

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061424\
 Data File : VX041882.D
 Acq On : 14 Jun 2024 17:01
 Operator : JC/MD
 Sample : P2893-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 15 04:13:43 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)

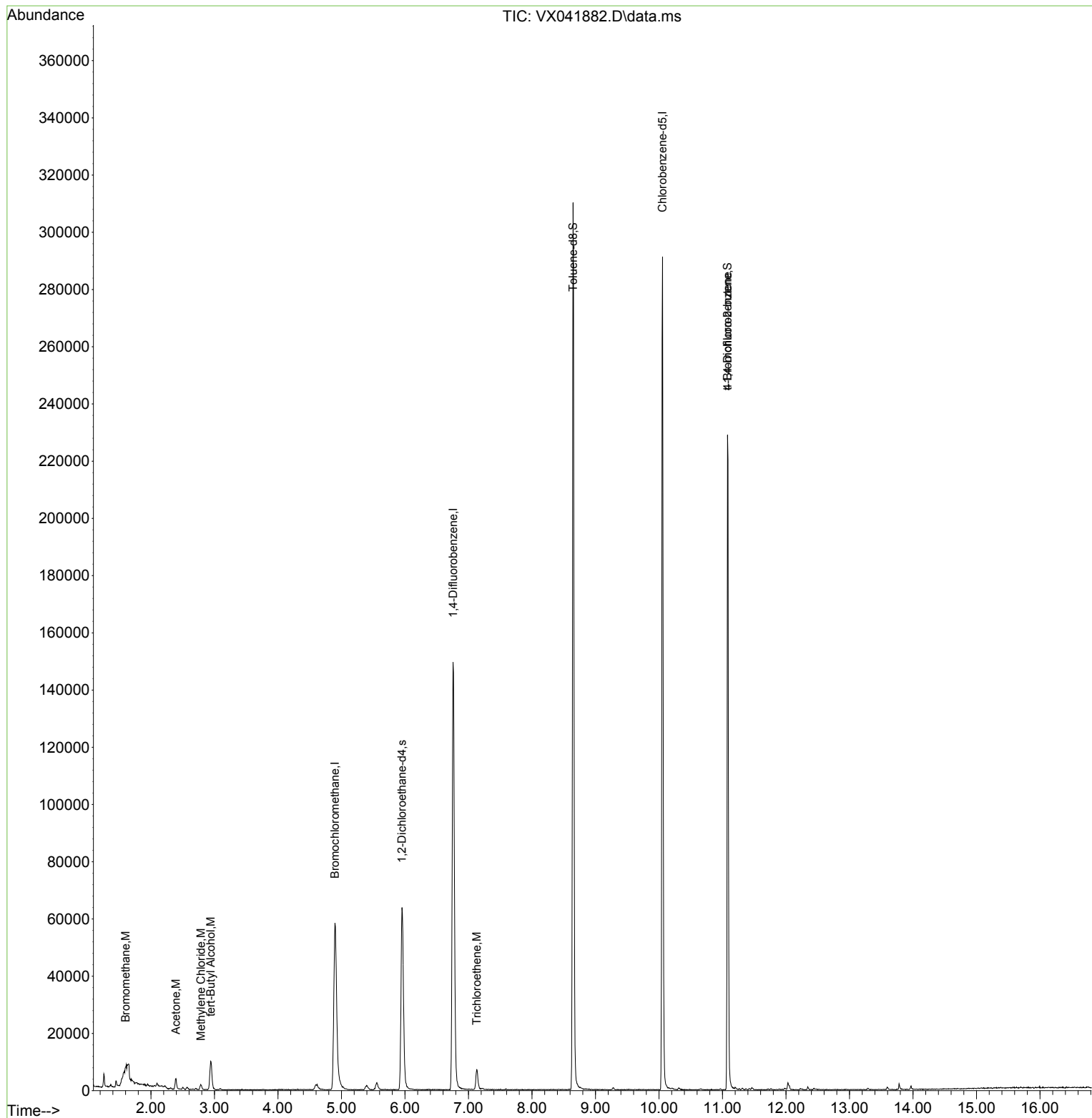
Internal Standards						
1) Bromochloromethane	4.898	128	31388	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	169501	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	150076	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	62199	28.786	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.967%
60) 4-Bromofluorobenzene	11.079	95	62215	26.781	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	89.267%
63) Toluene-d8	8.647	98	192954	30.051	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.167%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	499	0.420	ug/l #	64
15) Acetone	2.392	58	1360	4.096	ug/l	95
18) Methylene Chloride	2.788	84	1090	0.495	ug/l #	86
23) tert-Butyl Alcohol	2.941	59	6150	14.250	ug/l #	100
37) Trichloroethene	7.129	130	3523	1.750	ug/l	97
77) t-1,4-Dichloro-2-butene	11.079	75	28538	32.872	ug/l #	7

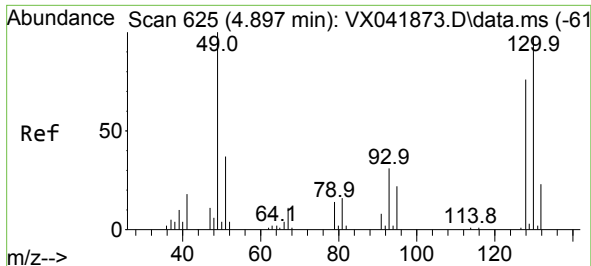
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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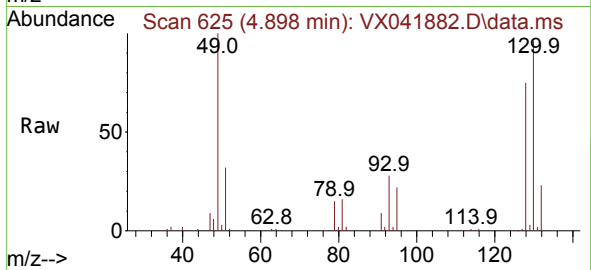
Quant Time: Jun 15 04:13:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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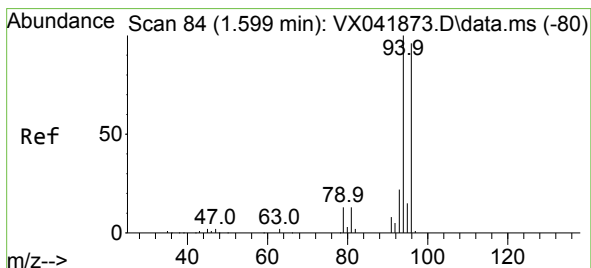
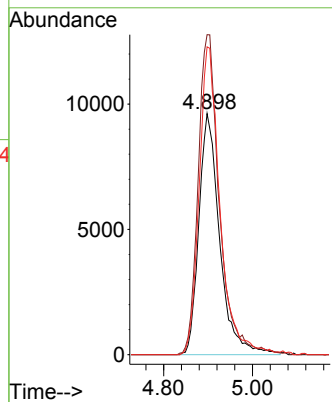
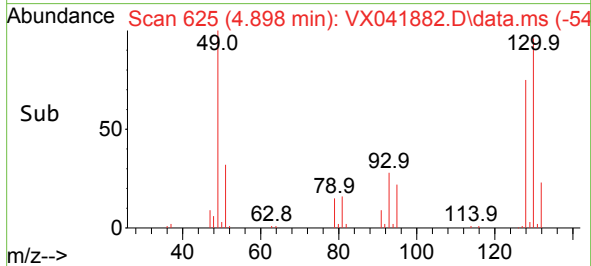


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX041882.D
Acq: 14 Jun 2024 17:01

Instrument :
MSVOA_X
ClientSampleId :

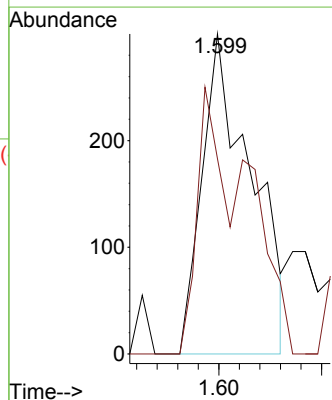
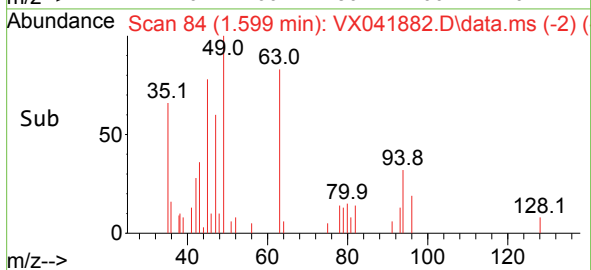
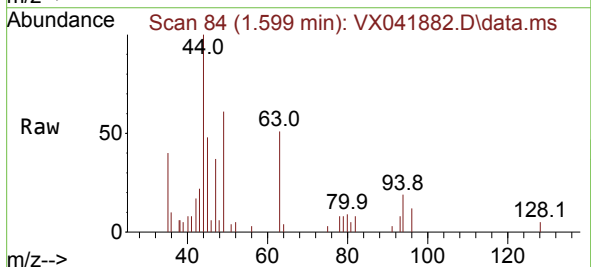


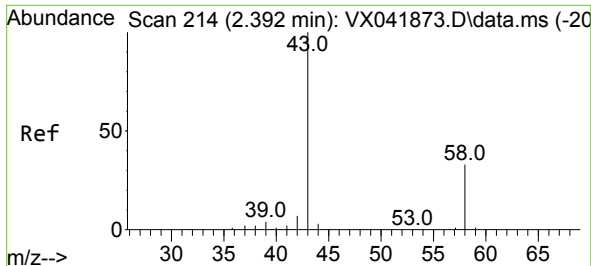
Tgt Ion:128 Resp: 31388
Ion Ratio Lower Upper
128 100
49 134.2 0.0 338.5
130 126.4 0.0 324.5



#5
Bromomethane
Concen: 0.420 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041882.D
Acq: 14 Jun 2024 17:01

Tgt Ion: 94 Resp: 499
Ion Ratio Lower Upper
94 100
96 61.0 76.6 115.0#





#15

Acetone

Concen: 4.096 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX041882.D

Acq: 14 Jun 2024 17:01

Instrument :

MSVOA_X

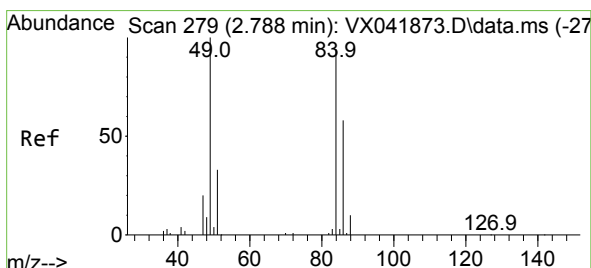
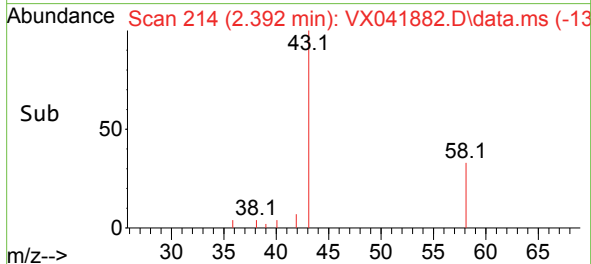
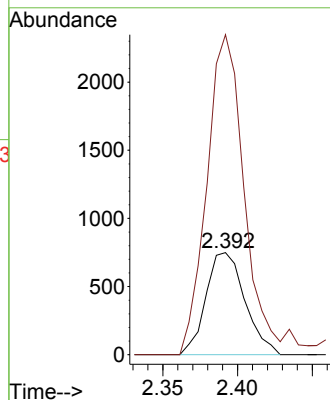
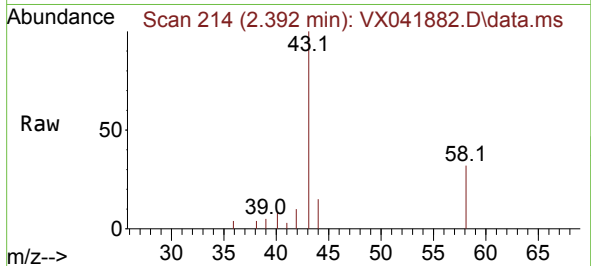
ClientSampleId :

Tgt Ion: 58 Resp: 1360

Ion Ratio Lower Upper

58 100

43 313.5 243.4 365.2



#18

Methylene Chloride

Concen: 0.495 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX041882.D

Acq: 14 Jun 2024 17:01

Tgt Ion: 84 Resp: 1090

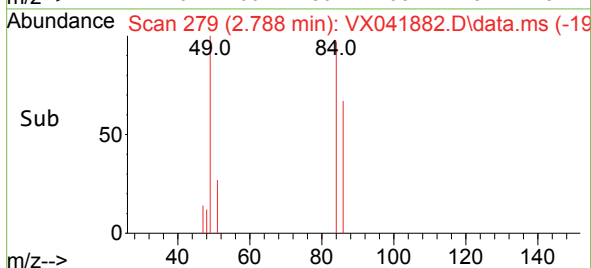
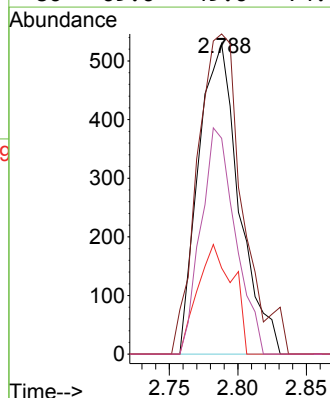
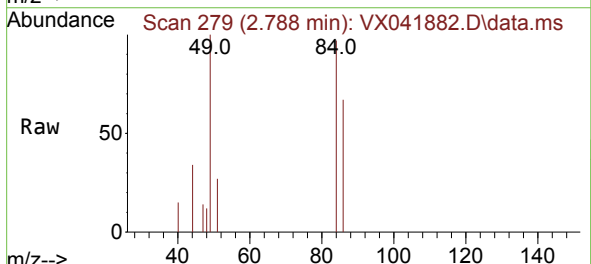
Ion Ratio Lower Upper

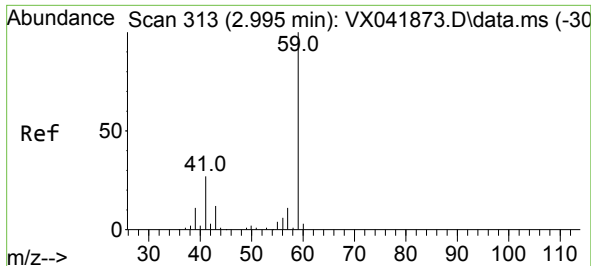
84 100

49 88.8 85.3 127.9

51 27.8 28.5 42.7#

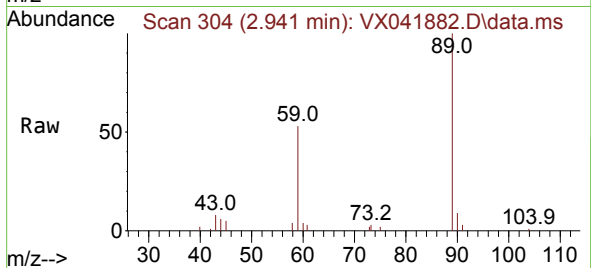
86 69.6 49.6 74.4



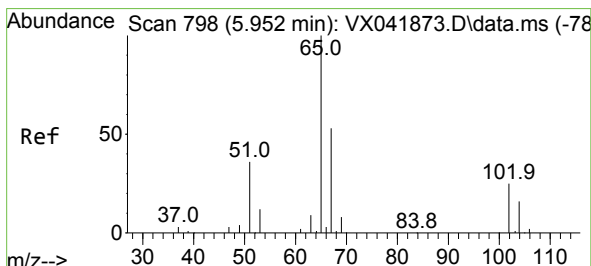
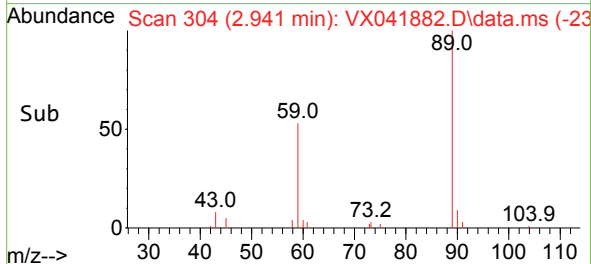
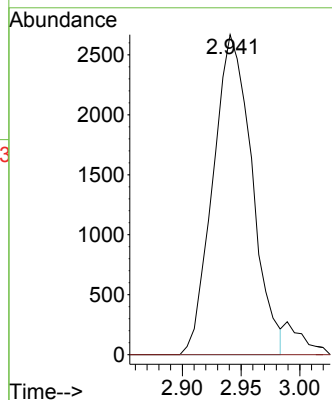


#23
tert-Butyl Alcohol
Concen: 14.250 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX041882.D
Acq: 14 Jun 2024 17:01

Instrument :
MSVOA_X
ClientSampleId :

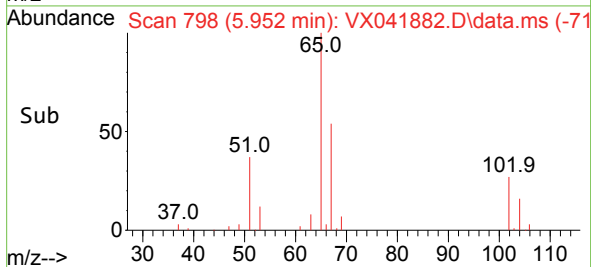
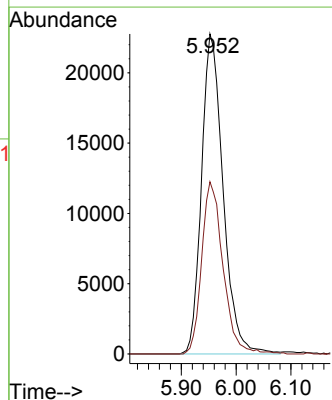
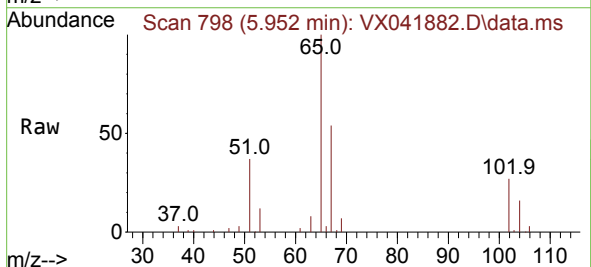


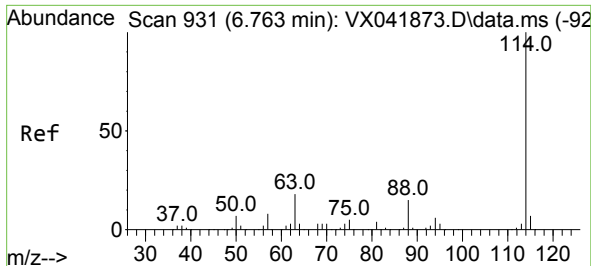
Tgt Ion: 59 Resp: 6150
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#27
1,2-Dichloroethane-d4
Concen: 28.786 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041882.D
Acq: 14 Jun 2024 17:01

Tgt Ion: 65 Resp: 62199
Ion Ratio Lower Upper
65 100
67 52.5 43.4 65.0

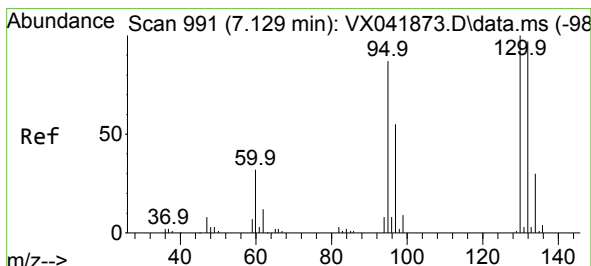
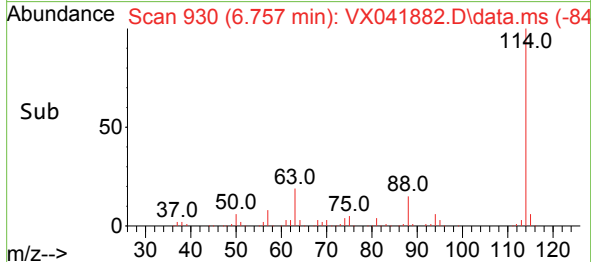
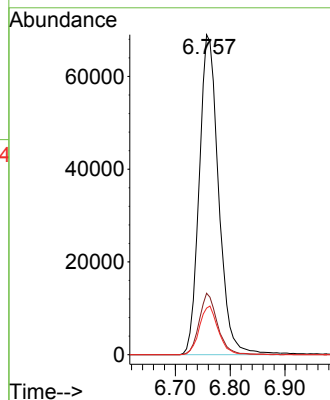
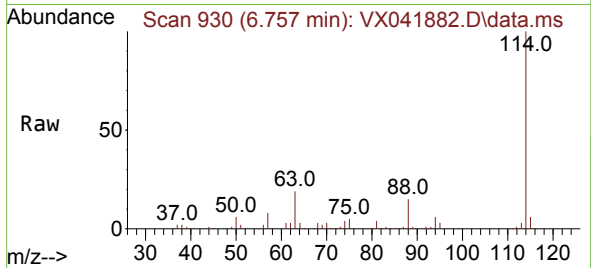




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX041882.D
Acq: 14 Jun 2024 17:01

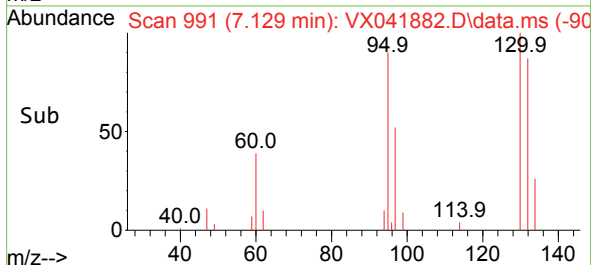
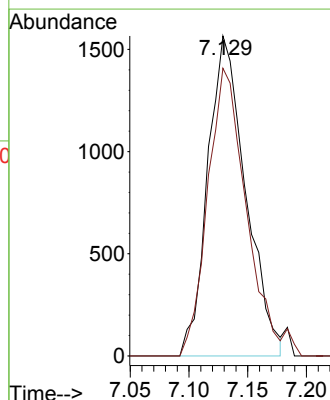
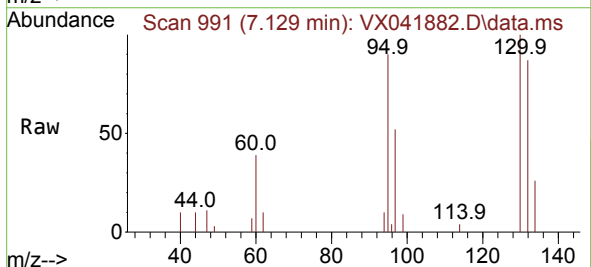
Instrument :
MSVOA_X
ClientSampleId :

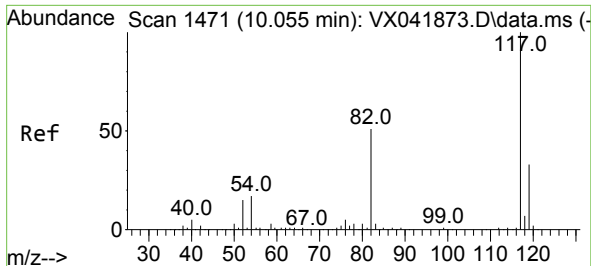
Tgt Ion:114 Resp: 169501
Ion Ratio Lower Upper
114 100
63 18.0 14.6 21.8
88 14.9 11.8 17.8



#37
Trichloroethene
Concen: 1.750 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX041882.D
Acq: 14 Jun 2024 17:01

Tgt Ion:130 Resp: 3523
Ion Ratio Lower Upper
130 100
95 89.9 69.4 104.0

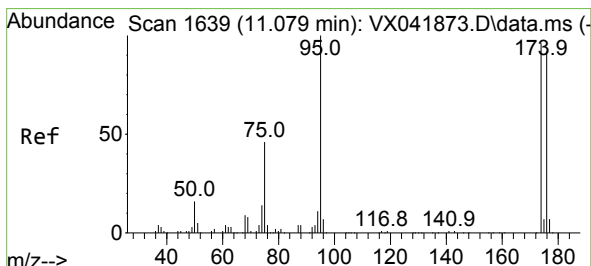
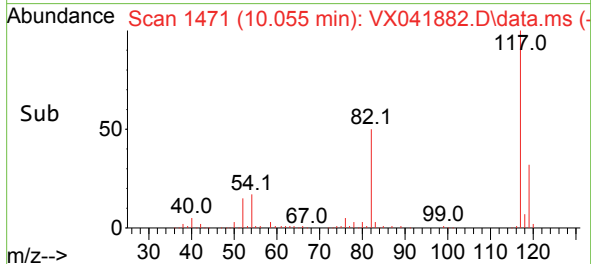
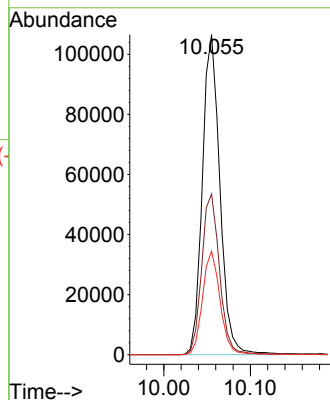
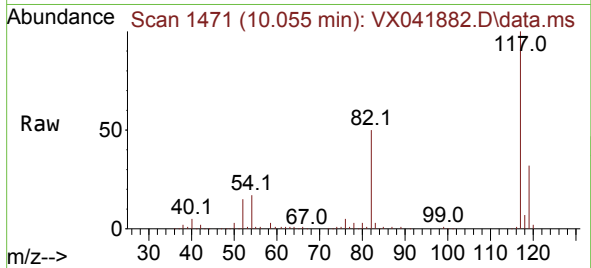




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041882.D
Acq: 14 Jun 2024 17:01

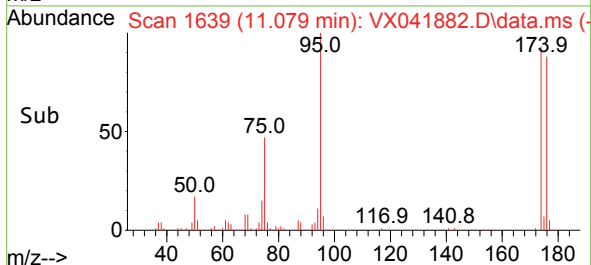
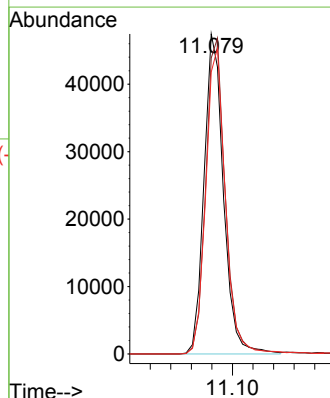
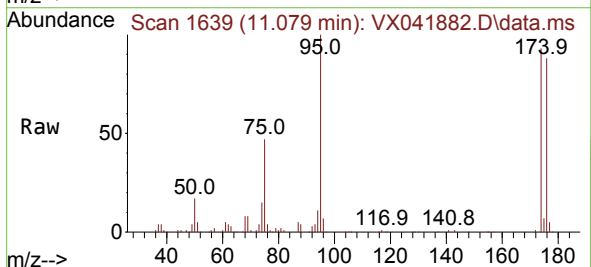
Instrument :
MSVOA_X
ClientSampleId :

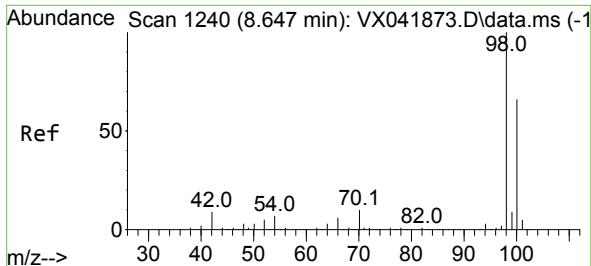
Tgt Ion:117 Resp: 150076
Ion Ratio Lower Upper
117 100
82 51.0 41.1 61.7
119 32.4 26.1 39.1



#60
4-Bromofluorobenzene
Concen: 26.781 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041882.D
Acq: 14 Jun 2024 17:01

Tgt Ion: 95 Resp: 62215
Ion Ratio Lower Upper
95 100
174 99.3 78.9 118.3
176 96.9 77.1 115.7

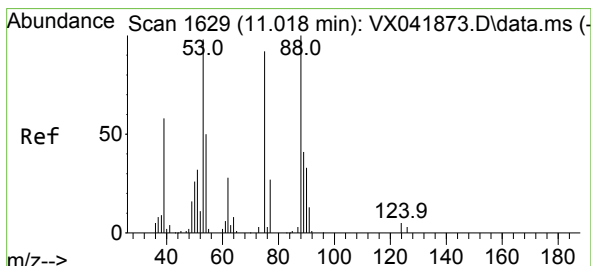
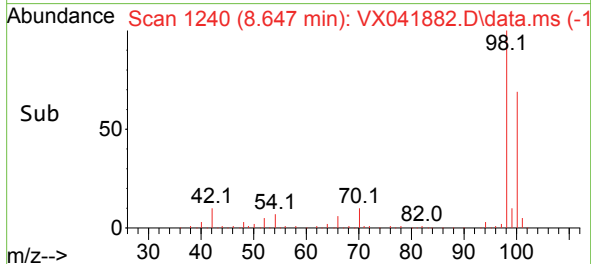
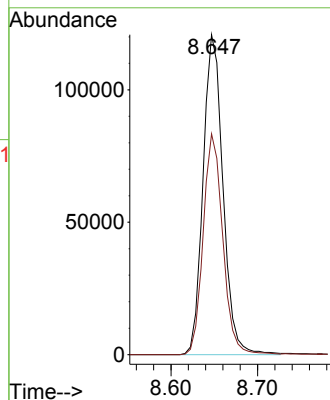
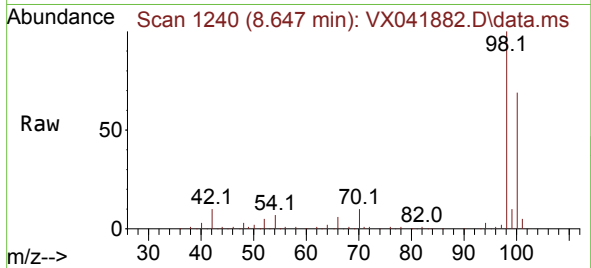




#63
Toluene-d8
Concen: 30.051 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041882.D
Acq: 14 Jun 2024 17:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 192954
Ion Ratio Lower Upper
98 100
100 67.9 52.7 79.1



#77
t-1,4-Dichloro-2-butene
Concen: 32.872 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041882.D
Acq: 14 Jun 2024 17:01

Tgt Ion: 75 Resp: 28538
Ion Ratio Lower Upper
75 100
53 0.0 53.4 160.2#
89 0.0 22.5 67.5#

