

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112923\
 Data File : VX039056.D
 Acq On : 29 Nov 2023 15:25
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 30 01:38:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 2023
 Response via : Initial Calibration

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

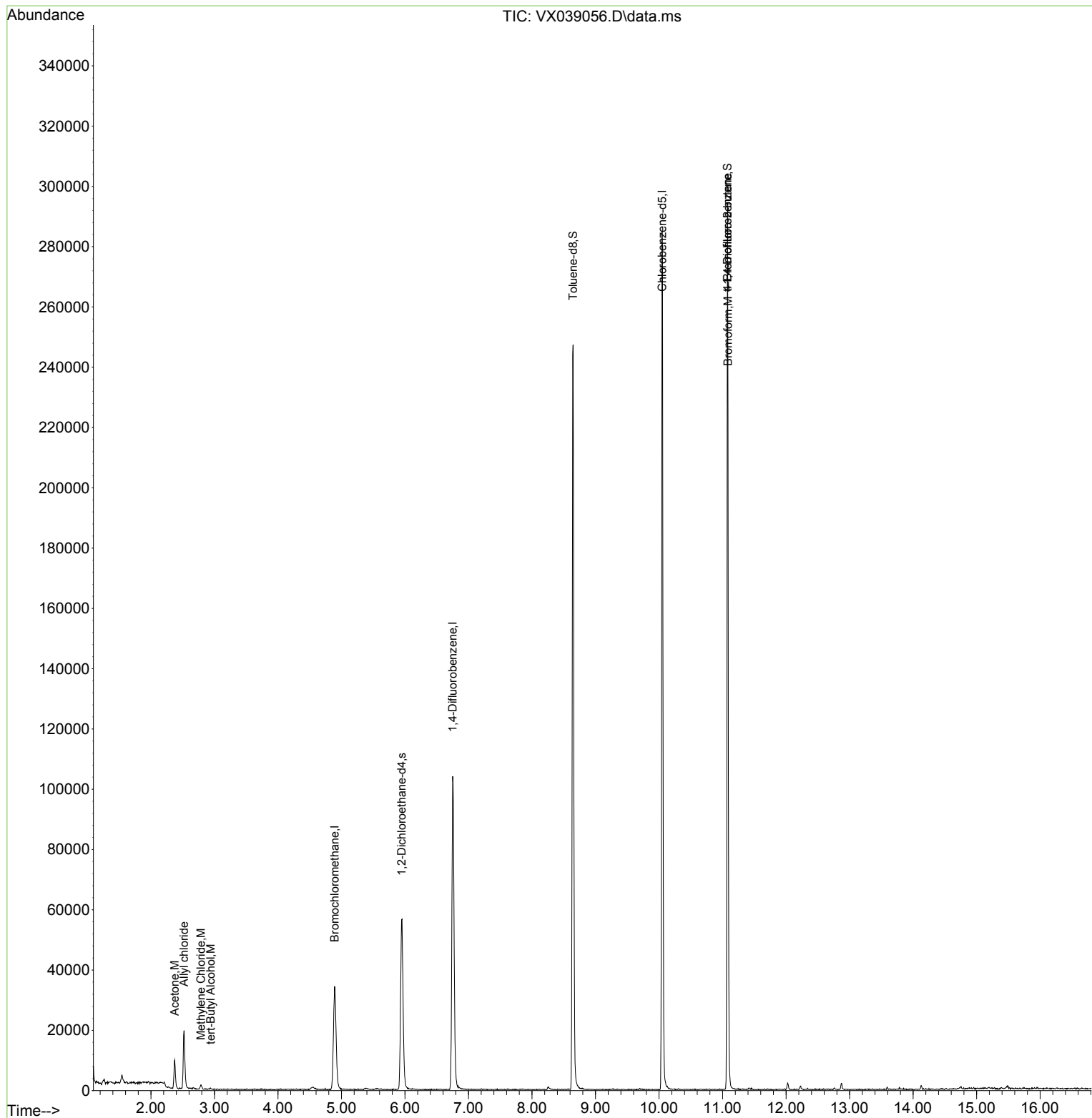
Internal Standards						
1) Bromochloromethane	4.891	128	13703	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	104525	30.000	ug/l	-0.01
57) Chlorobenzene-d5	10.049	117	129418	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	54832	29.249	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.500%
60) 4-Bromofluorobenzene	11.079	95	82057	29.029	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.767%
63) Toluene-d8	8.647	98	153618	30.023	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.067%
Target Compounds						
					Qvalue	
15) Acetone	2.373	58	3107	6.012	ug/l	94
17) Allyl chloride	2.520	41	1888	0.510	ug/l	89
18) Methylene Chloride	2.788	84	636	0.288	ug/l #	60
23) tert-Butyl Alcohol	2.940	59	209	0.266	ug/l #	100
56) Bromoform	11.085	173	472	0.282	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	43102	34.366	ug/l #	12

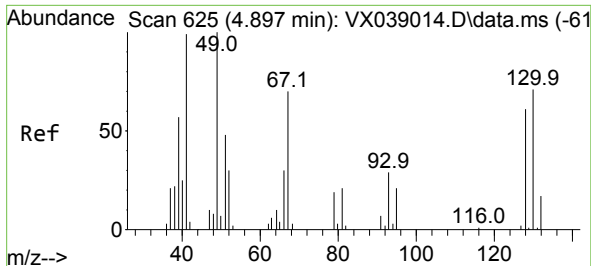
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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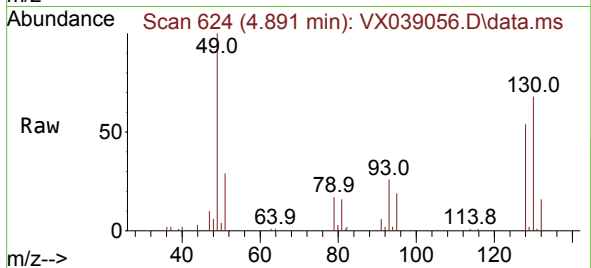
Quant Time: Nov 30 01:38:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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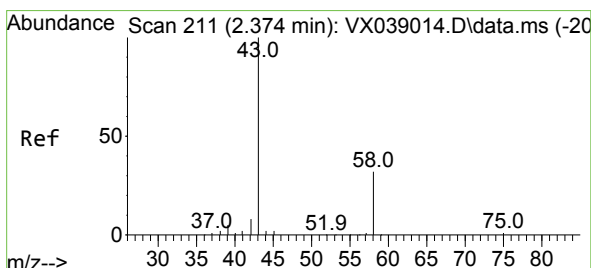
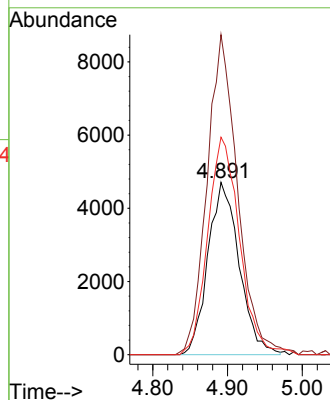
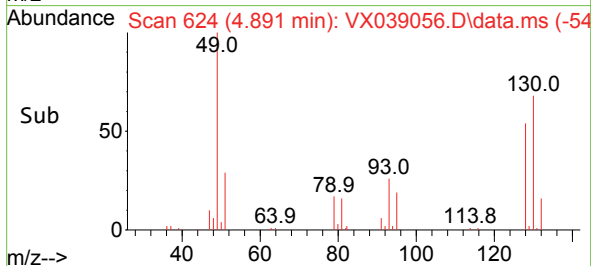


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039056.D
Acq: 29 Nov 2023 15:25

Instrument :
MSVOA_X
ClientSampleId :

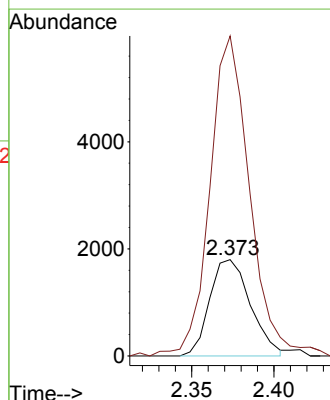
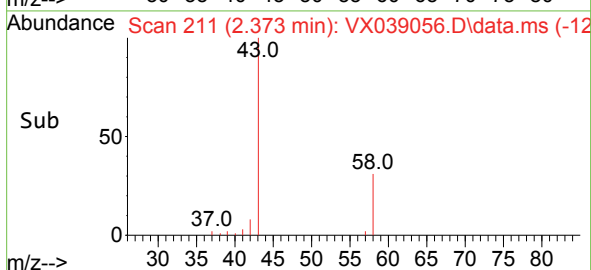
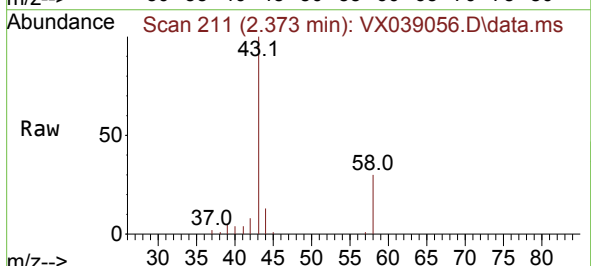


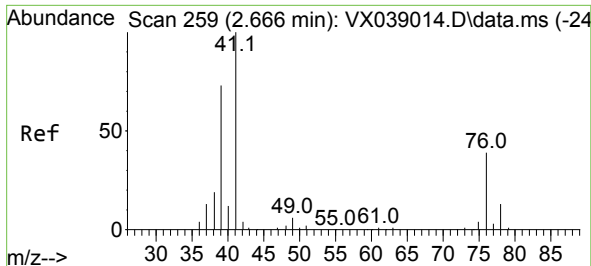
Tgt Ion:128 Resp: 13703
Ion Ratio Lower Upper
128 100
49 180.8 0.0 444.0
130 128.5 0.0 297.8



#15
Acetone
Concen: 6.012 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039056.D
Acq: 29 Nov 2023 15:25

Tgt Ion: 58 Resp: 3107
Ion Ratio Lower Upper
58 100
43 325.2 249.9 374.9

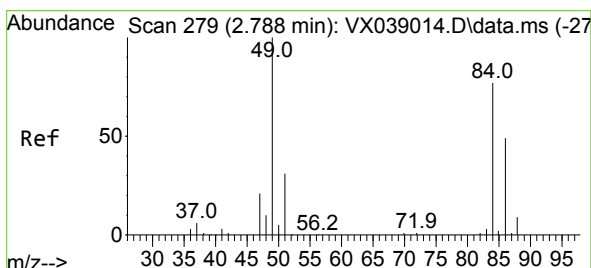
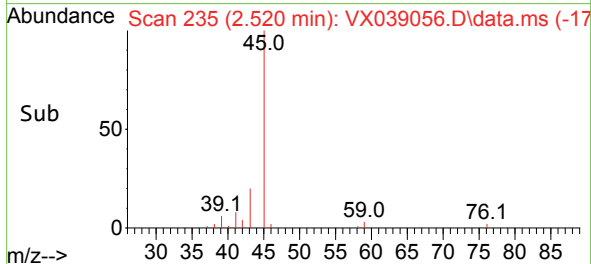
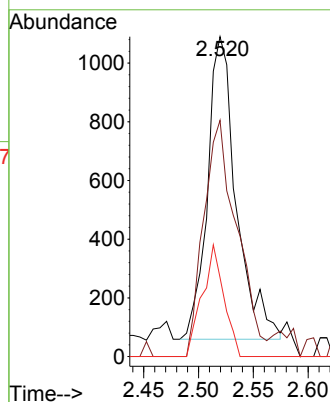
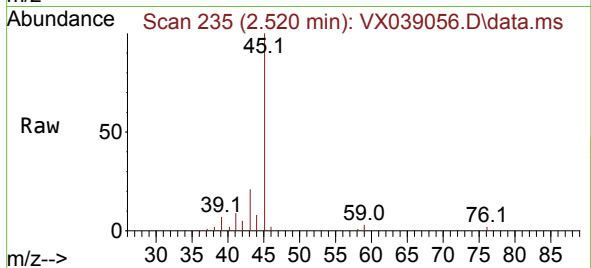




#17
 Allyl chloride
 Concen: 0.510 ug/l
 RT: 2.520 min Scan# 217
 Delta R.T. -0.147 min
 Lab File: VX039056.D
 Acq: 29 Nov 2023 15:25

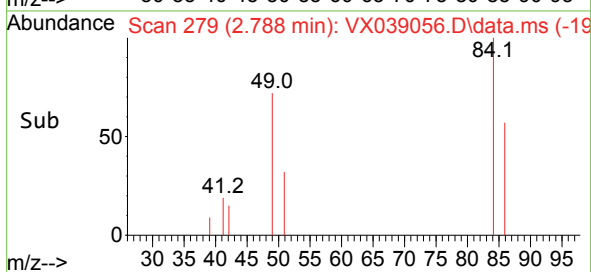
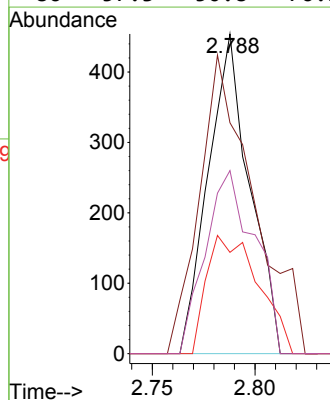
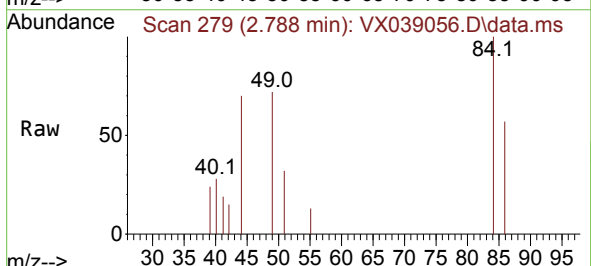
Instrument :
 MSVOA_X
 ClientSampleId :

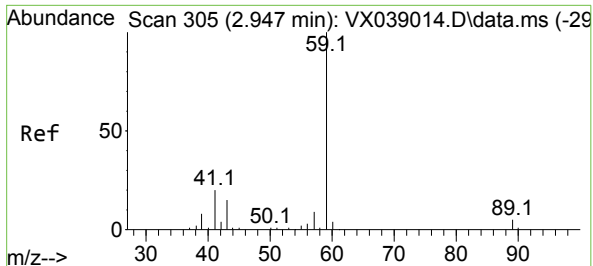
Tgt Ion: 41	Resp: 1888
Ion Ratio	Lower Upper
41	100
39	78.1 36.5 109.5
76	26.1 19.7 59.0



#18
 Methylene Chloride
 Concen: 0.288 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX039056.D
 Acq: 29 Nov 2023 15:25

Tgt Ion: 84	Resp: 636
Ion Ratio	Lower Upper
84	100
49	55.5 103.8 155.8#
51	31.7 31.8 47.6#
86	57.3 50.8 76.2

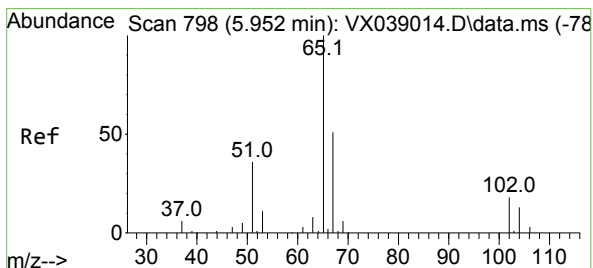
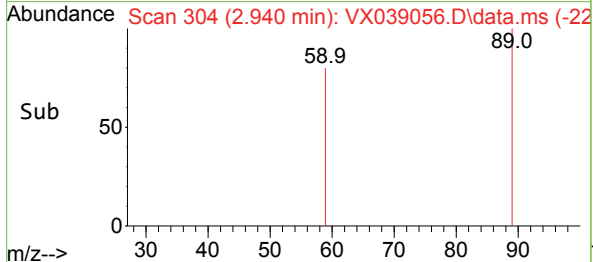
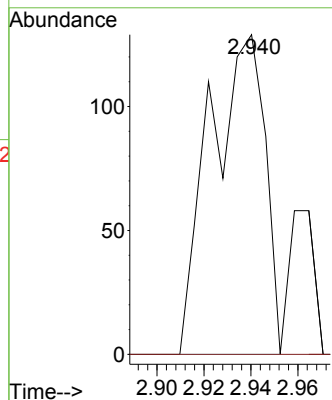
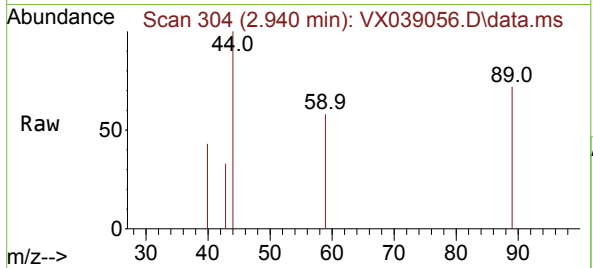




#23
tert-Butyl Alcohol
Concen: 0.266 ug/l
RT: 2.940 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX039056.D
Acq: 29 Nov 2023 15:25

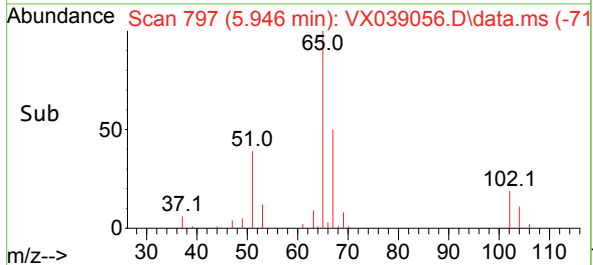
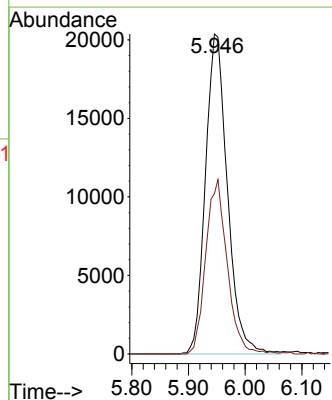
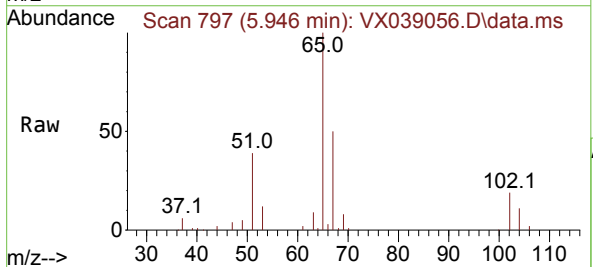
Instrument :
MSVOA_X
ClientSampleId :

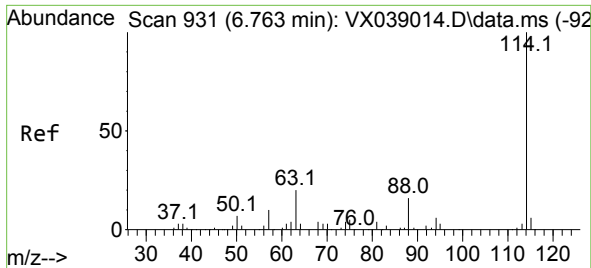
Tgt Ion: 59 Resp: 209
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#27
1,2-Dichloroethane-d4
Concen: 29.249 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX039056.D
Acq: 29 Nov 2023 15:25

Tgt Ion: 65 Resp: 54832
Ion Ratio Lower Upper
65 100
67 52.8 42.5 63.7

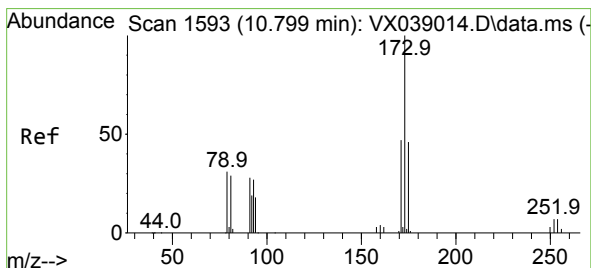
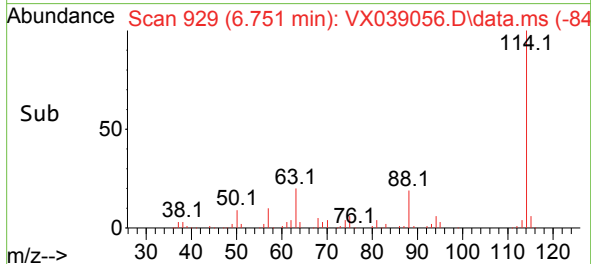
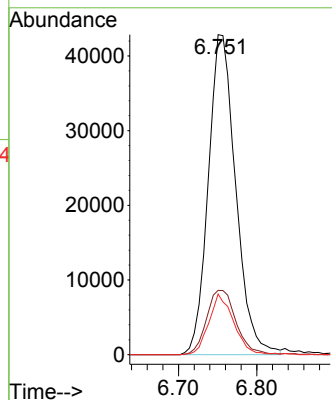
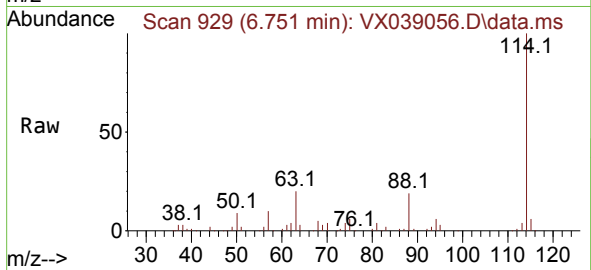




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX039056.D
Acq: 29 Nov 2023 15:25

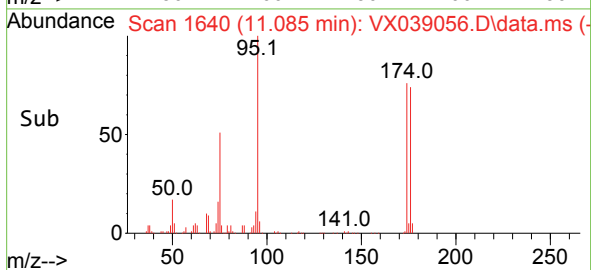
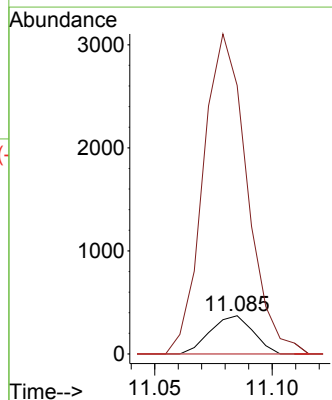
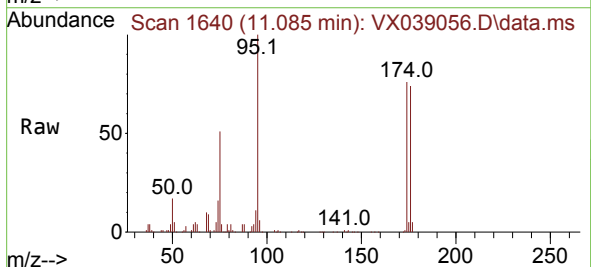
Instrument :
MSVOA_X
ClientSampleId :

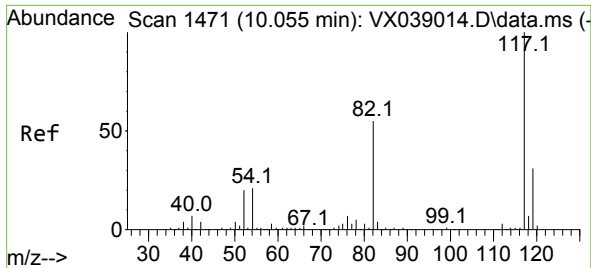
Tgt Ion:114 Resp: 104525
Ion Ratio Lower Upper
114 100
63 21.5 17.0 25.4
88 17.0 12.7 19.1



#56
Bromoform
Concen: 0.282 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.286 min
Lab File: VX039056.D
Acq: 29 Nov 2023 15:25

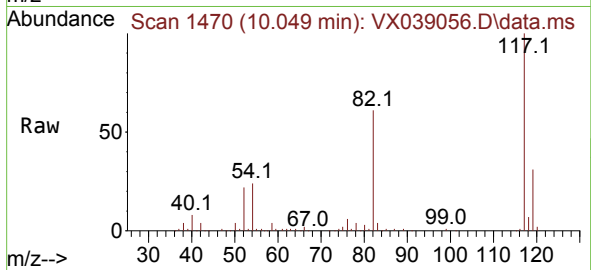
Tgt Ion:173 Resp: 472
Ion Ratio Lower Upper
173 100
175 857.2 37.6 56.4#
254 0.0 5.8 8.8#



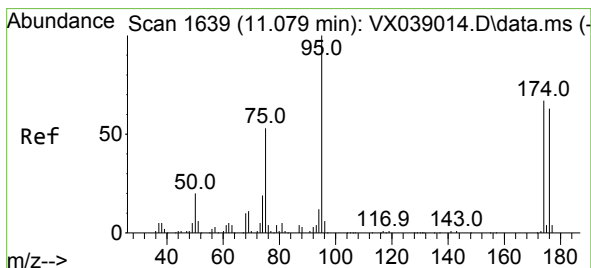
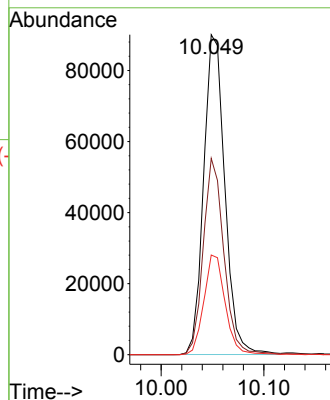
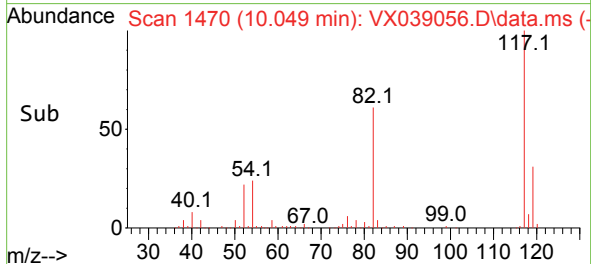


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX039056.D
Acq: 29 Nov 2023 15:25

Instrument :
MSVOA_X
ClientSampleId :

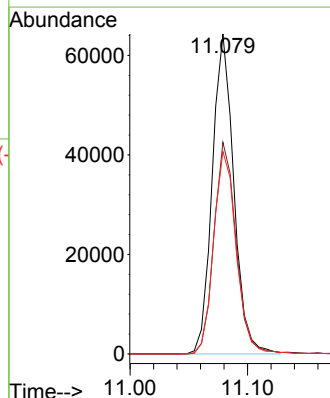
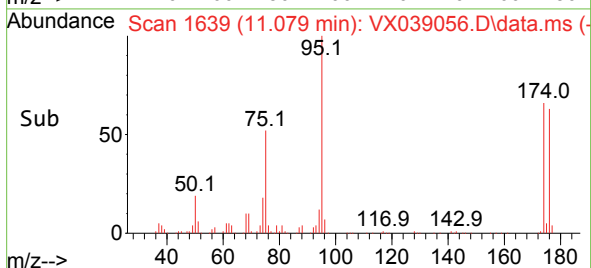
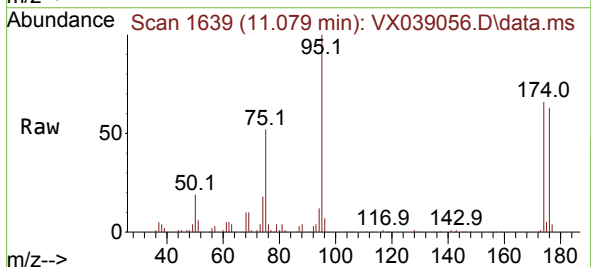


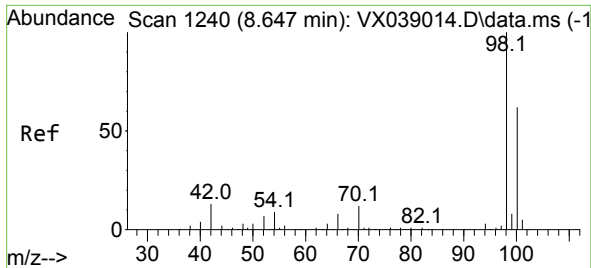
Tgt Ion:117 Resp: 129418
Ion Ratio Lower Upper
117 100
82 59.7 47.0 70.6
119 31.4 25.2 37.8



#60
4-Bromofluorobenzene
Concen: 29.029 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039056.D
Acq: 29 Nov 2023 15:25

Tgt Ion: 95 Resp: 82057
Ion Ratio Lower Upper
95 100
174 68.1 55.4 83.2
176 66.4 52.6 78.8

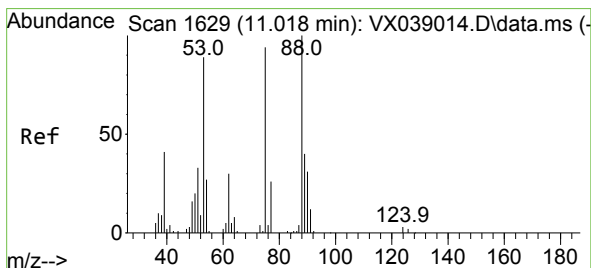
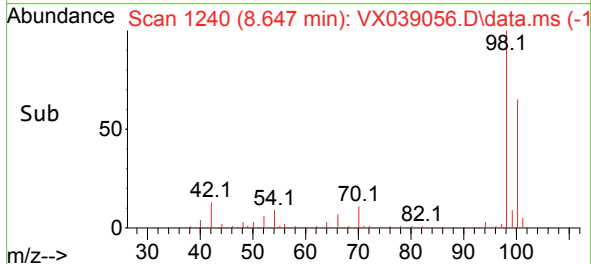
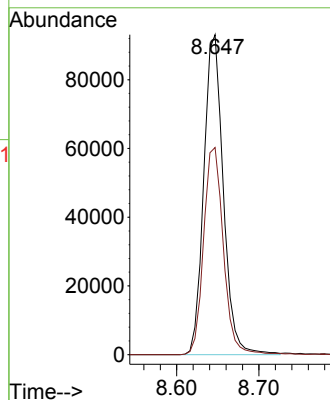
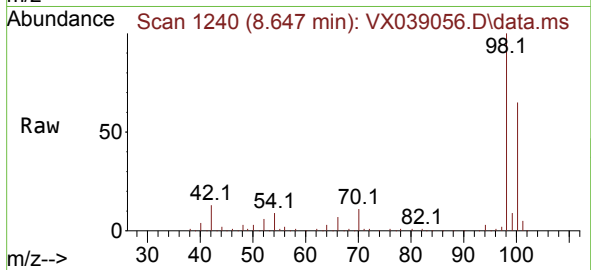




#63
Toluene-d8
Concen: 30.023 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039056.D
Acq: 29 Nov 2023 15:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 153618
Ion Ratio Lower Upper
98 100
100 65.7 51.0 76.4



#77
t-1,4-Dichloro-2-butene
Concen: 34.366 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039056.D
Acq: 29 Nov 2023 15:25

Tgt Ion: 75 Resp: 43102
Ion Ratio Lower Upper
75 100
53 0.0 46.9 140.8#
89 0.0 21.3 63.7#

