




#62
4-Bromofluorobenzene
Concen: 55.590 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026960.D
Acq: 11 Feb 2022 12:31

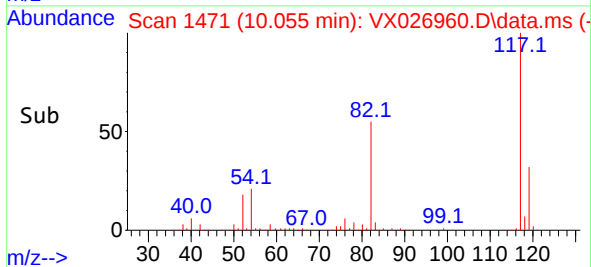
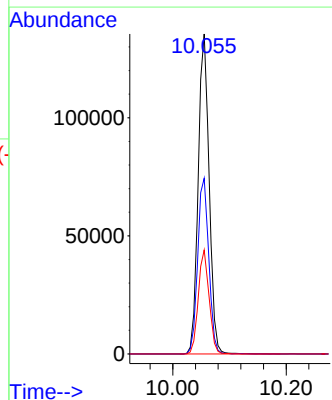
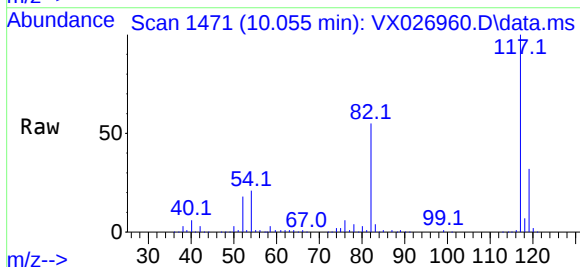
Instrument :
MSVOA_X
ClientSampleId :
VX0211MBL01

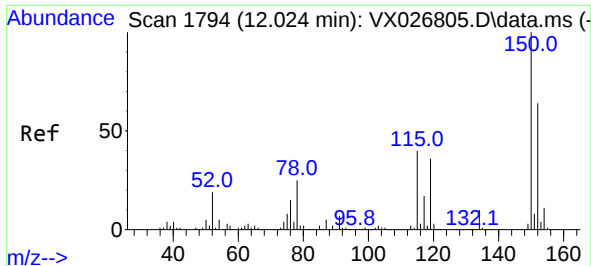
Tgt Ion: 95 Resp: 85105
Ion Ratio Lower Upper
95 100
174 75.2 0.0 148.6
176 73.9 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026960.D
Acq: 11 Feb 2022 12:31

Tgt Ion: 117 Resp: 181118
Ion Ratio Lower Upper
117 100
82 54.9 45.2 67.8
119 32.5 26.2 39.2

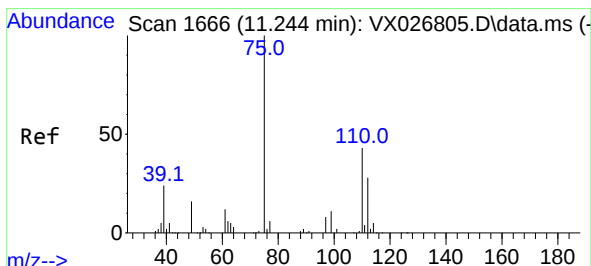
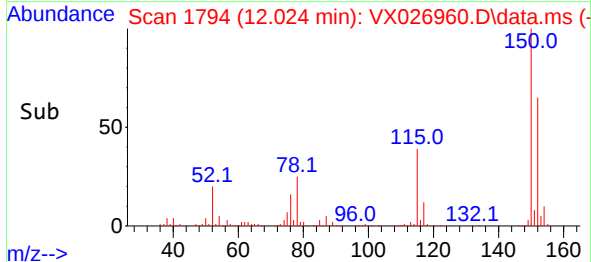
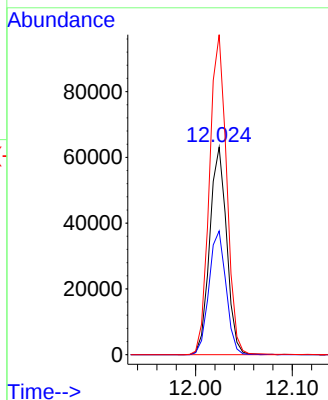
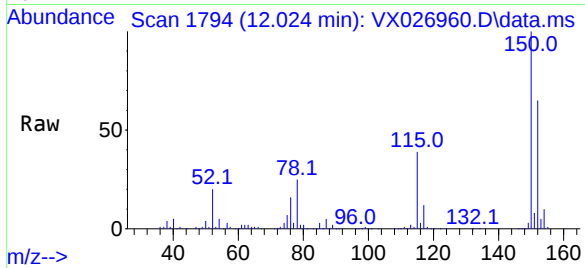




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026960.D
Acq: 11 Feb 2022 12:31

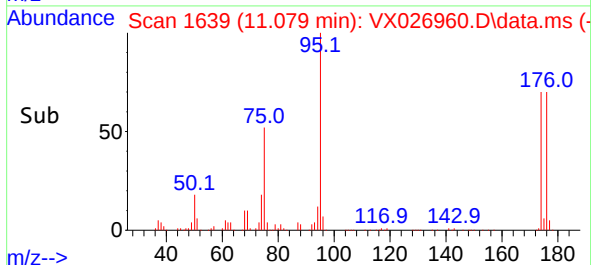
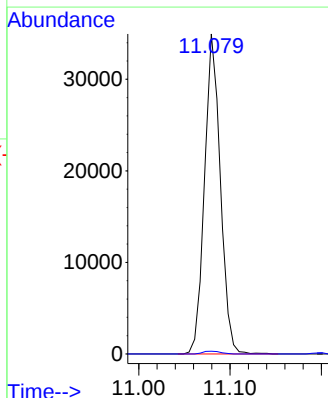
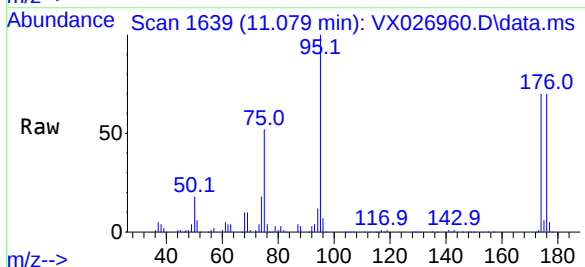
Instrument :
MSVOA_X
ClientSampleId :
VX0211MBL01

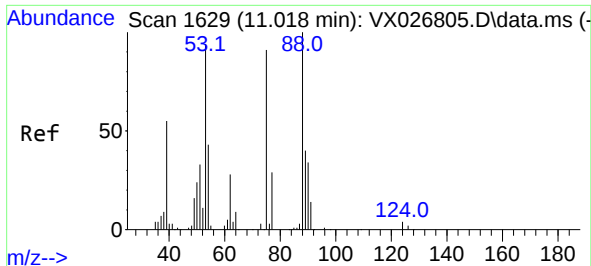
Tgt Ion:152 Resp: 77008
Ion Ratio Lower Upper
152 100
115 60.1 44.2 132.6
150 156.4 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 24.872 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026960.D
Acq: 11 Feb 2022 12:31

Tgt Ion: 75 Resp: 41928
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#

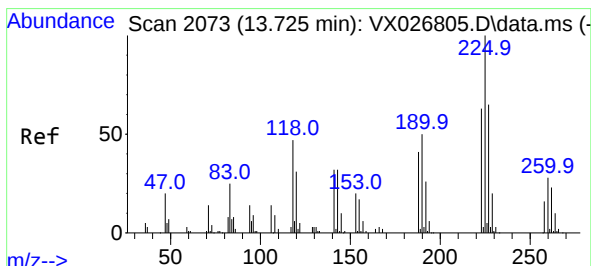
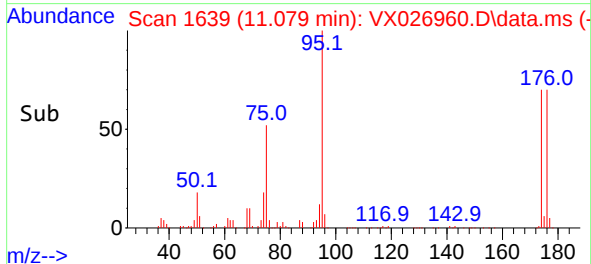
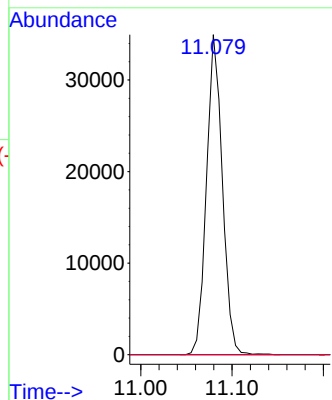
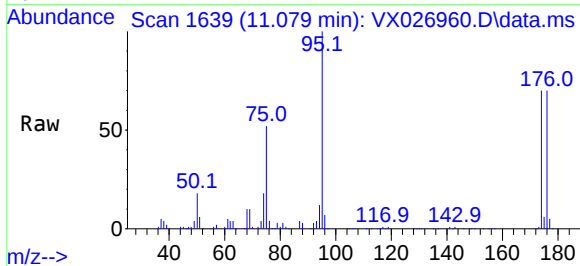




#81
trans-1,4-Dichloro-2-butene
Concen: 75.883 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX026960.D
Acq: 11 Feb 2022 12:31

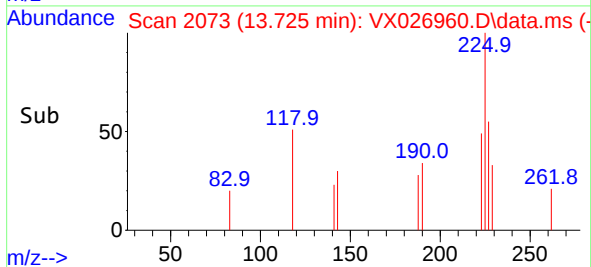
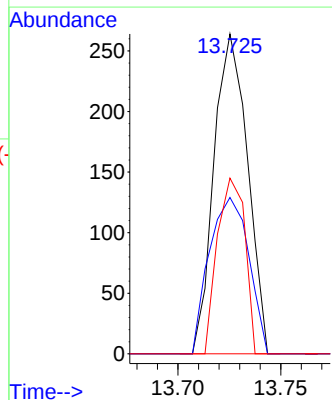
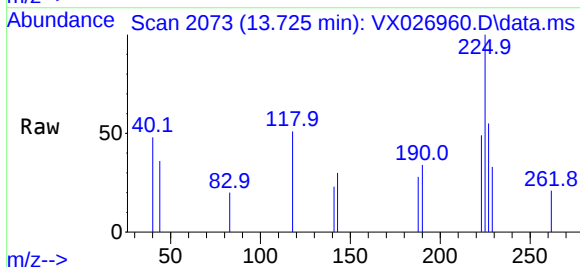
Instrument :
MSVOA_X
ClientSampleId :
VX0211MBL01

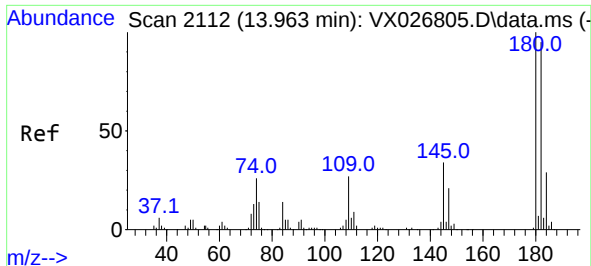
Tgt Ion: 75 Resp: 41928
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#



#94
Hexachlorobutadiene
Concen: 0.441 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX026960.D
Acq: 11 Feb 2022 12:31

Tgt Ion: 225 Resp: 300
Ion Ratio Lower Upper
225 100
223 57.7 32.0 96.0
227 45.0 32.3 96.9





#96
 1,2,3-Trichlorobenzene
 Concen: 0.230 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX026960.D
 Acq: 11 Feb 2022 12:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211MBL01

Tgt Ion:180 Resp: 375
 Ion Ratio Lower Upper
 180 100
 182 74.7 47.2 141.6
 145 25.6 17.5 52.5

