

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061424\
 Data File : VX041887.D
 Acq On : 14 Jun 2024 18:58
 Operator : JC/MD
 Sample : P2896-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240612045-01

Quant Time: Jun 15 04:15:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
 Response via : Initial Calibration

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

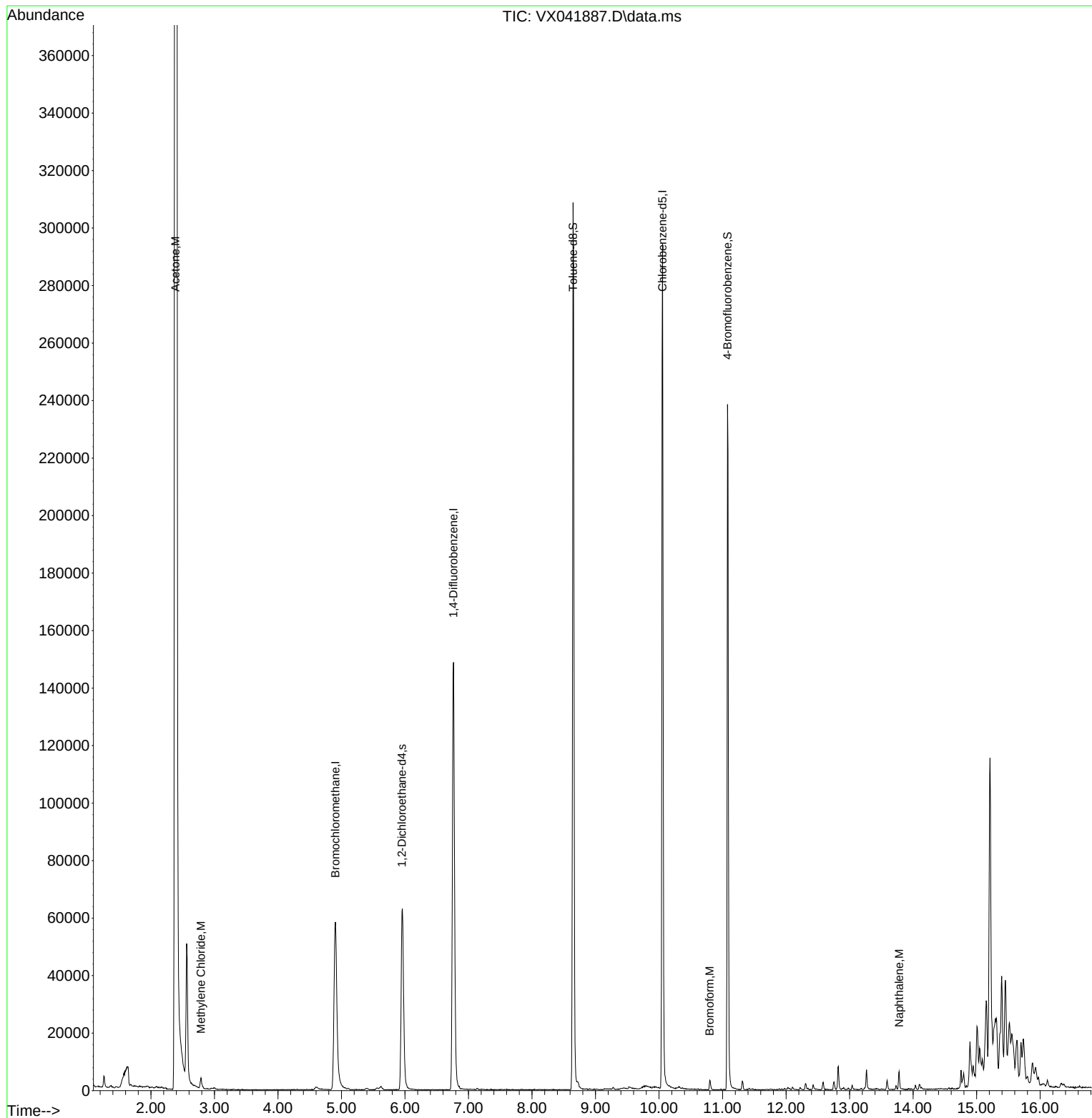
Internal Standards						
1) Bromochloromethane	4.904	128	30179	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	164835	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	149189	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	60586	29.163	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.200%
60) 4-Bromofluorobenzene	11.079	95	63823	27.637	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.133%
63) Toluene-d8	8.647	98	191586	30.016	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.067%
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	944744	2959.053	ug/l	91
18) Methylene Chloride	2.788	84	1799	0.850	ug/l	97
56) Bromoform	10.799	173	1511	0.922	ug/l #	96
91) Naphthalene	13.780	128	4692	0.524	ug/l	96

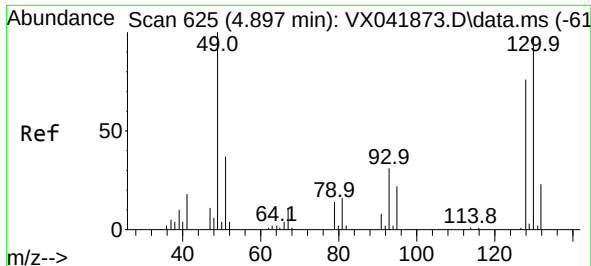
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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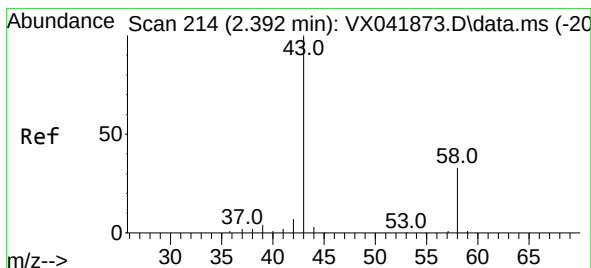
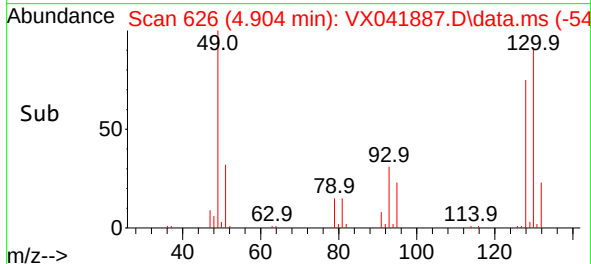
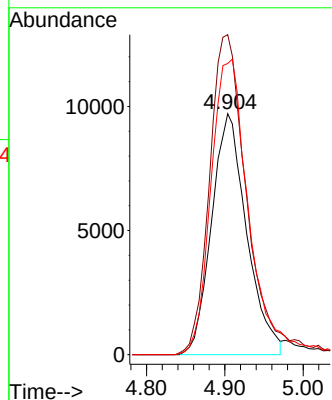
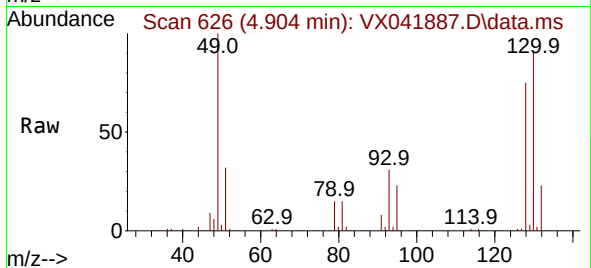




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX041887.D
Acq: 14 Jun 2024 18:58

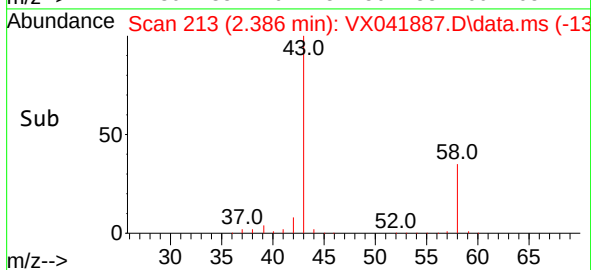
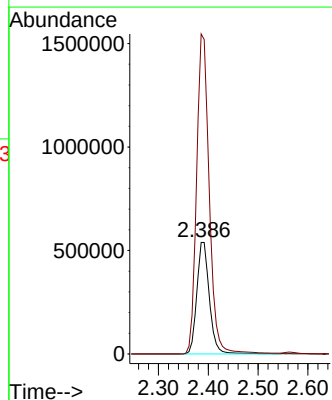
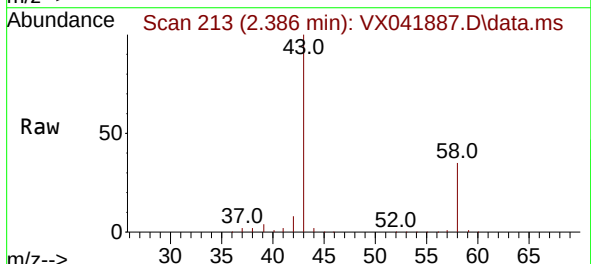
Instrument :
MSVOA_X
ClientSampleId :
240612045-01

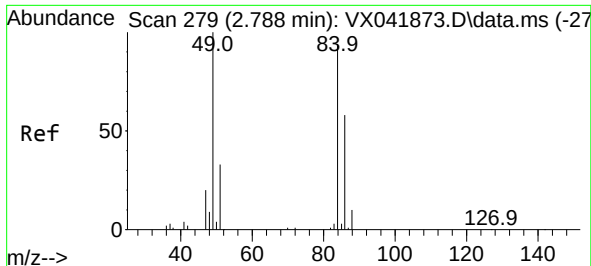
Tgt Ion:128 Resp: 30179
Ion Ratio Lower Upper
128 100
49 138.8 0.0 338.5
130 131.7 0.0 324.5



#15
Acetone
Concen: 2959.053 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX041887.D
Acq: 14 Jun 2024 18:58

Tgt Ion: 58 Resp: 944744
Ion Ratio Lower Upper
58 100
43 286.9 243.4 365.2

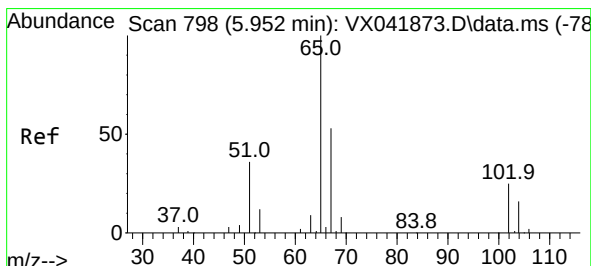
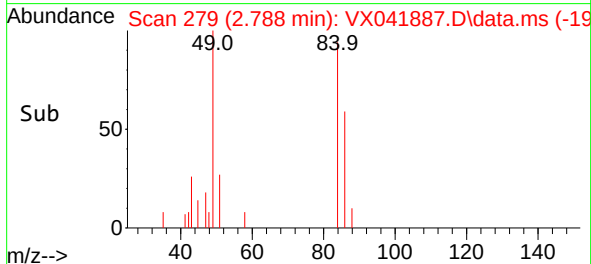
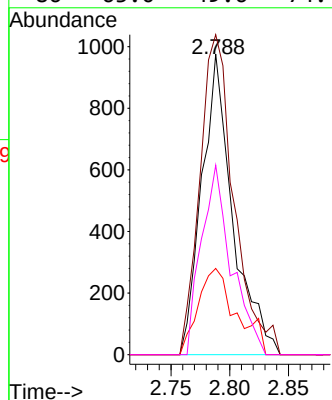
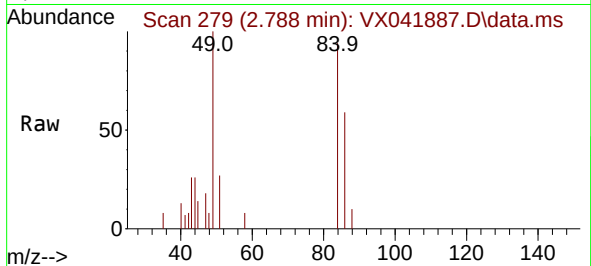




#18
Methylene Chloride
Concen: 0.850 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041887.D
Acq: 14 Jun 2024 18:58

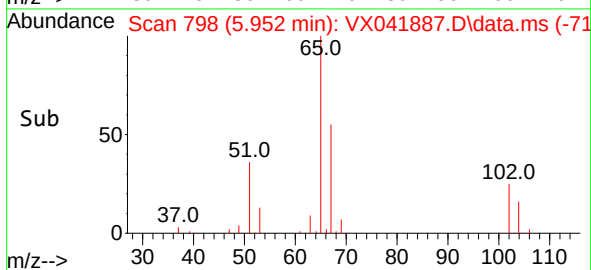
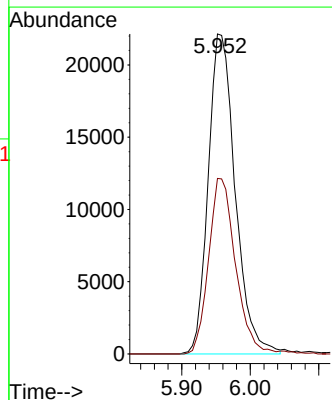
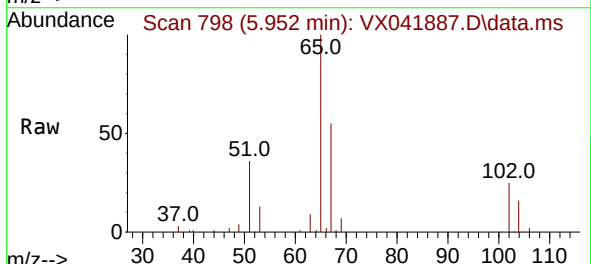
Instrument :
MSVOA_X
ClientSampleId :
240612045-01

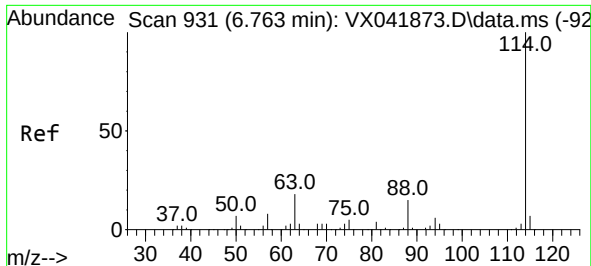
Tgt Ion:	84	Resp:	1799
Ion	Ratio	Lower	Upper
84	100		
49	106.5	85.3	127.9
51	28.7	28.5	42.7
86	63.0	49.6	74.4



#27
1,2-Dichloroethane-d4
Concen: 29.163 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041887.D
Acq: 14 Jun 2024 18:58

Tgt Ion:	65	Resp:	60586
Ion	Ratio	Lower	Upper
65	100		
67	54.5	43.4	65.0





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX041887.D

Acq: 14 Jun 2024 18:58

Instrument :

MSVOA_X

ClientSampleId :

240612045-01

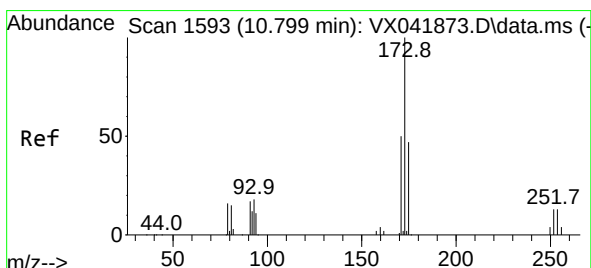
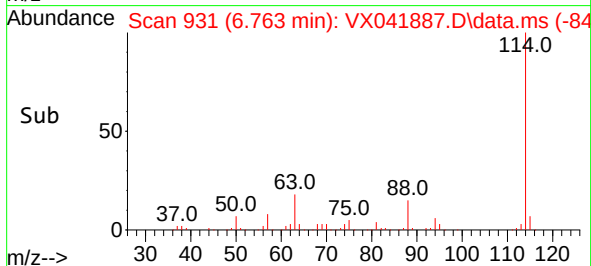
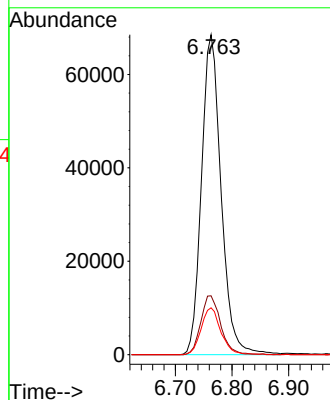
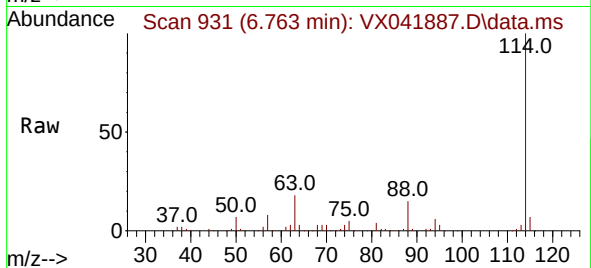
Tgt Ion:114 Resp: 164835

Ion Ratio Lower Upper

114 100

63 18.6 14.6 21.8

88 14.6 11.8 17.8



#56

Bromoform

Concen: 0.922 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX041887.D

Acq: 14 Jun 2024 18:58

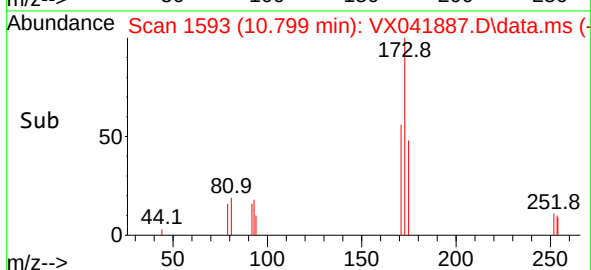
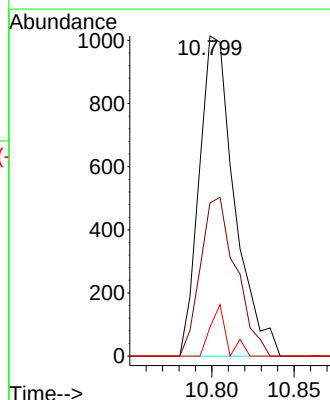
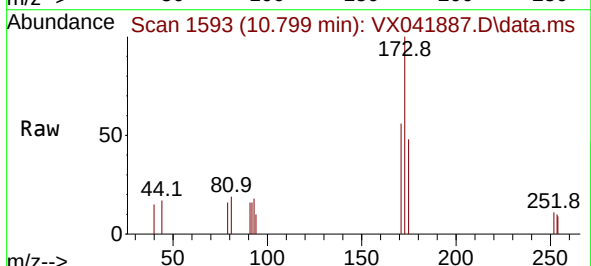
Tgt Ion:173 Resp: 1511

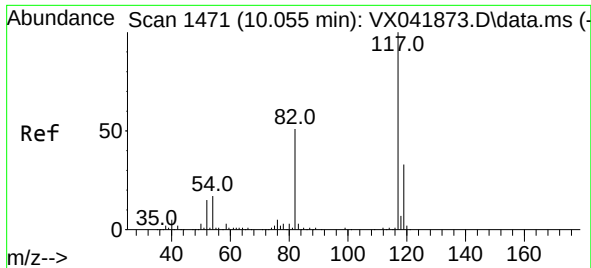
Ion Ratio Lower Upper

173 100

175 49.9 39.3 58.9

254 6.2 9.6 14.4#

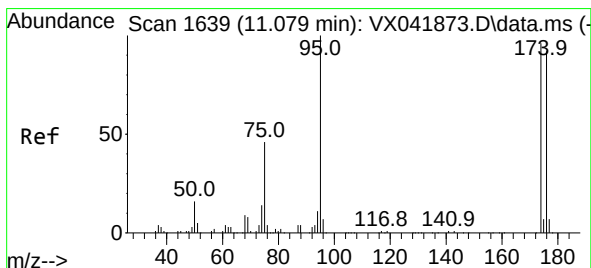
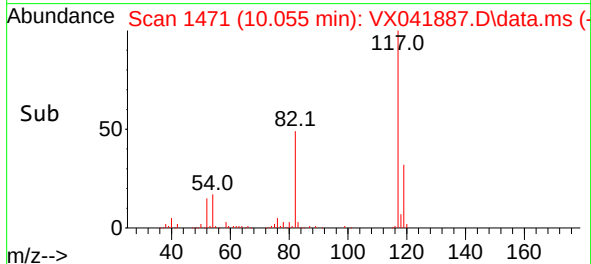
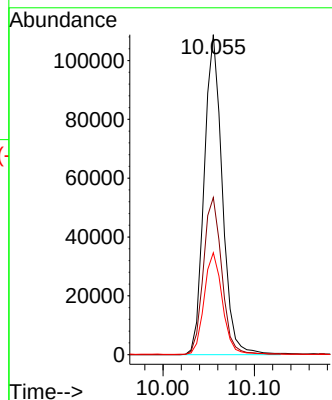
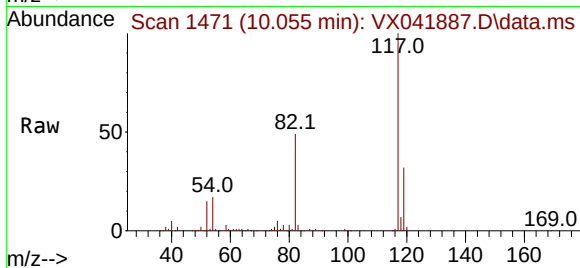




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041887.D
Acq: 14 Jun 2024 18:58

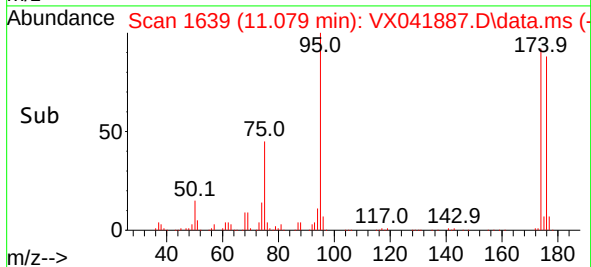
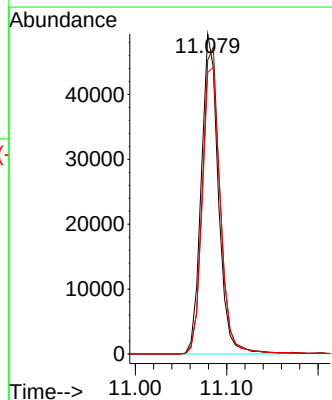
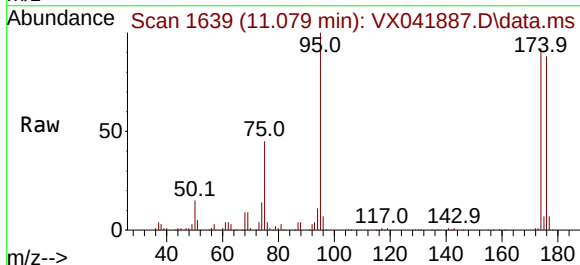
Instrument :
MSVOA_X
ClientSampleId :
240612045-01

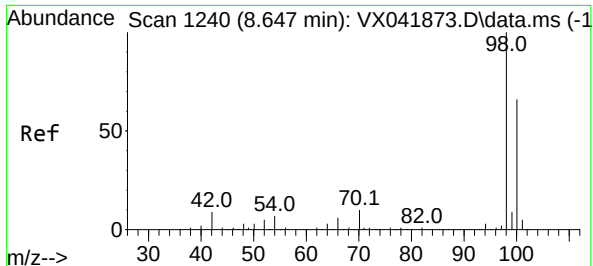
Tgt Ion:	117	Resp:	149189
Ion	Ratio	Lower	Upper
117	100		
82	50.3	41.1	61.7
119	32.3	26.1	39.1



#60
4-Bromofluorobenzene
Concen: 27.637 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041887.D
Acq: 14 Jun 2024 18:58

Tgt Ion:	95	Resp:	63823
Ion	Ratio	Lower	Upper
95	100		
174	99.2	78.9	118.3
176	95.2	77.1	115.7

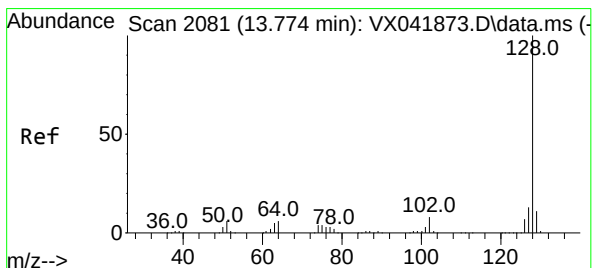
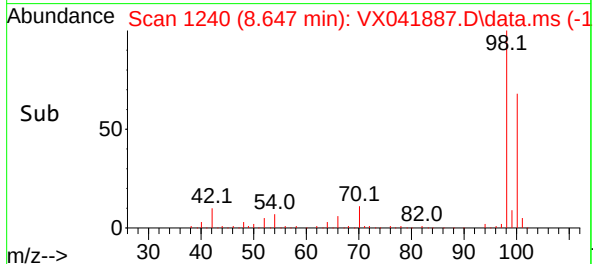
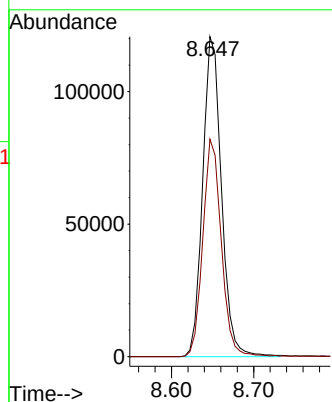
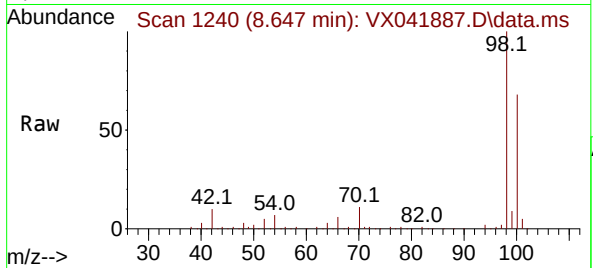




#63
Toluene-d8
Concen: 30.016 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041887.D
Acq: 14 Jun 2024 18:58

Instrument :
MSVOA_X
ClientSampleId :
240612045-01

Tgt Ion: 98 Resp: 191586
Ion Ratio Lower Upper
98 100
100 67.0 52.7 79.1



#91
Naphthalene
Concen: 0.524 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX041887.D
Acq: 14 Jun 2024 18:58

Tgt Ion: 128 Resp: 4692
Ion Ratio Lower Upper
128 100
127 11.3 10.4 15.6
129 9.5 8.7 13.1

