

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040623\
 Data File : VX034951.D
 Acq On : 06 Apr 2023 13:21
 Operator : JC/MD
 Sample : VX0406WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406WBL01

Quant Time: Apr 07 03:17:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 2023
 Response via : Initial Calibration

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

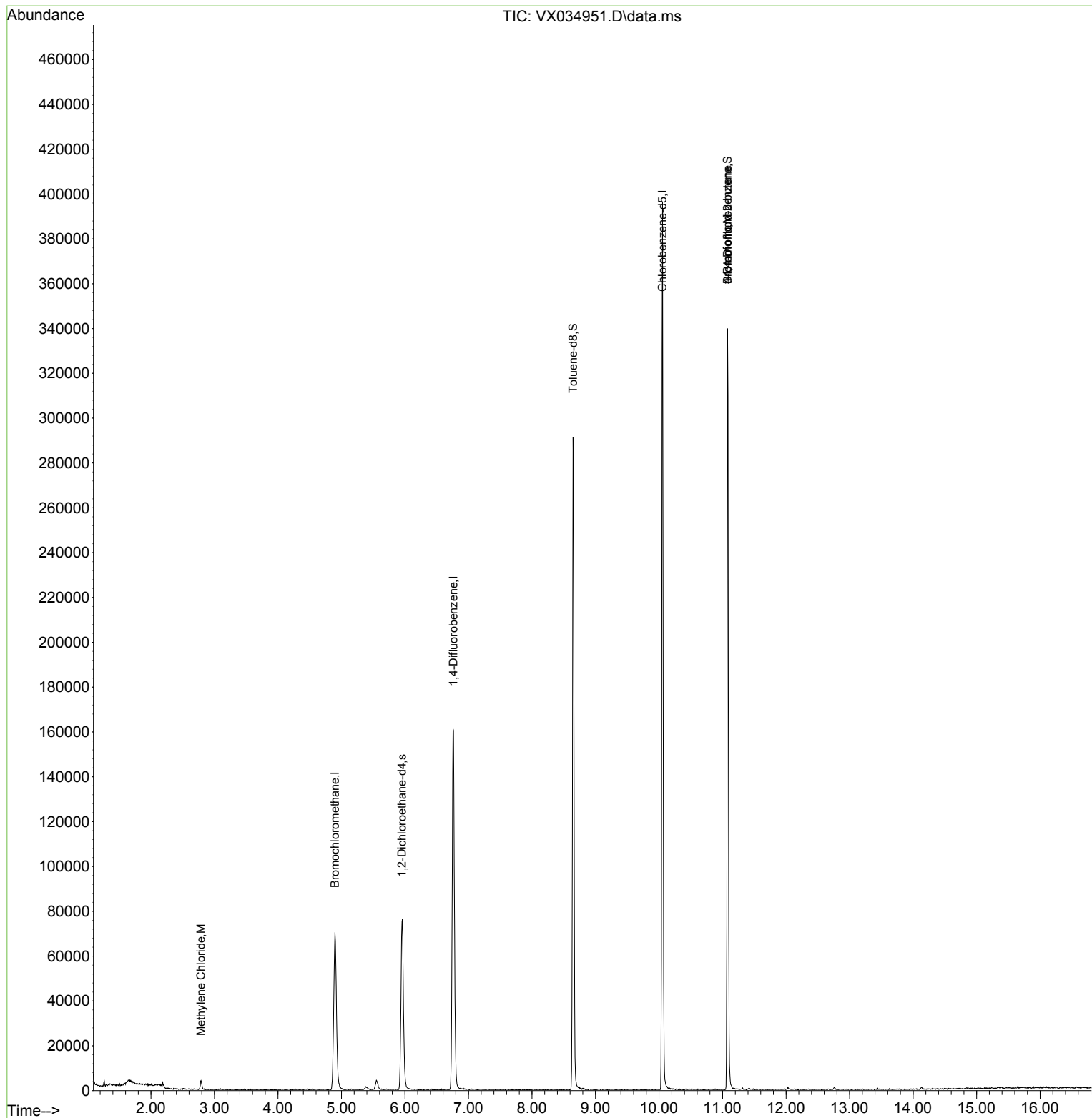
Internal Standards						
1) Bromochloromethane	4.897	128	27614	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	161079	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	170259	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	77267	29.122	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.067%
60) 4-Bromofluorobenzene	11.079	95	95271	28.004	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.333%
63) Toluene-d8	8.647	98	170313	29.435	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.133%
Target Compounds						
18) Methylene Chloride	2.788	84	1619	0.501	ug/l #	82
56) Bromoform	11.079	173	436	0.239	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	51443	46.361	ug/l #	4

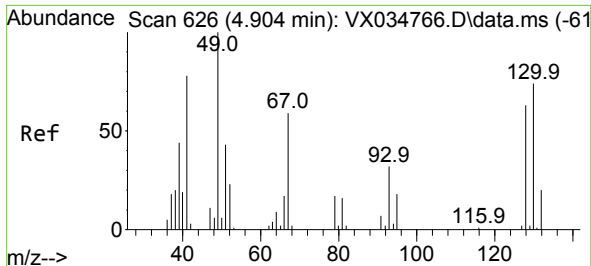
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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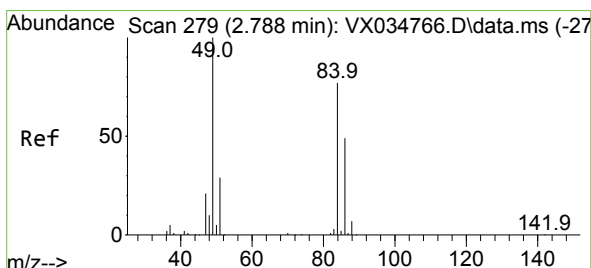
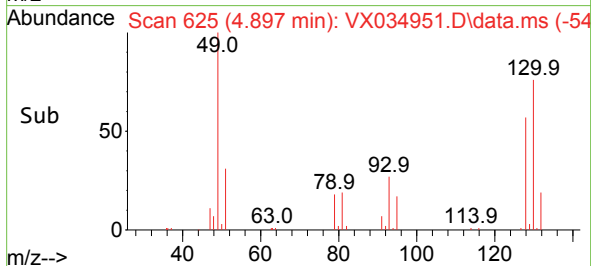
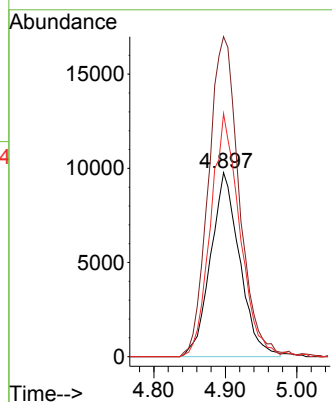
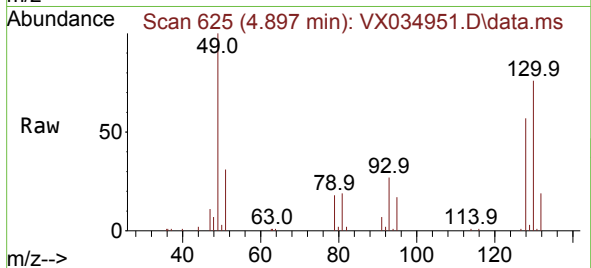




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX034951.D
Acq: 06 Apr 2023 13:21

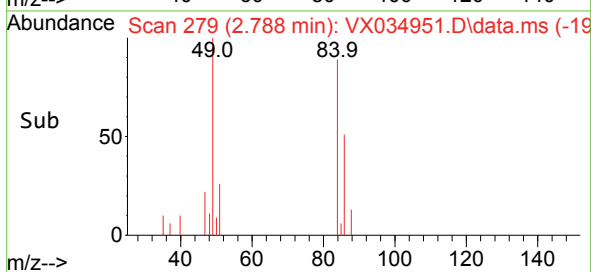
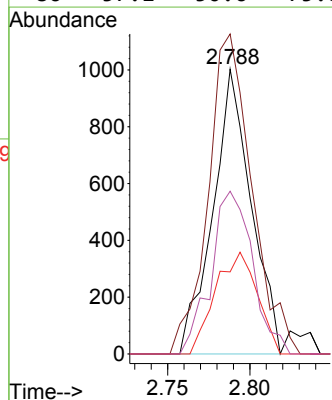
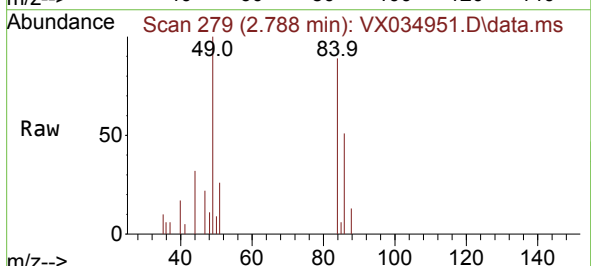
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBL01

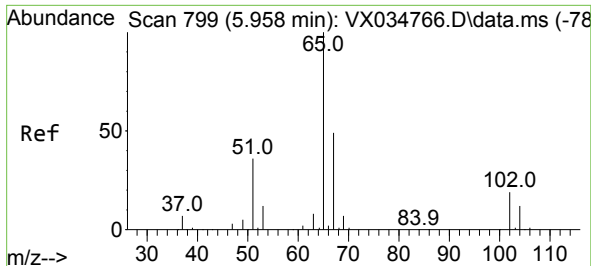
Tgt Ion:128 Resp: 27614
Ion Ratio Lower Upper
128 100
49 183.6 0.0 428.8
130 132.5 0.0 310.8



#18
Methylene Chloride
Concen: 0.501 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX034951.D
Acq: 06 Apr 2023 13:21

Tgt Ion: 84 Resp: 1619
Ion Ratio Lower Upper
84 100
49 101.9 103.9 155.9#
51 28.8 30.6 45.8#
86 57.1 50.6 75.8

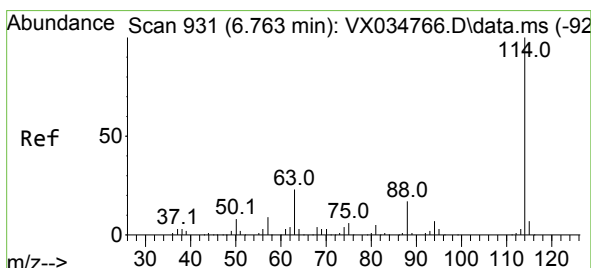
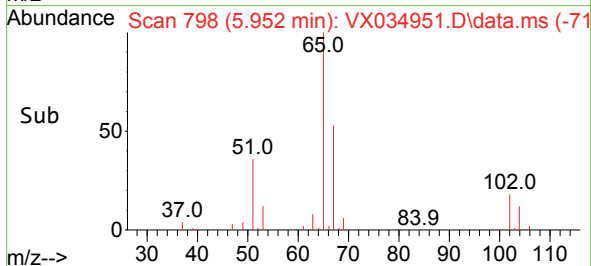
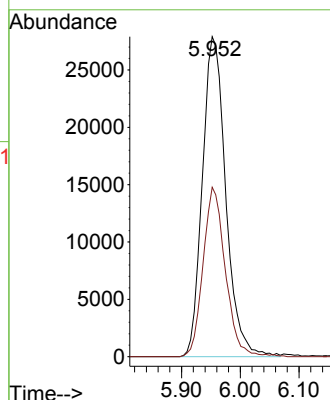
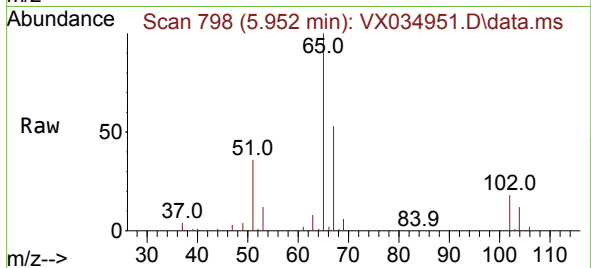




#27
1,2-Dichloroethane-d4
Concen: 29.122 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX034951.D
Acq: 06 Apr 2023 13:21

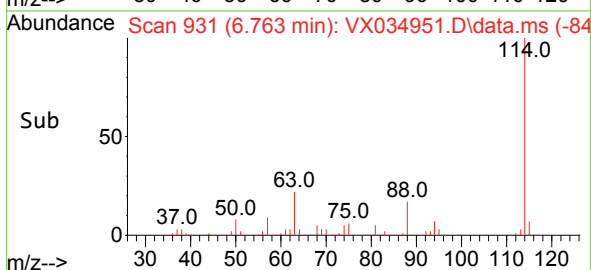
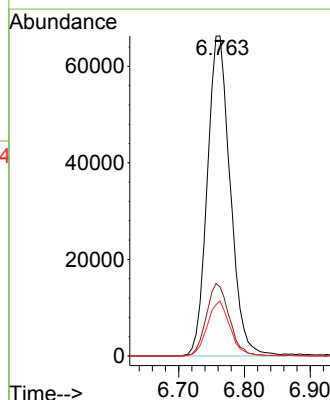
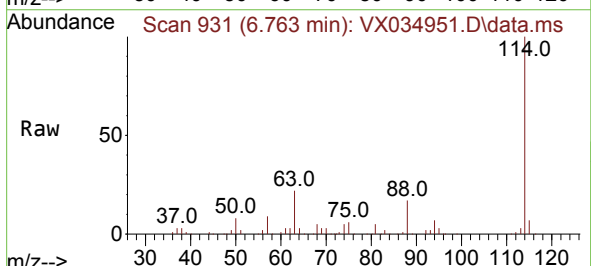
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBL01

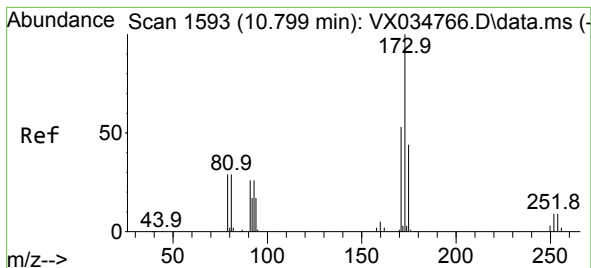
Tgt Ion: 65 Resp: 77267
Ion Ratio Lower Upper
65 100
67 50.1 40.9 61.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX034951.D
Acq: 06 Apr 2023 13:21

Tgt Ion: 114 Resp: 161079
Ion Ratio Lower Upper
114 100
63 22.6 18.0 27.0
88 17.0 13.3 19.9





#56

Bromoform

Concen: 0.239 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.280 min

Lab File: VX034951.D

Acq: 06 Apr 2023 13:21

Instrument :

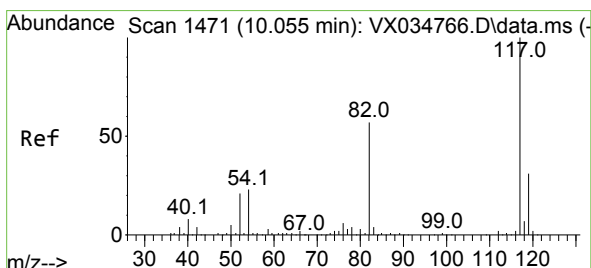
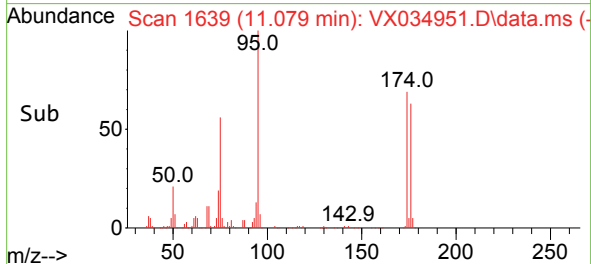
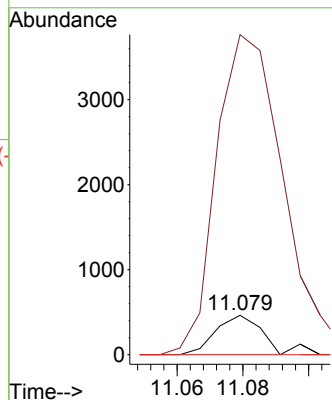
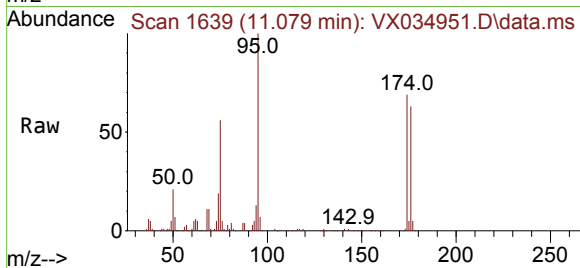
MSVOA_X

ClientSampleId :

VX0406WBL01

Tgt Ion:173 Resp: 436

Ion	Ratio	Lower	Upper
173	100		
175	1223.9	37.0	55.4#
254	0.0	6.7	10.1#



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

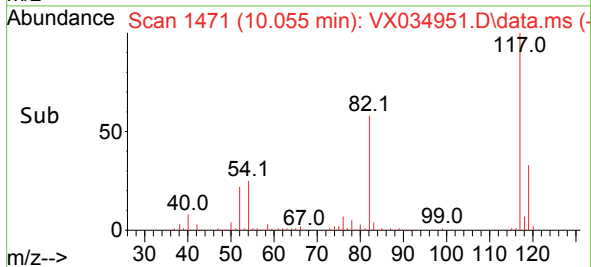
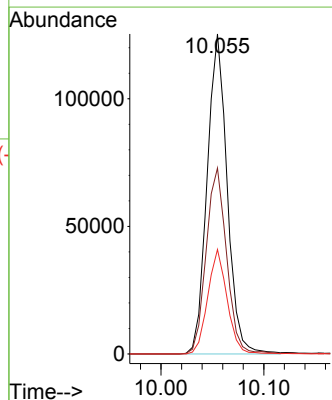
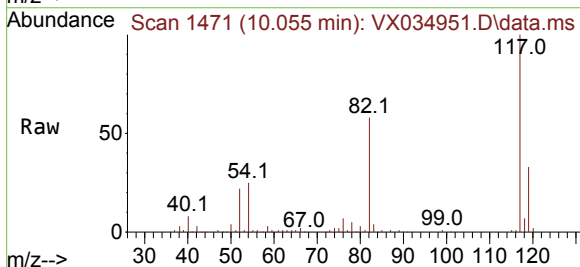
Delta R.T. -0.000 min

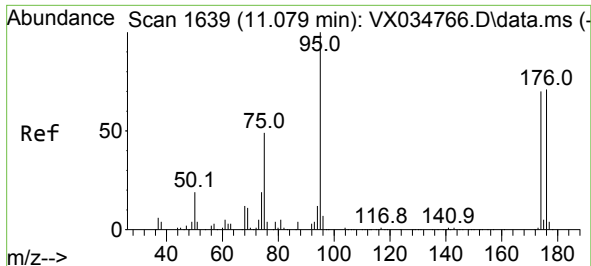
Lab File: VX034951.D

Acq: 06 Apr 2023 13:21

Tgt Ion:117 Resp: 170259

Ion	Ratio	Lower	Upper
117	100		
82	59.4	45.8	68.8
119	31.7	25.4	38.0

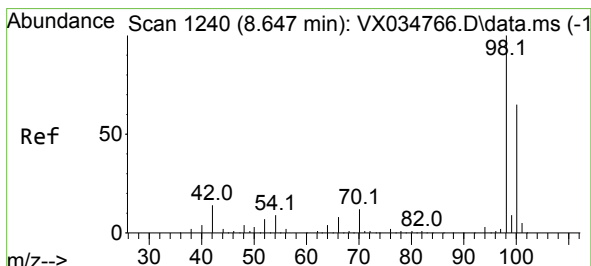
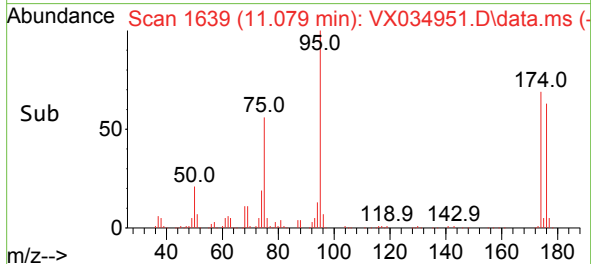
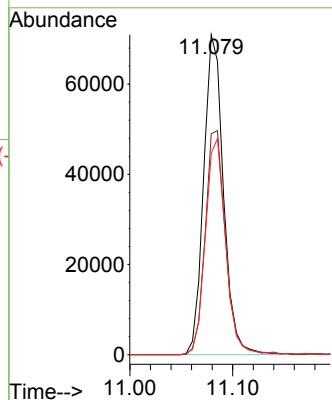
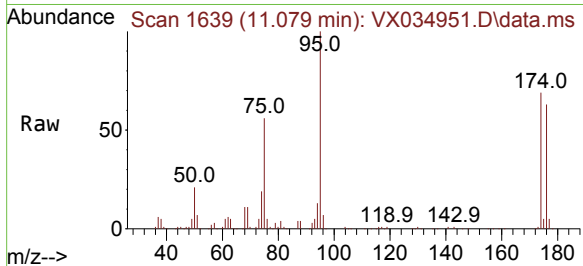




#60
4-Bromofluorobenzene
Concen: 28.004 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034951.D
Acq: 06 Apr 2023 13:21

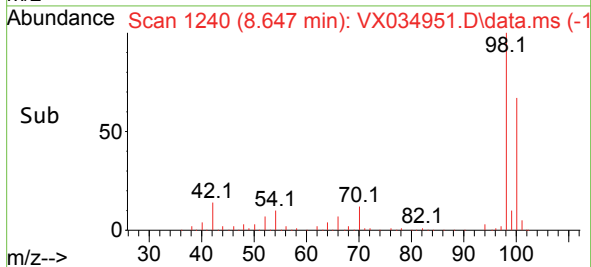
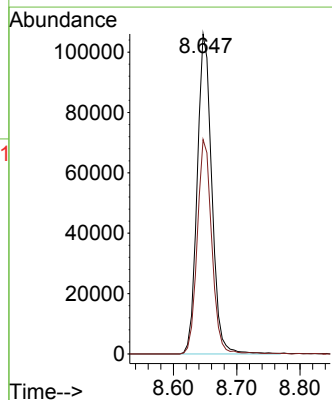
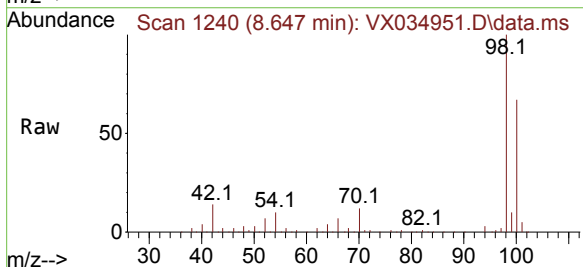
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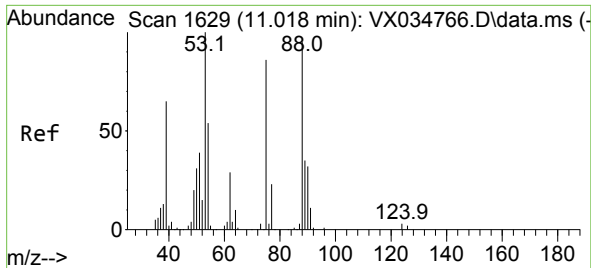
Tgt Ion: 95 Resp: 95271
Ion Ratio Lower Upper
95 100
174 71.6 0.2 0.4#
176 69.1 0.2 0.2#



#63
Toluene-d8
Concen: 29.435 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034951.D
Acq: 06 Apr 2023 13:21

Tgt Ion: 98 Resp: 170313
Ion Ratio Lower Upper
98 100
100 66.3 52.1 78.1





#77
 t-1,4-Dichloro-2-butene
 Concen: 46.361 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX034951.D
 Acq: 06 Apr 2023 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406WBL01

Tgt Ion: 75 Resp: 51443
 Ion Ratio Lower Upper
 75 100
 53 0.0 58.2 174.6#
 89 0.0 20.6 61.8#

