

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053024\
 Data File : VX041689.D
 Acq On : 30 May 2024 12:56
 Operator : JC/MD
 Sample : P2509-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 31 05:29:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

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

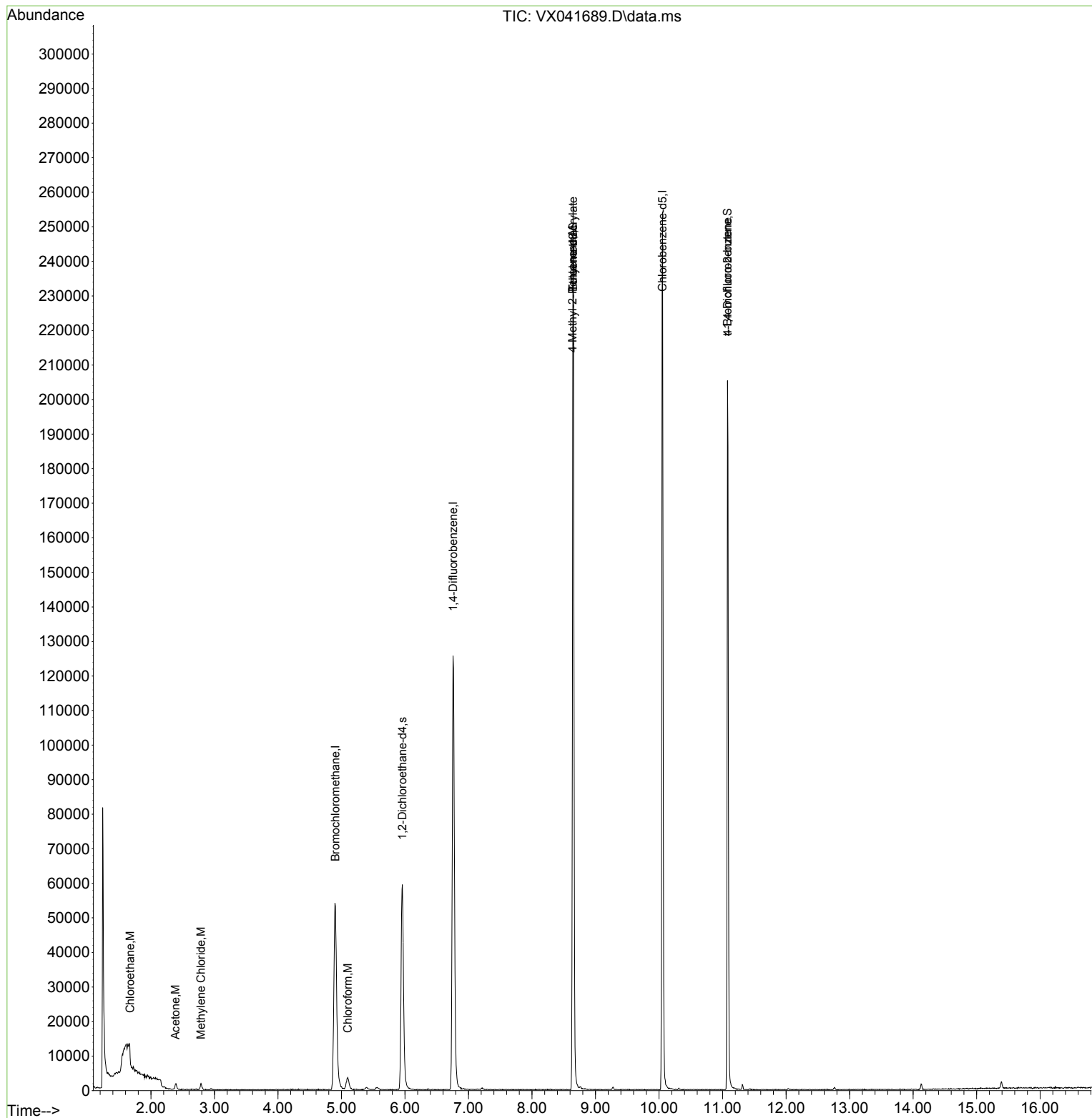
Internal Standards						
1) Bromochloromethane	4.904	128	25512	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	134514	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	120072	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	59664	29.698	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.000%
60) 4-Bromofluorobenzene	11.079	95	52178	27.837	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.800%
63) Toluene-d8	8.647	98	152979	29.722	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.067%
Target Compounds						
					Qvalue	
6) Chloroethane	1.672	64	544	0.699	ug/l #	47
15) Acetone	2.386	58	662	2.859	ug/l #	64
18) Methylene Chloride	2.788	84	964	0.621	ug/l	87
25) Chloroform	5.099	83	4338	1.491	ug/l #	83
51) Ethyl methacrylate	8.647	69	520	0.222	ug/l	89
58) 4-Methyl-2-Pentanone	8.641	43	732	0.334	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	26191	40.761	ug/l #	1

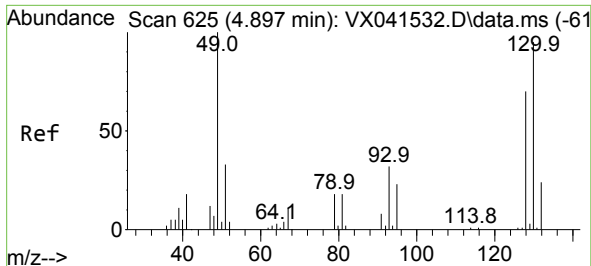
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053024\
Data File : VX041689.D
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Sample : P2509-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

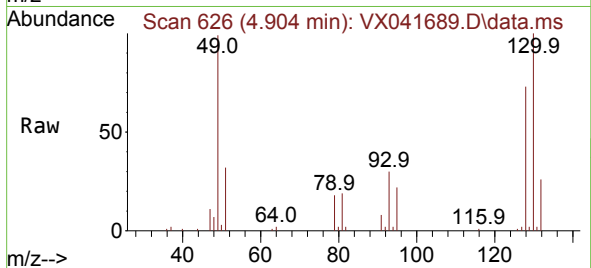
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 16 05:13:13 2024
Response via : Initial Calibration



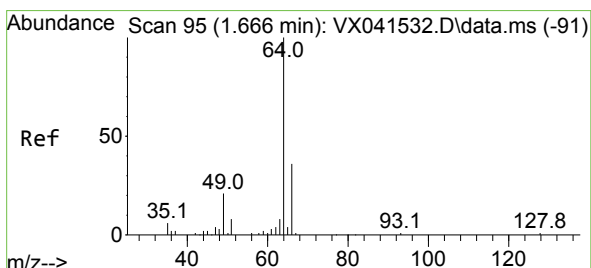
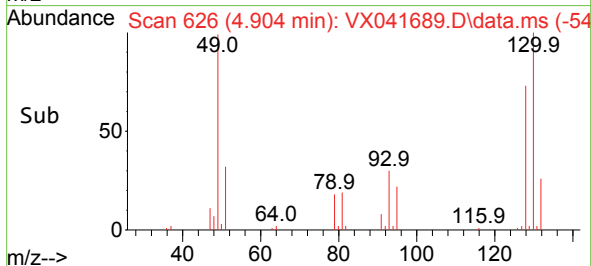
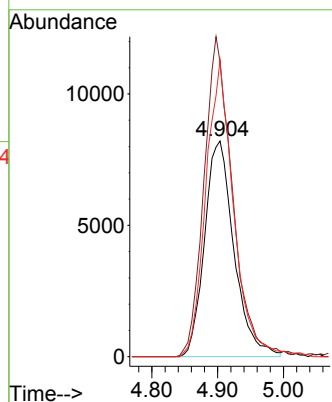


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX041689.D
Acq: 30 May 2024 12:56

Instrument :
MSVOA_X
ClientSampleId :

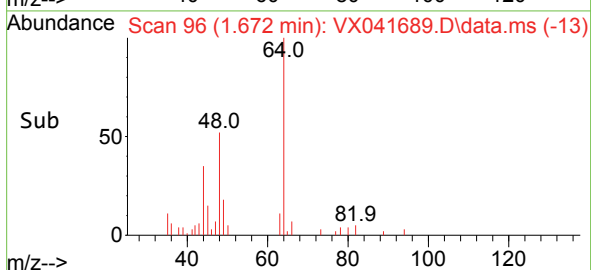
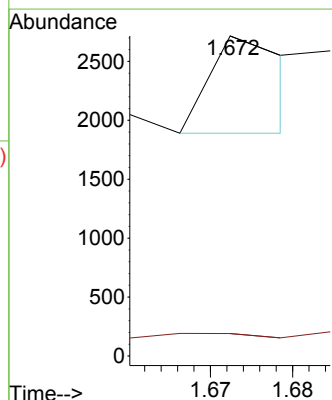
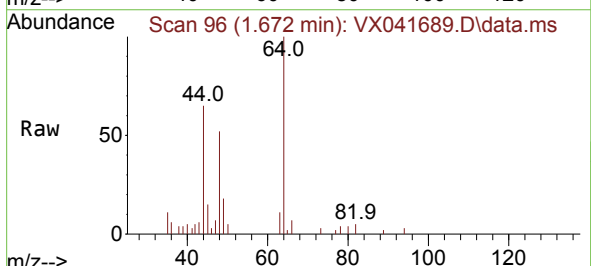


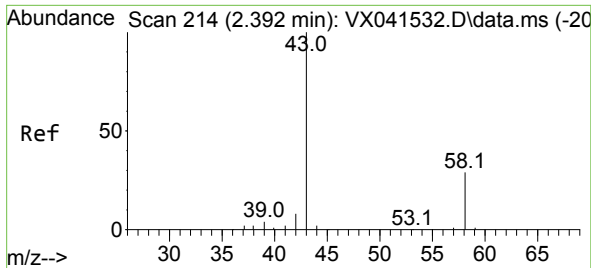
Tgt Ion:128 Resp: 25512
Ion Ratio Lower Upper
128 100
49 143.2 0.0 361.5
130 129.3 0.0 324.3



#6
Chloroethane
Concen: 0.699 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX041689.D
Acq: 30 May 2024 12:56

Tgt Ion: 64 Resp: 544
Ion Ratio Lower Upper
64 100
66 4.4 28.6 42.8#

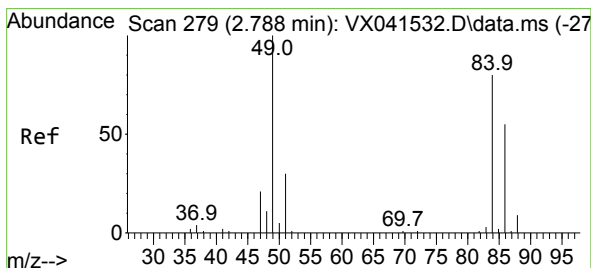
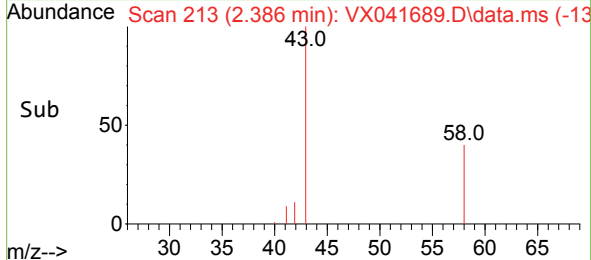
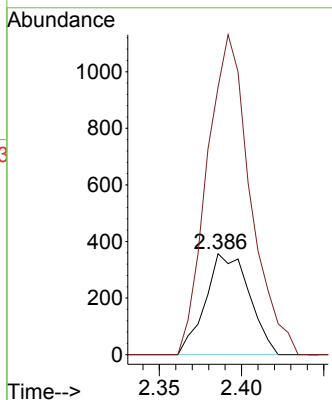
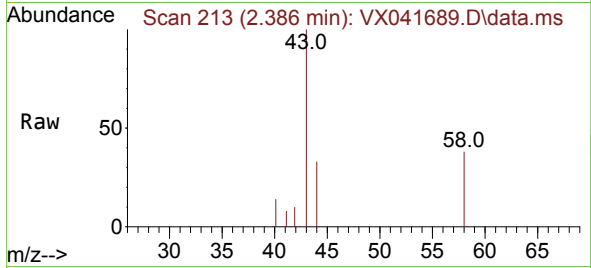




#15
Acetone
Concen: 2.859 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX041689.D
Acq: 30 May 2024 12:56

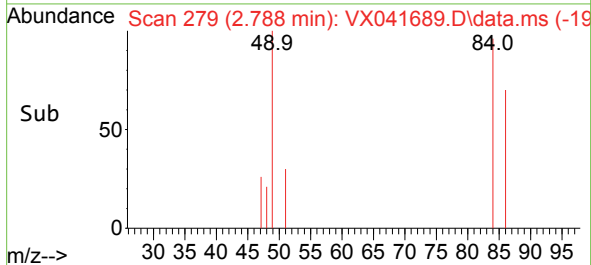
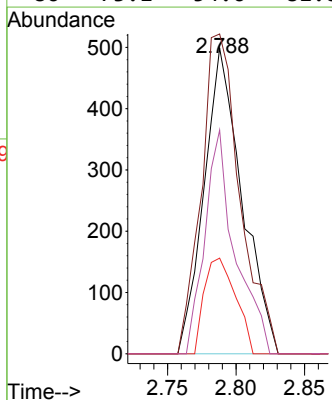
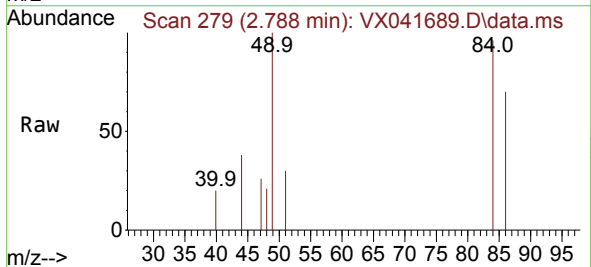
Instrument :
MSVOA_X
ClientSampleId :

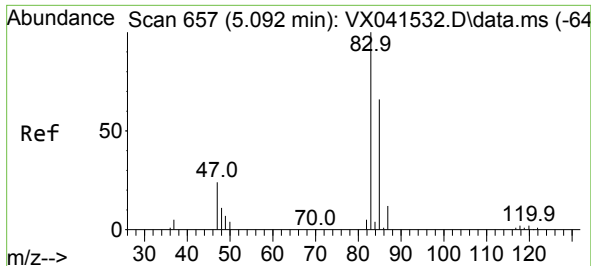
Tgt Ion: 58 Resp: 662
Ion Ratio Lower Upper
58 100
43 264.7 274.0 411.0#



#18
Methylene Chloride
Concen: 0.621 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041689.D
Acq: 30 May 2024 12:56

Tgt Ion: 84 Resp: 964
Ion Ratio Lower Upper
84 100
49 104.6 99.8 149.8
51 31.3 30.2 45.4
86 73.1 54.6 81.8

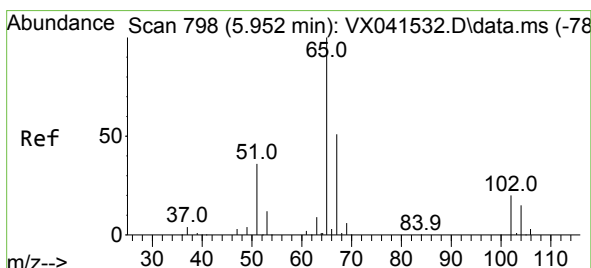
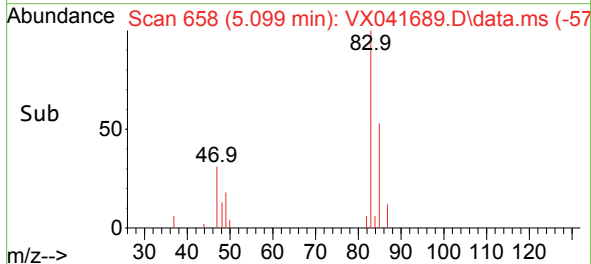
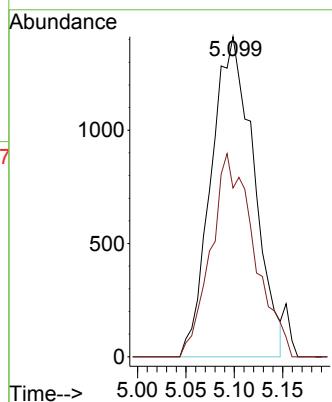
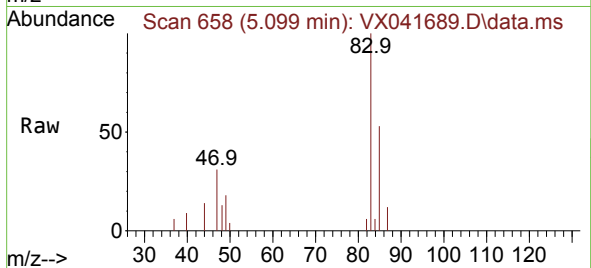




#25
Chloroform
Concen: 1.491 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX041689.D
Acq: 30 May 2024 12:56

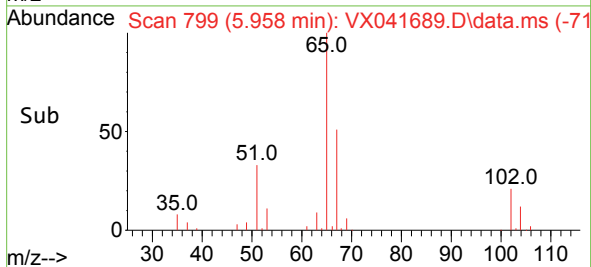
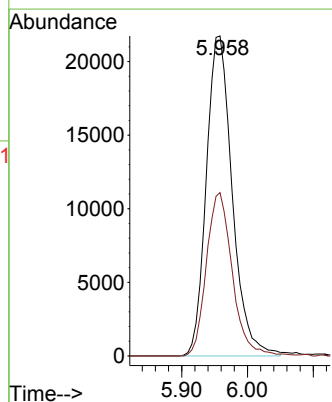
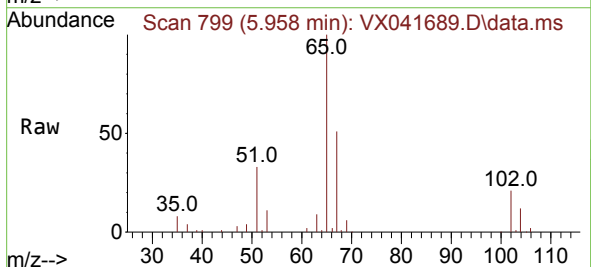
Instrument :
MSVOA_X
ClientSampleId :

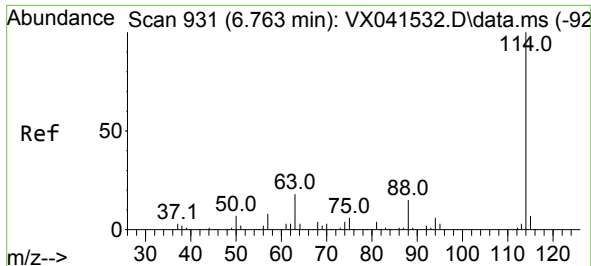
Tgt Ion: 83 Resp: 4338
Ion Ratio Lower Upper
83 100
85 52.7 52.9 79.3#



#27
1,2-Dichloroethane-d4
Concen: 29.698 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041689.D
Acq: 30 May 2024 12:56

Tgt Ion: 65 Resp: 59664
Ion Ratio Lower Upper
65 100
67 50.7 40.8 61.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX041689.D

Acq: 30 May 2024 12:56

Instrument :

MSVOA_X

ClientSampleId :

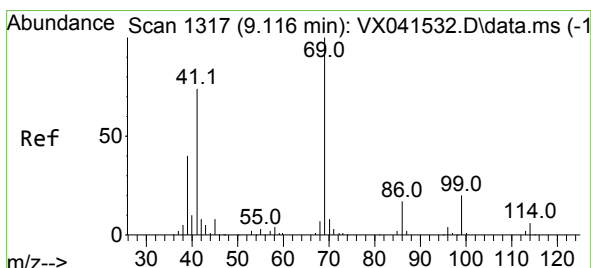
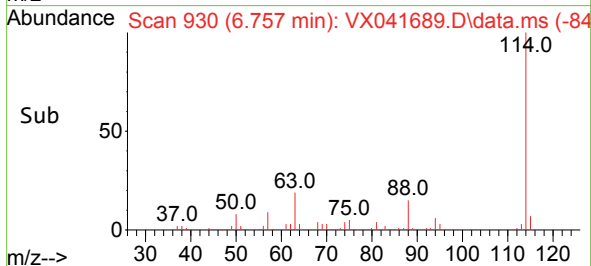
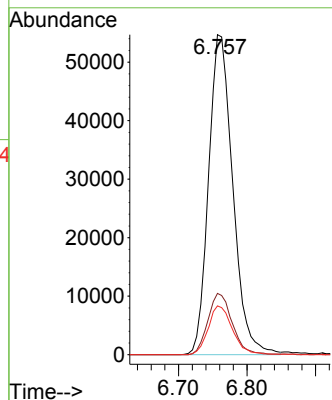
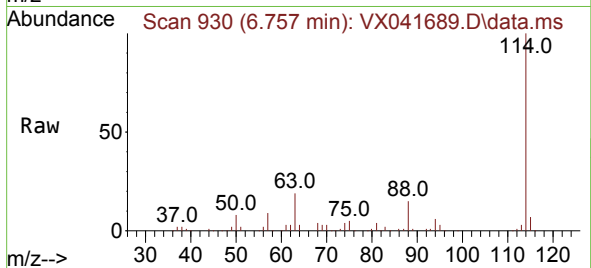
Tgt Ion:114 Resp: 134514

Ion Ratio Lower Upper

114 100

63 19.1 15.4 23.0

88 15.2 12.2 18.2



#51

Ethyl methacrylate

Concen: 0.222 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.469 min

Lab File: VX041689.D

Acq: 30 May 2024 12:56

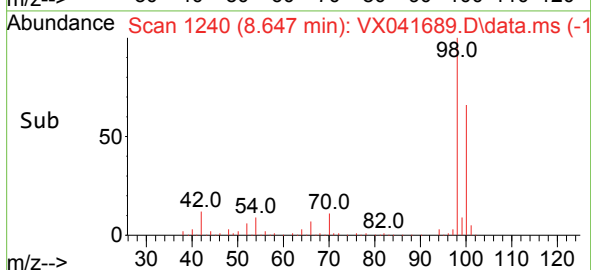
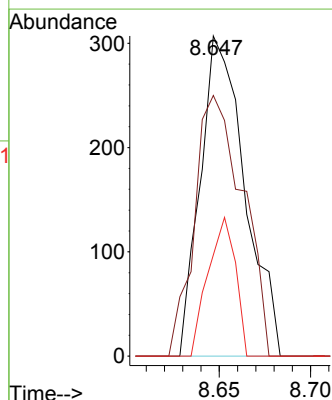
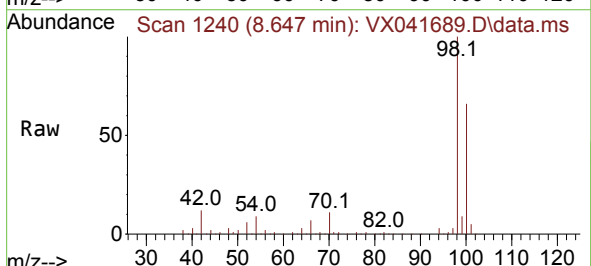
Tgt Ion: 69 Resp: 520

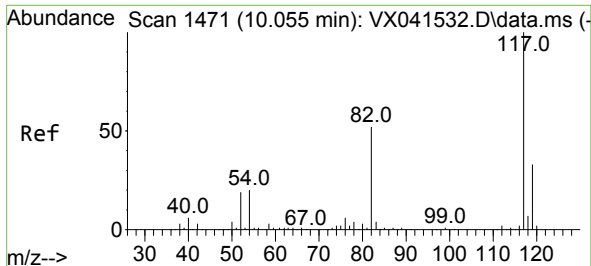
Ion Ratio Lower Upper

69 100

41 81.4 37.1 111.3

39 31.6 20.2 60.6





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041689.D

Acq: 30 May 2024 12:56

Instrument :

MSVOA_X

ClientSampleId :

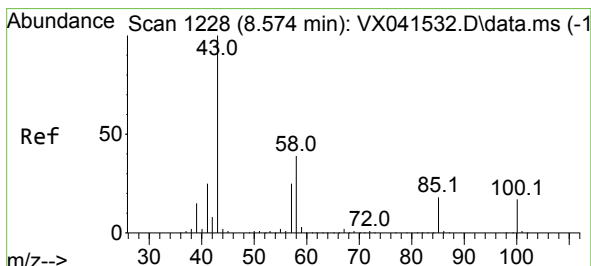
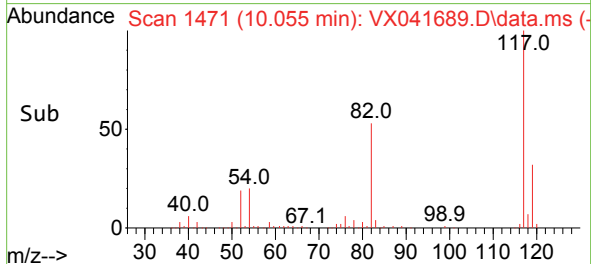
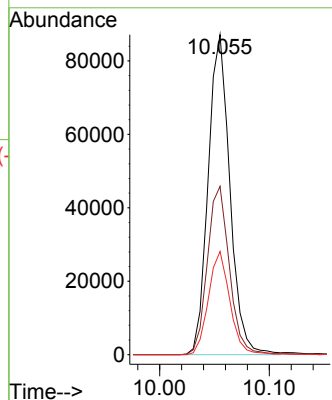
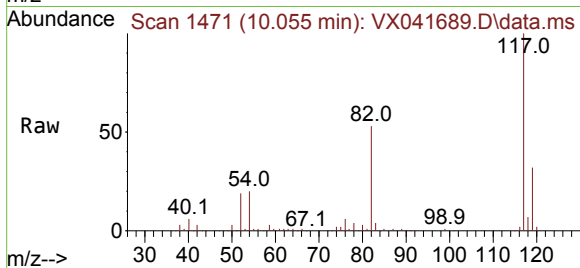
Tgt Ion:117 Resp: 120072

Ion Ratio Lower Upper

117 100

82 53.7 41.7 62.5

119 31.9 25.7 38.5



#58

4-Methyl-2-Pentanone

Concen: 0.334 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.067 min

Lab File: VX041689.D

Acq: 30 May 2024 12:56

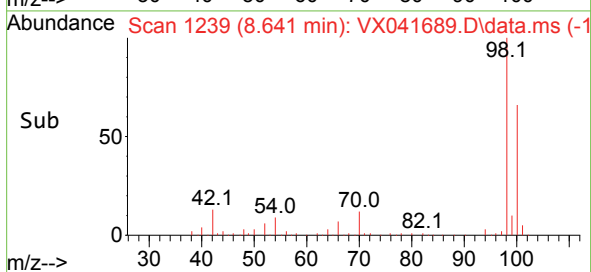
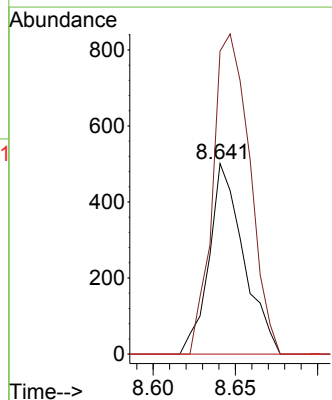
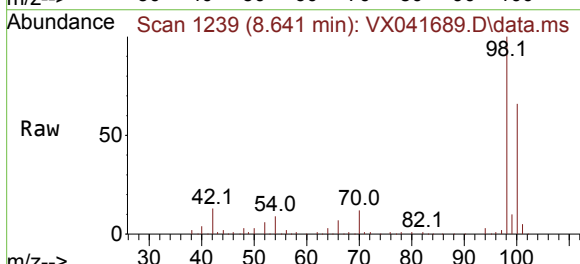
Tgt Ion: 43 Resp: 732

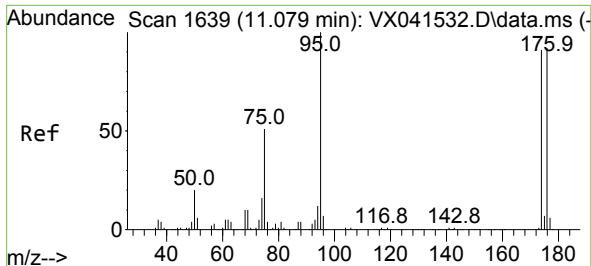
Ion Ratio Lower Upper

43 100

58 179.6 30.2 45.4#

85 0.0 14.6 21.8#

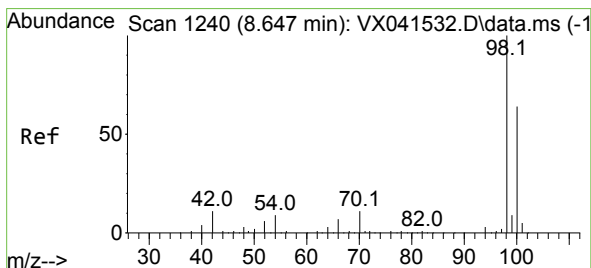
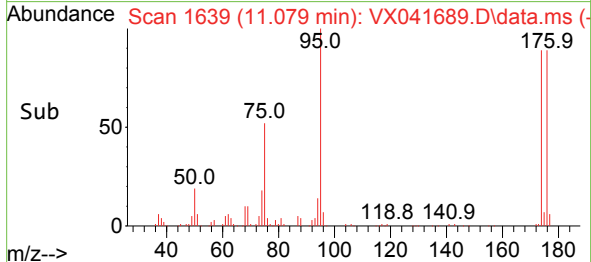
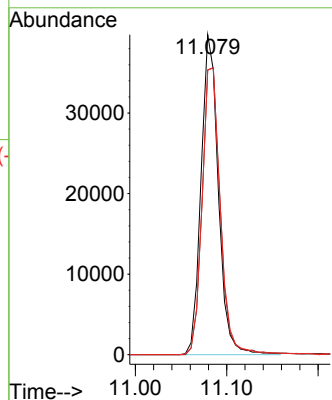
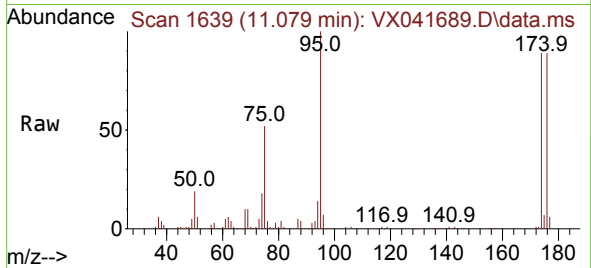




#60
4-Bromofluorobenzene
Concen: 27.837 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041689.D
Acq: 30 May 2024 12:56

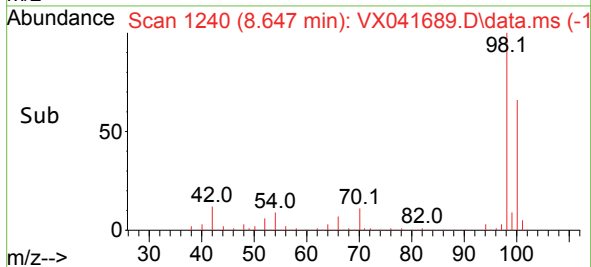
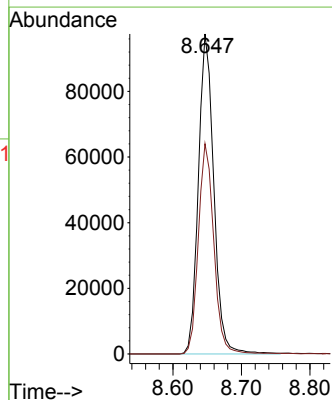
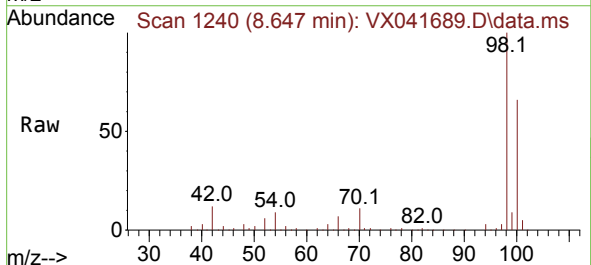
Instrument :
MSVOA_X
ClientSampleId :

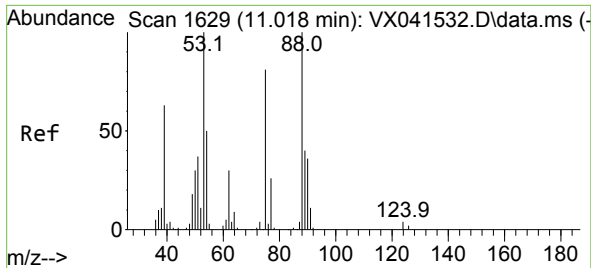
Tgt Ion: 95 Resp: 52178
Ion Ratio Lower Upper
95 100
174 93.3 76.6 115.0
176 94.3 75.4 113.0



#63
Toluene-d8
Concen: 29.722 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041689.D
Acq: 30 May 2024 12:56

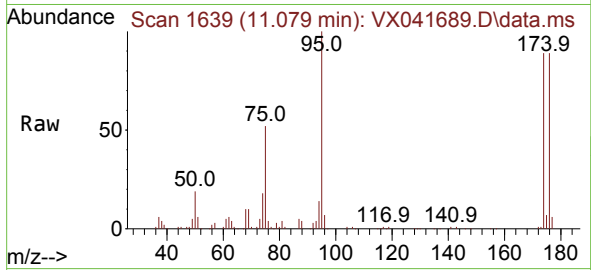
Tgt Ion: 98 Resp: 152979
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7





#77
 t-1,4-Dichloro-2-butene
 Concen: 40.761 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041689.D
 Acq: 30 May 2024 12:56

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	75	Resp:	26191
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.8	185.3#
89	0.0	24.9	74.7#

