

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062424\
 Data File : VX042013.D
 Acq On : 24 Jun 2024 18:37
 Operator : JC/MD
 Sample : P3024-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 25 06:46:26 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)

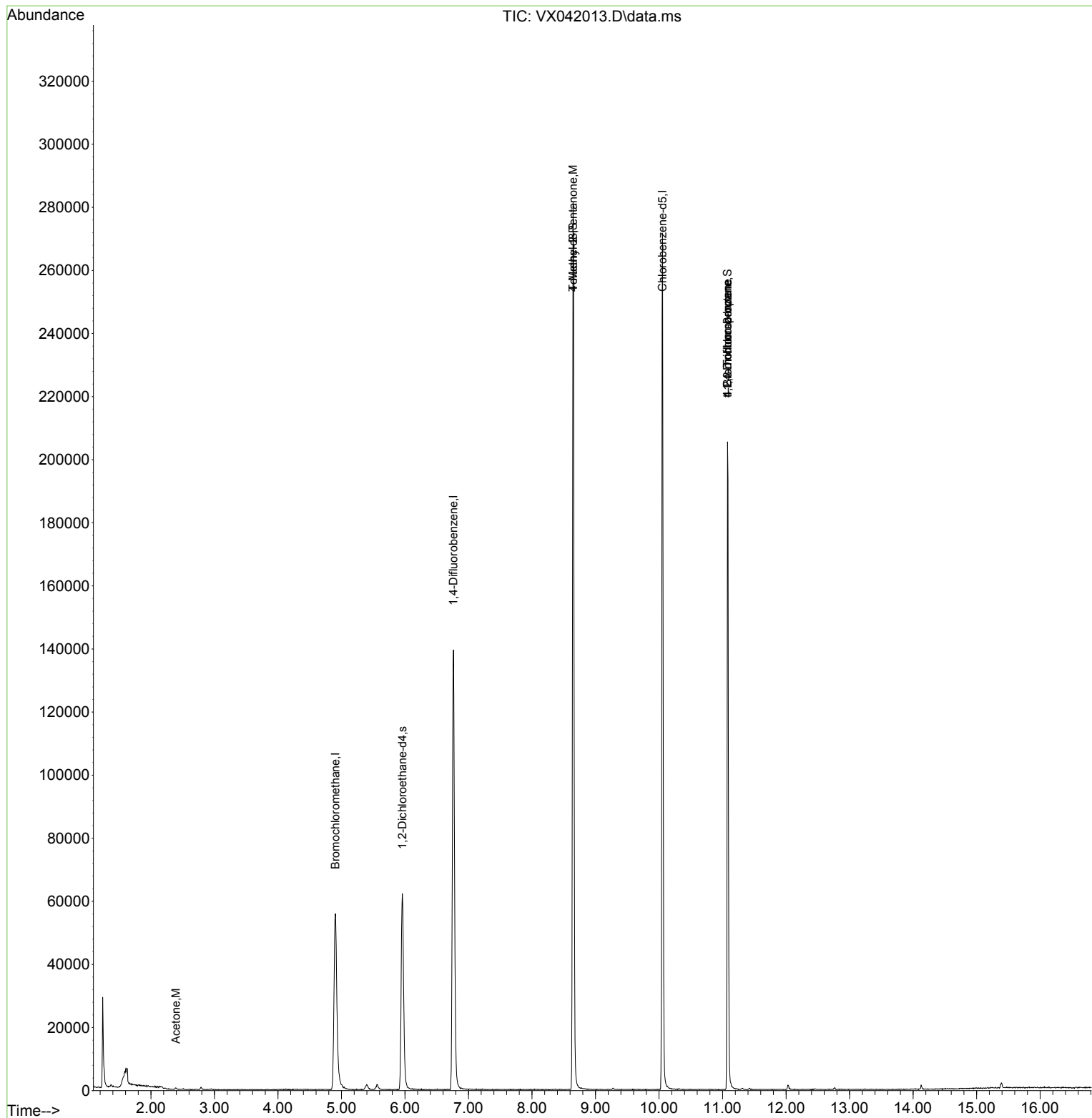
Internal Standards						
1) Bromochloromethane	4.903	128	29034	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	154754	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	138435	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	59574	29.807	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.367%
60) 4-Bromofluorobenzene	11.079	95	56636	26.430	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.100%
63) Toluene-d8	8.647	98	174431	29.451	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.167%
Target Compounds						
					Qvalue	
15) Acetone	2.392	58	101	0.329	ug/l #	5
58) 4-Methyl-2-Pentanone	8.647	43	652	0.263	ug/l #	1
72) 1,2,3-Trichloropropane	11.079	75	25575	11.814	ug/l	38
77) t-1,4-Dichloro-2-butene	11.079	75	25575	31.937	ug/l #	7

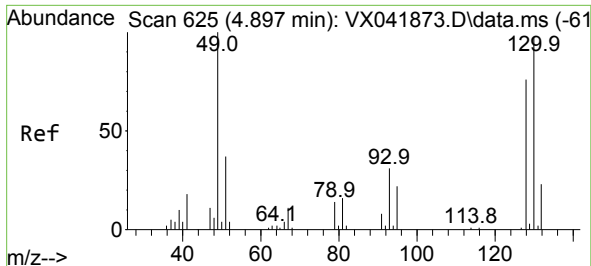
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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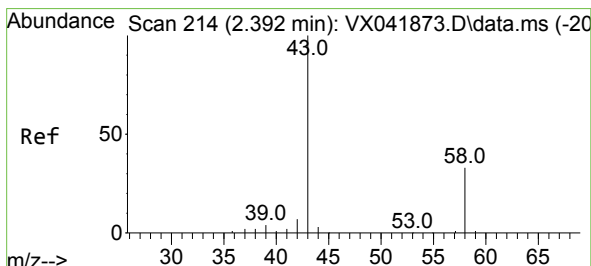
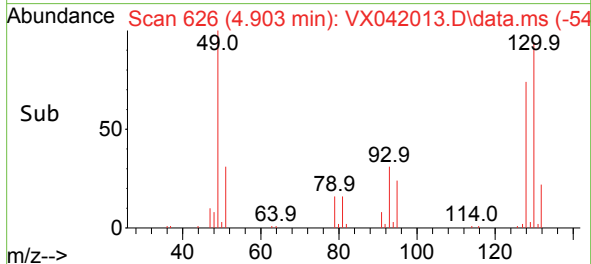
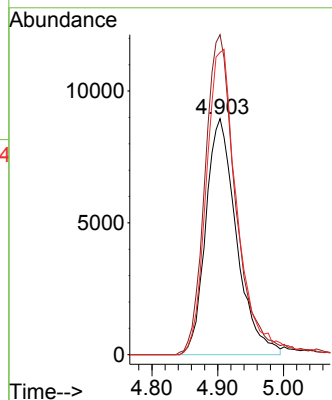
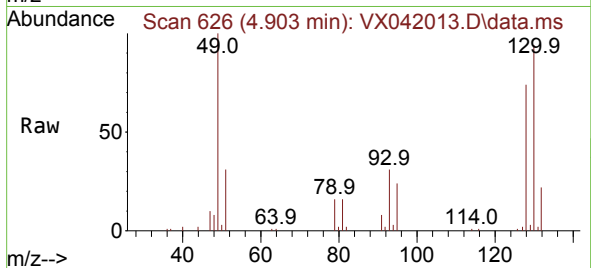




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX042013.D
Acq: 24 Jun 2024 18:37

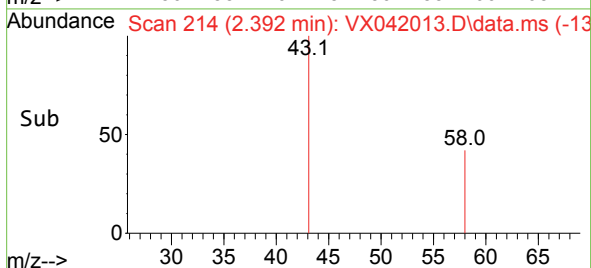
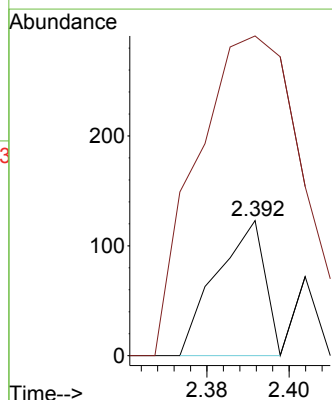
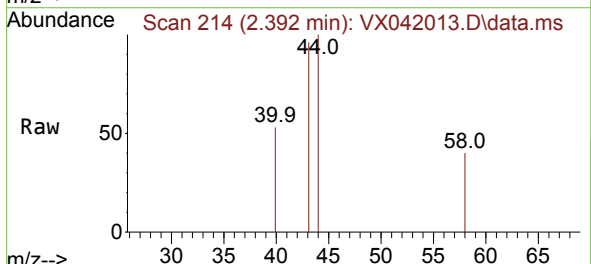
Instrument :
MSVOA_X
ClientSampleId :

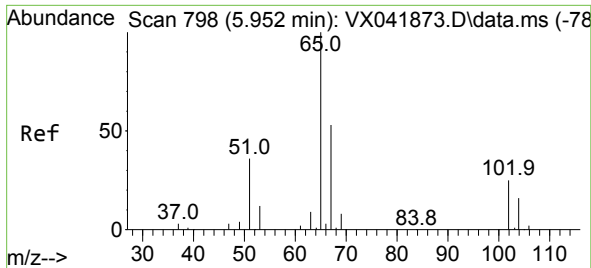
Tgt Ion:128 Resp: 29034
Ion Ratio Lower Upper
128 100
49 136.0 0.0 338.5
130 126.2 0.0 324.5



#15
Acetone
Concen: 0.329 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX042013.D
Acq: 24 Jun 2024 18:37

Tgt Ion: 58 Resp: 101
Ion Ratio Lower Upper
58 100
43 115.4 243.4 365.2#





#27

1,2-Dichloroethane-d4

Concen: 29.807 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX042013.D

Acq: 24 Jun 2024 18:37

Instrument :

MSVOA_X

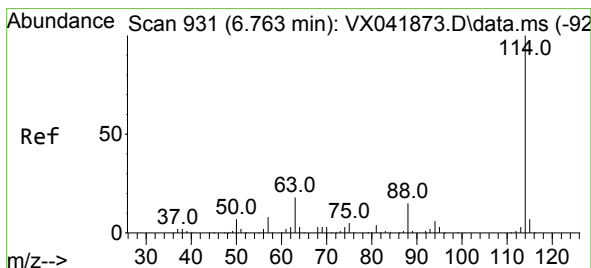
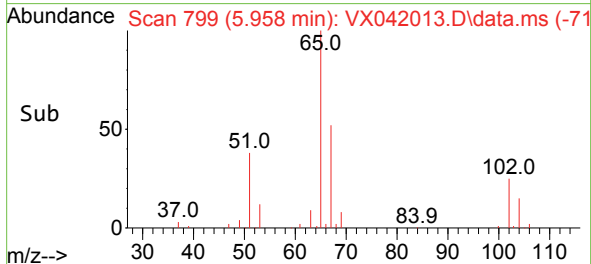
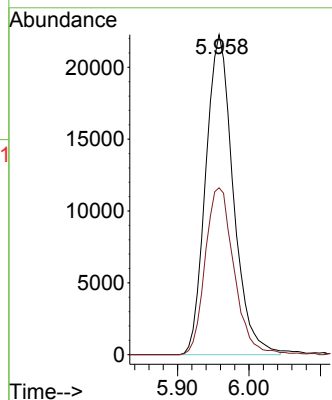
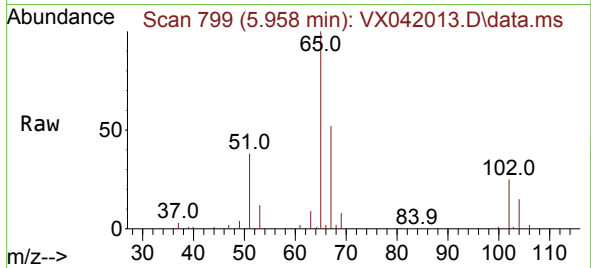
ClientSampleId :

Tgt Ion: 65 Resp: 59574

Ion Ratio Lower Upper

65 100

67 54.4 43.4 65.0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX042013.D

Acq: 24 Jun 2024 18:37

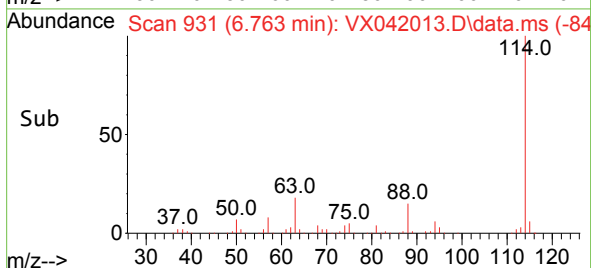
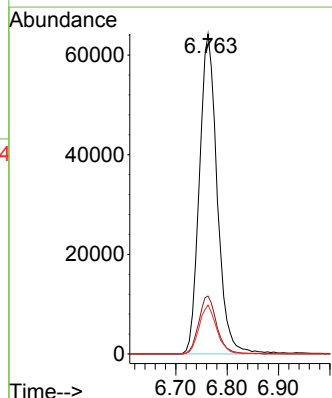
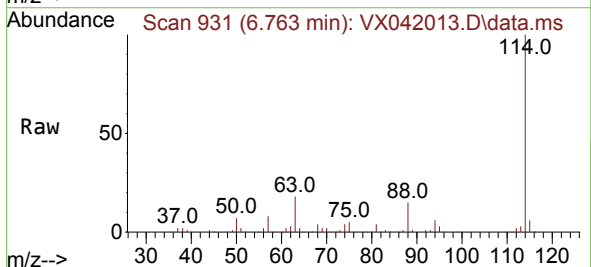
Tgt Ion:114 Resp: 154754

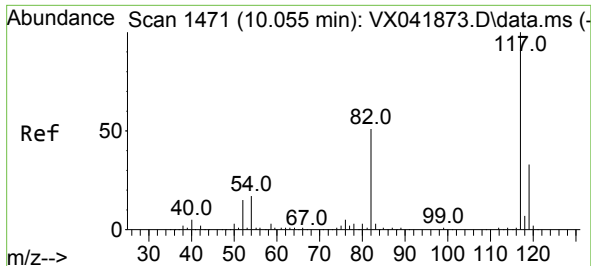
Ion Ratio Lower Upper

114 100

63 18.1 14.6 21.8

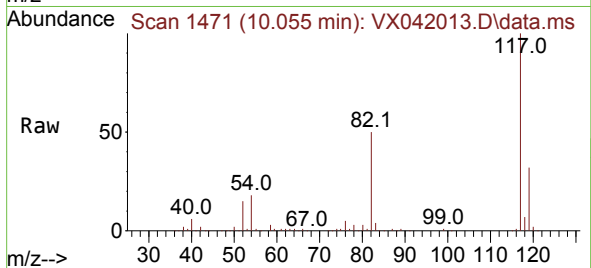
88 15.0 11.8 17.8



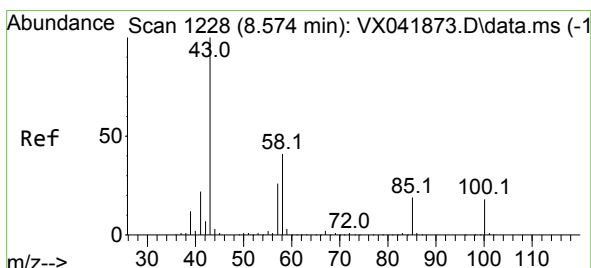
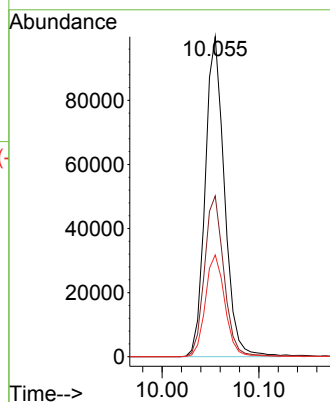
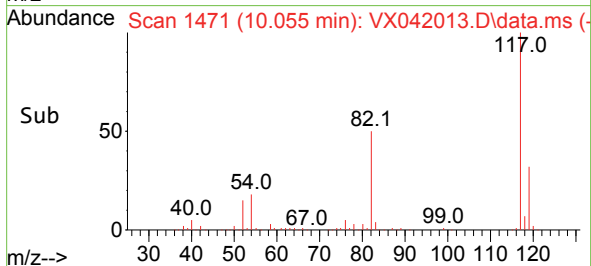


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042013.D
Acq: 24 Jun 2024 18:37

Instrument :
MSVOA_X
ClientSampleId :

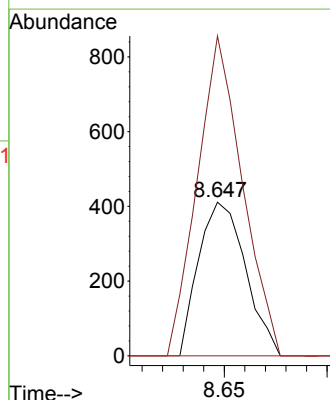
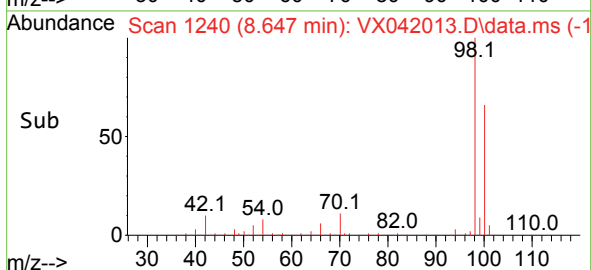
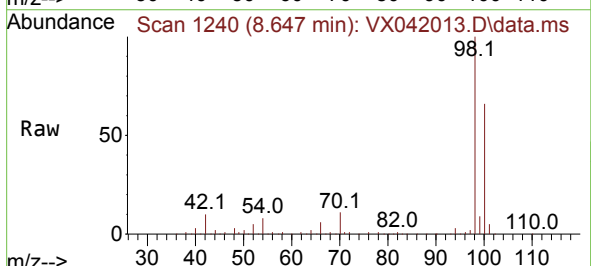


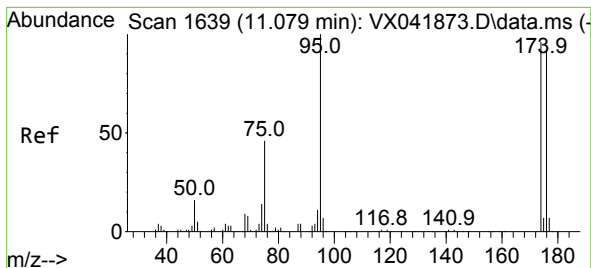
Tgt Ion:117 Resp: 138435
Ion Ratio Lower Upper
117 100
82 51.0 41.1 61.7
119 32.3 26.1 39.1



#58
4-Methyl-2-Pentanone
Concen: 0.263 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX042013.D
Acq: 24 Jun 2024 18:37

Tgt Ion: 43 Resp: 652
Ion Ratio Lower Upper
43 100
58 200.0 33.2 49.8#
85 0.0 15.5 23.3#

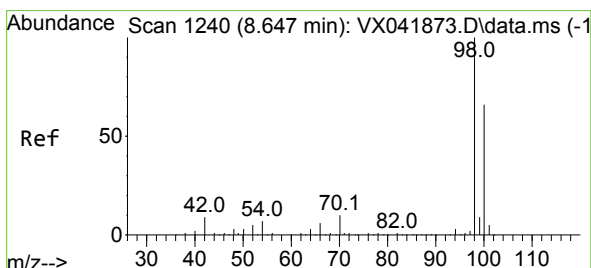
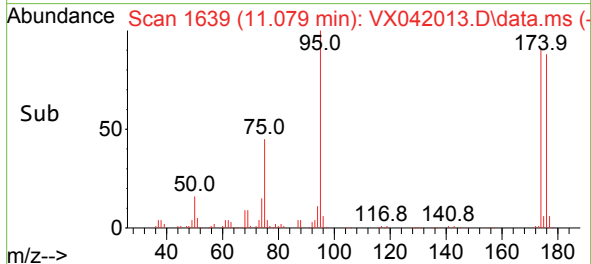
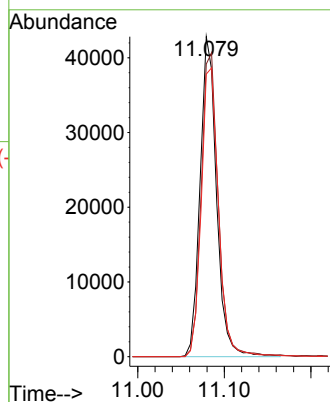
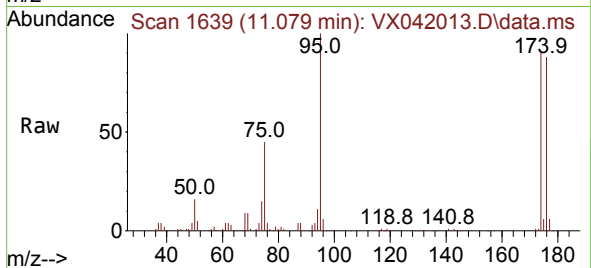




#60
4-Bromofluorobenzene
Concen: 26.430 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042013.D
Acq: 24 Jun 2024 18:37

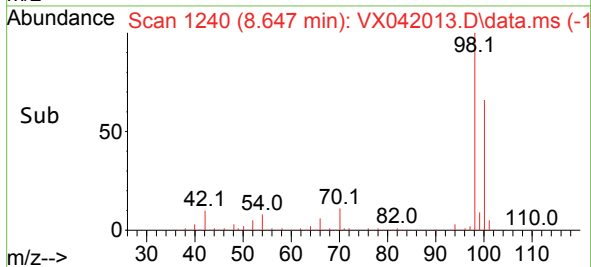
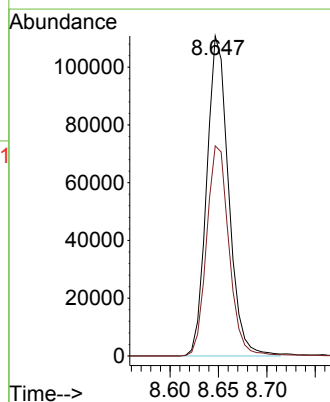
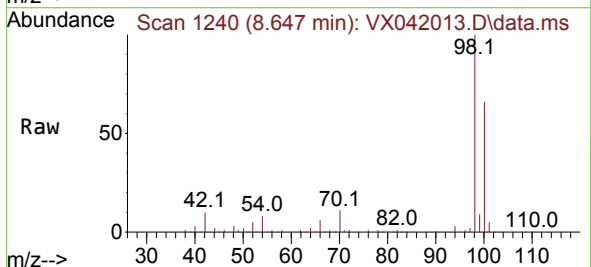
Instrument :
MSVOA_X
ClientSampleId :

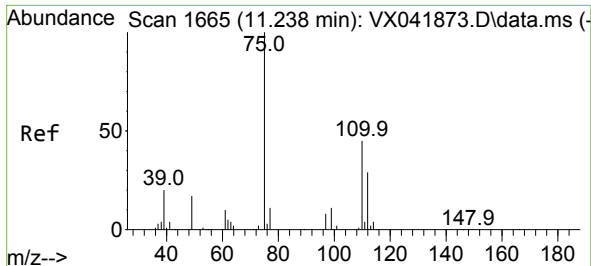
Tgt Ion: 95 Resp: 56636
Ion Ratio Lower Upper
95 100
174 98.4 78.9 118.3
176 94.0 77.1 115.7



#63
Toluene-d8
Concen: 29.451 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042013.D
Acq: 24 Jun 2024 18:37

Tgt Ion: 98 Resp: 174431
Ion Ratio Lower Upper
98 100
100 67.3 52.7 79.1

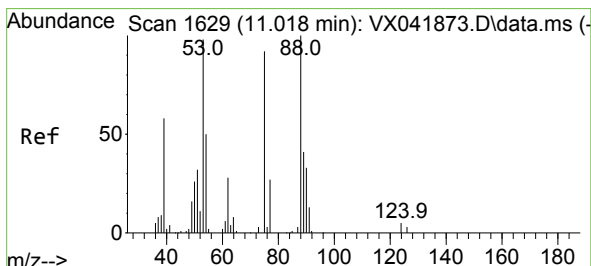
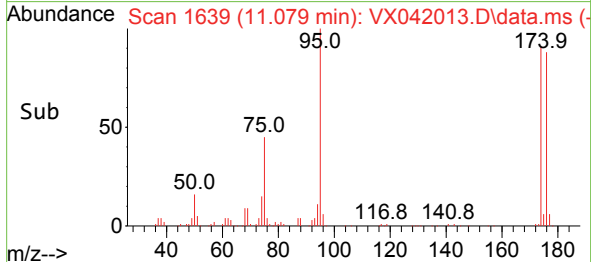
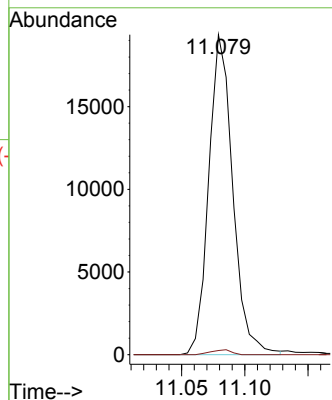
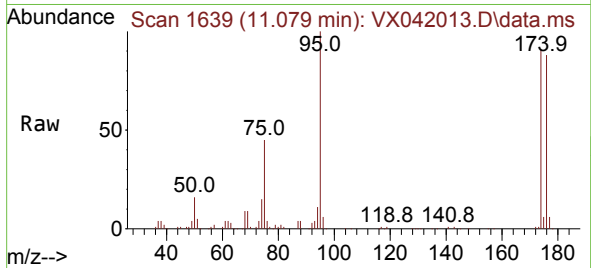




#72
1,2,3-Trichloropropane
Concen: 11.814 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042013.D
Acq: 24 Jun 2024 18:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 25575
Ion Ratio Lower Upper
75 100
77 1.3 0.0 79.6



#77
t-1,4-Dichloro-2-butene
Concen: 31.937 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042013.D
Acq: 24 Jun 2024 18:37

Tgt Ion: 75 Resp: 25575
Ion Ratio Lower Upper
75 100
53 0.0 53.4 160.2#
89 0.0 22.5 67.5#

