

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051624\
 Data File : VX041565.D
 Acq On : 16 May 2024 15:52
 Operator : JC/MD
 Sample : P2507-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 17 02:40:50 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)

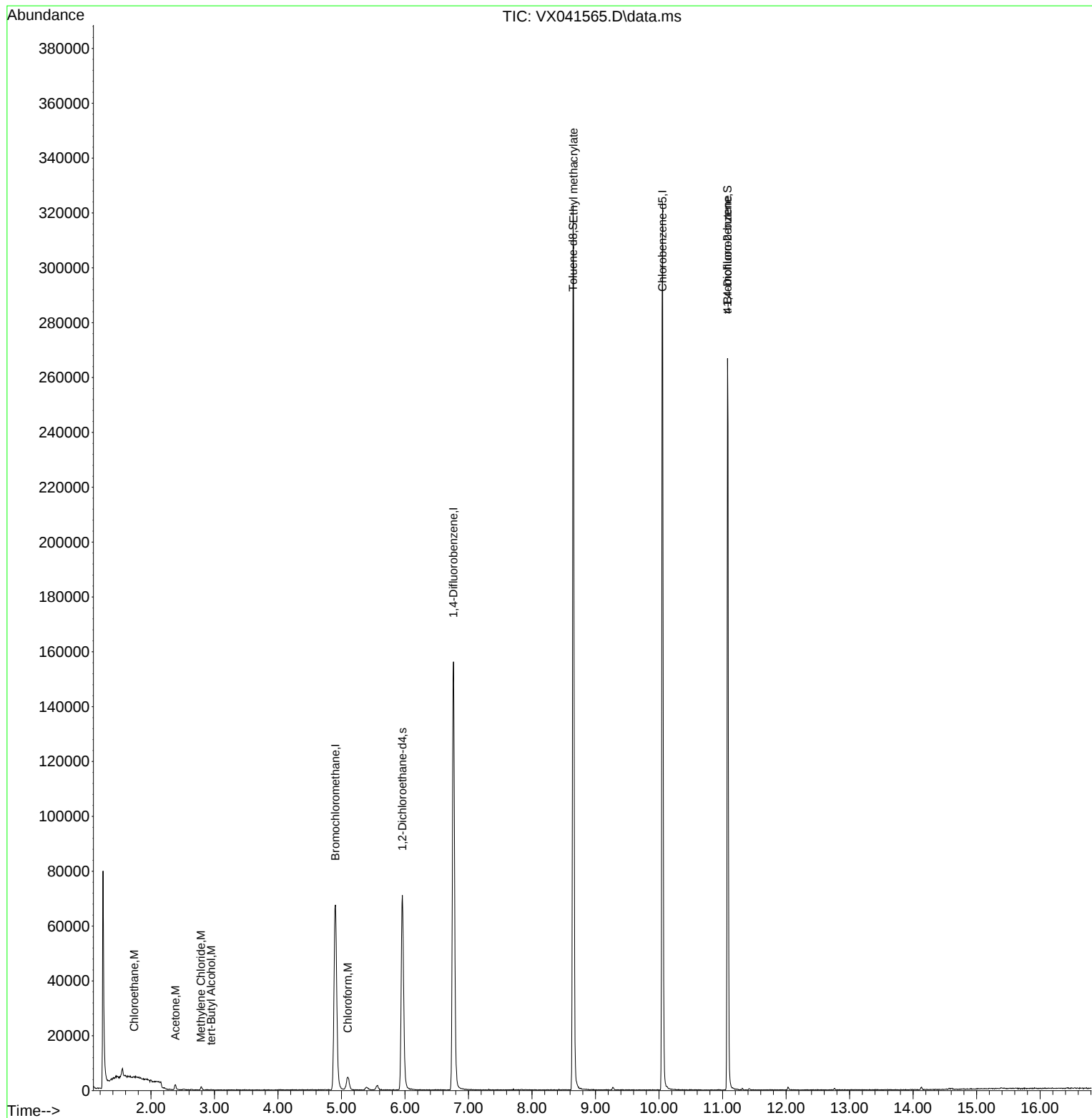
Internal Standards						
1) Bromochloromethane	4.903	128	31843	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	165603	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	152638	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	71737	28.608	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.367%
60) 4-Bromofluorobenzene	11.079	95	66631	27.963	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.200%
63) Toluene-d8	8.646	98	193061	29.507	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.367%
Target Compounds						
					Qvalue	
6) Chloroethane	1.733	64	297	0.306	ug/l #	39
15) Acetone	2.385	58	541	1.872	ug/l	69
18) Methylene Chloride	2.788	84	527	0.272	ug/l	84
23) tert-Butyl Alcohol	2.946	59	127	0.277	ug/l #	100
25) Chloroform	5.098	83	3727	1.026	ug/l	98
51) Ethyl methacrylate	8.653	69	655	0.227	ug/l #	51
77) t-1,4-Dichloro-2-butene	11.079	75	34248	41.928	ug/l #	1

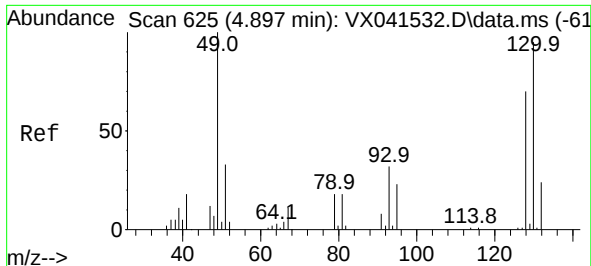
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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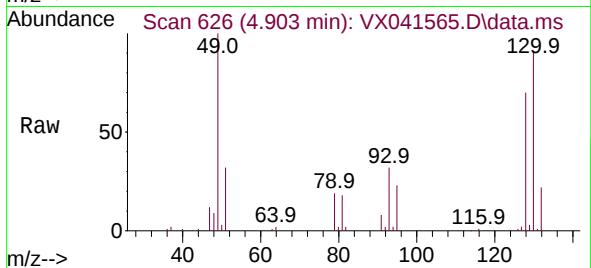
Quant Time: May 17 02:40:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 16 05:13:13 2024
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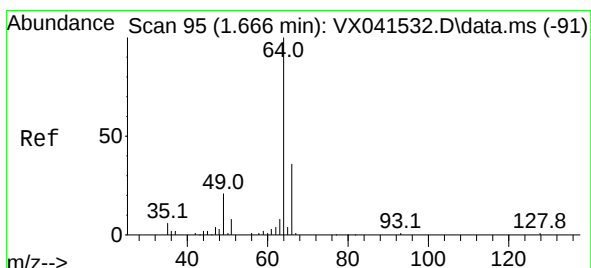
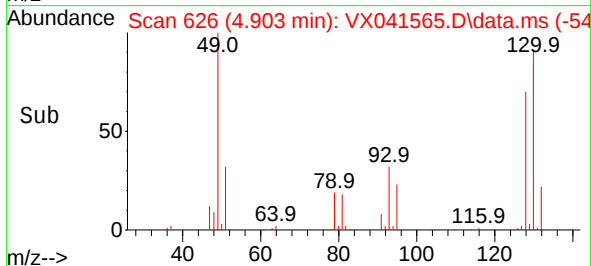
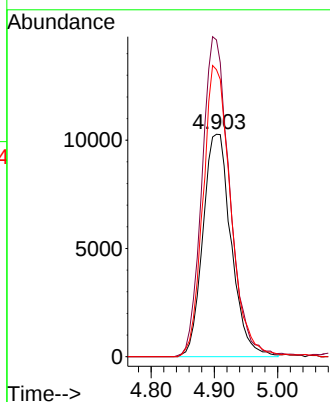


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX041565.D
Acq: 16 May 2024 15:52

Instrument :
MSVOA_X
ClientSampleId :

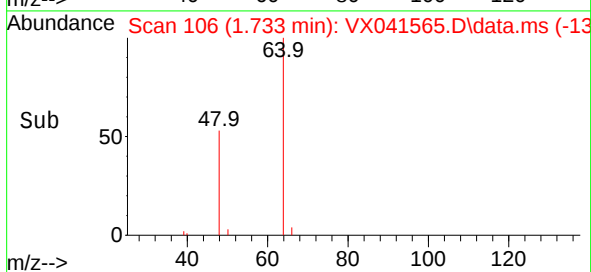
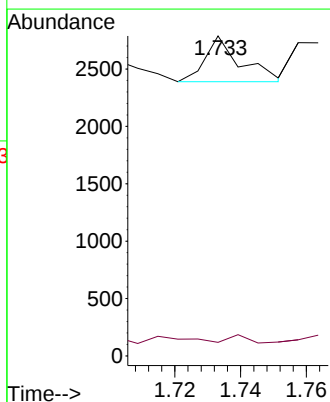
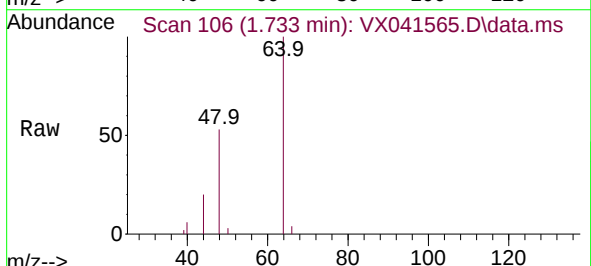


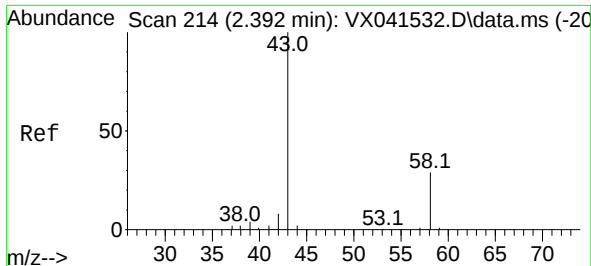
Tgt Ion:128 Resp: 31843
Ion Ratio Lower Upper
128 100
49 140.7 0.0 361.5
130 128.2 0.0 324.3



#6
Chloroethane
Concen: 0.306 ug/l
RT: 1.733 min Scan# 106
Delta R.T. 0.067 min
Lab File: VX041565.D
Acq: 16 May 2024 15:52

Tgt Ion: 64 Resp: 297
Ion Ratio Lower Upper
64 100
66 0.0 28.6 42.8#





#15

Acetone

Concen: 1.872 ug/l

RT: 2.385 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX041565.D

Acq: 16 May 2024 15:52

Instrument :

MSVOA_X

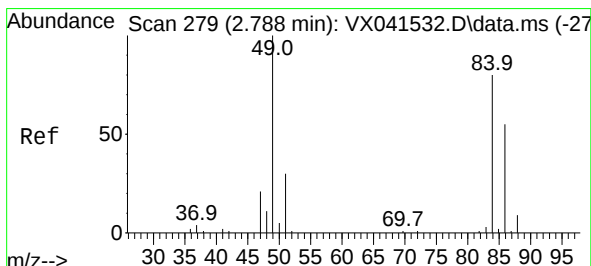
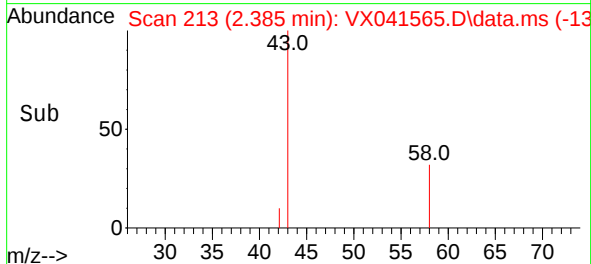
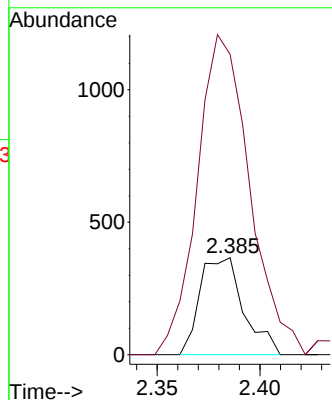
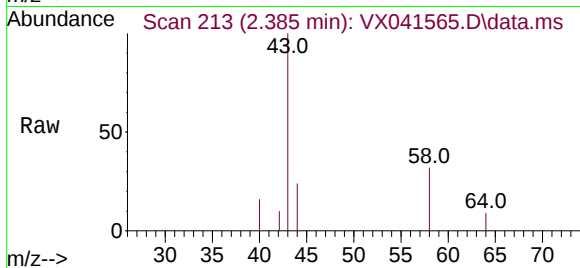
ClientSampleId :

Tgt Ion: 58 Resp: 541

Ion Ratio Lower Upper

58 100

43 276.2 274.0 411.0



#18

Methylene Chloride

Concen: 0.272 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX041565.D

Acq: 16 May 2024 15:52

Tgt Ion: 84 Resp: 527

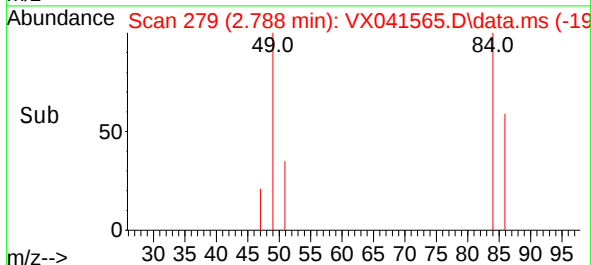
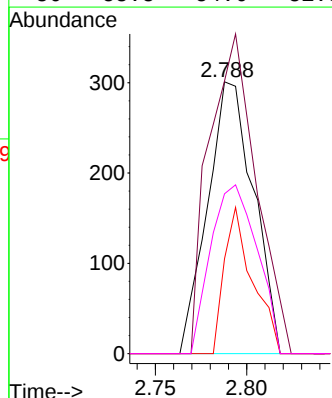
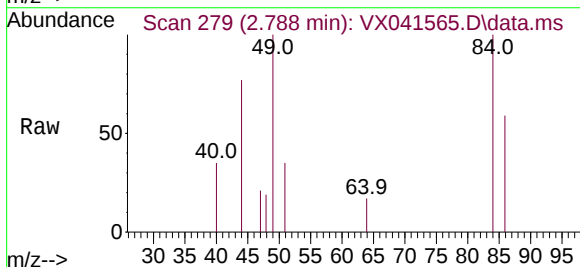
Ion Ratio Lower Upper

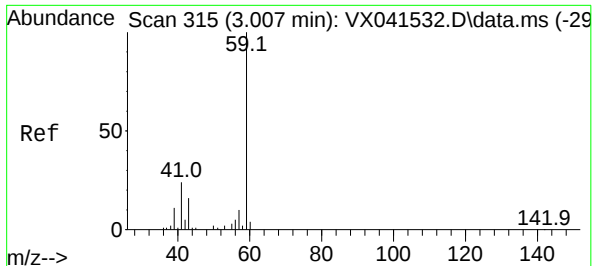
84 100

49 100.3 99.8 149.8

51 34.9 30.2 45.4

86 58.8 54.6 81.8





#23

tert-Butyl Alcohol

Concen: 0.277 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.061 min

Lab File: VX041565.D

Acq: 16 May 2024 15:52

Instrument :

MSVOA_X

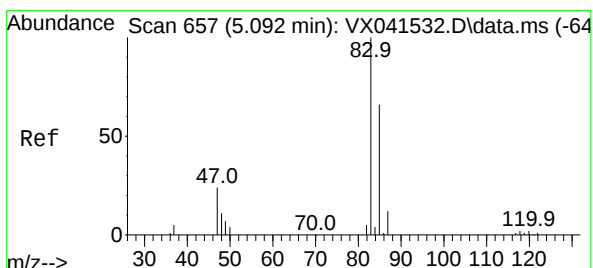
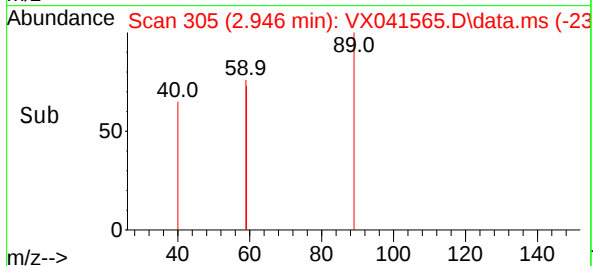
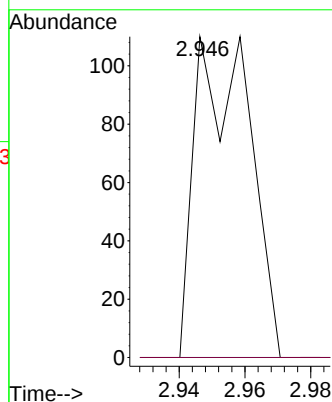
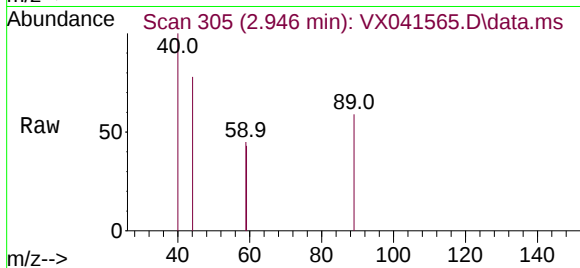
ClientSampleId :

Tgt Ion: 59 Resp: 127

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#25

Chloroform

Concen: 1.026 ug/l

RT: 5.098 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX041565.D

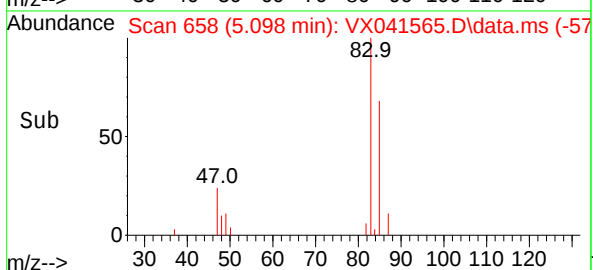
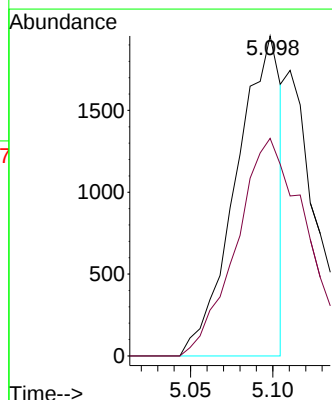
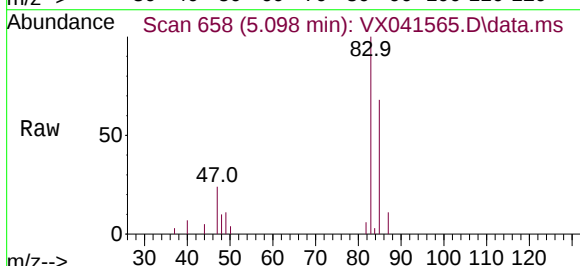
Acq: 16 May 2024 15:52

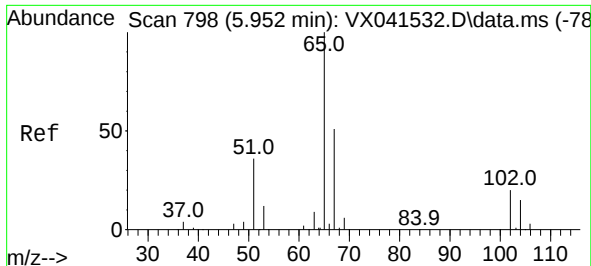
Tgt Ion: 83 Resp: 3727

Ion Ratio Lower Upper

83 100

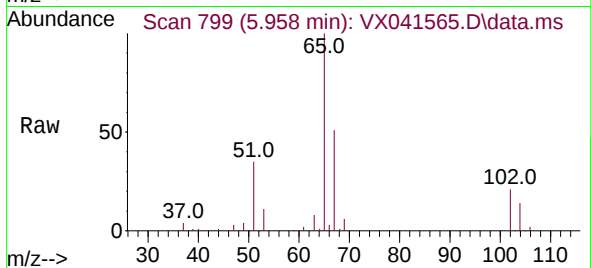
85 68.0 52.9 79.3



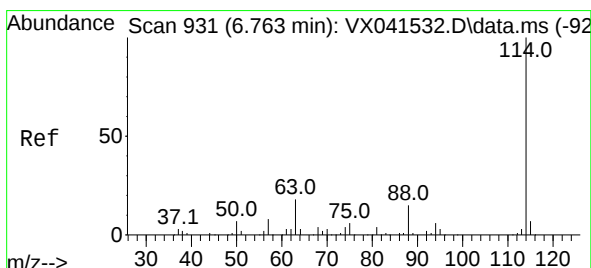
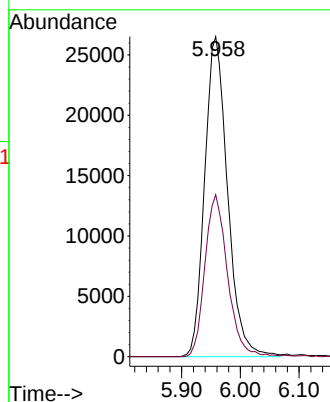
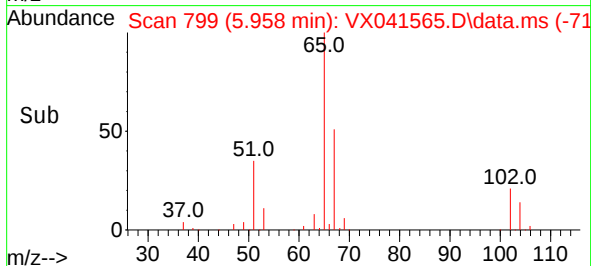


#27
1,2-Dichloroethane-d4
Concen: 28.608 ug/l
RT: 5.958 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX041565.D
Acq: 16 May 2024 15:52

Instrument :
MSVOA_X
ClientSampleId :

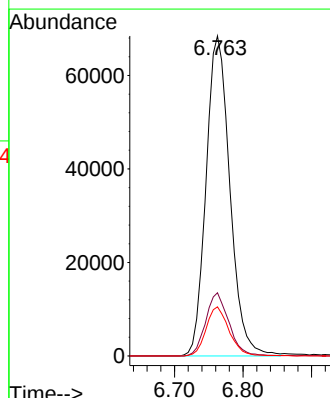
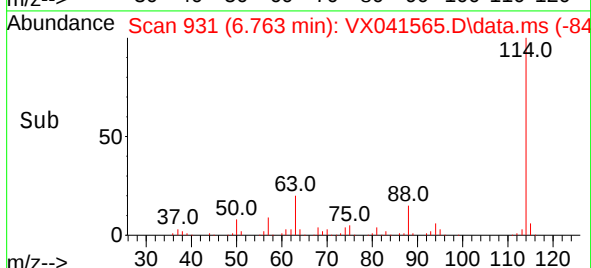
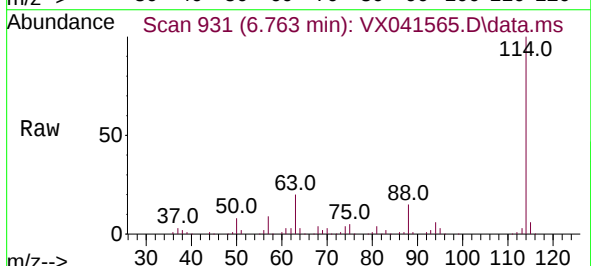


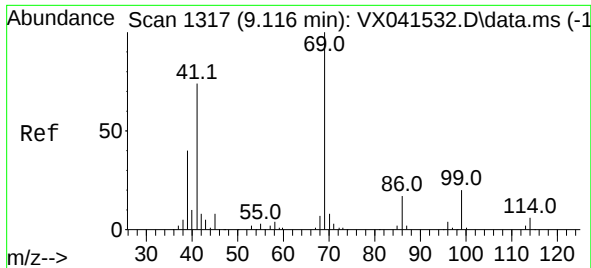
Tgt Ion: 65 Resp: 71737
Ion Ratio Lower Upper
65 100
67 49.6 40.8 61.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX041565.D
Acq: 16 May 2024 15:52

Tgt Ion: 114 Resp: 165603
Ion Ratio Lower Upper
114 100
63 19.3 15.4 23.0
88 14.9 12.2 18.2

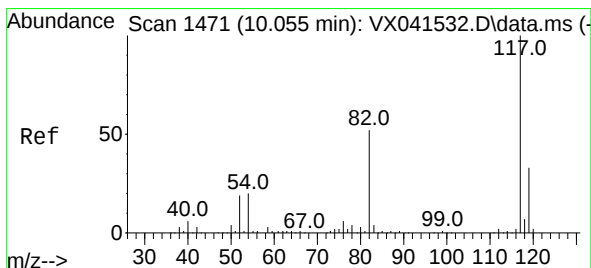
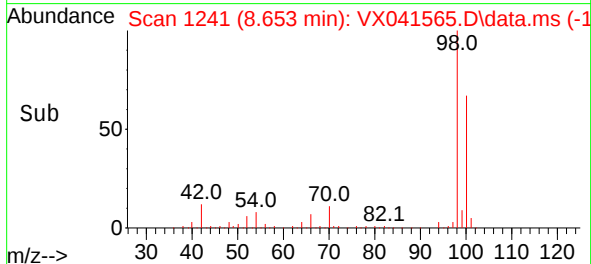
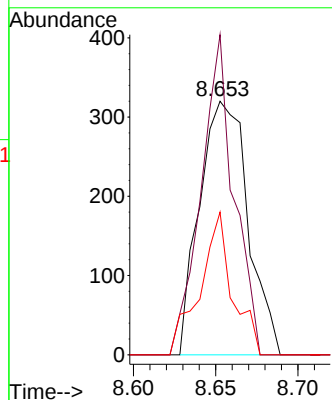
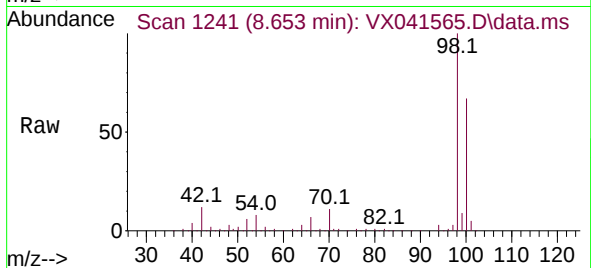




#51
Ethyl methacrylate
Concen: 0.227 ug/l
RT: 8.653 min Scan# 1411
Delta R.T. -0.463 min
Lab File: VX041565.D
Acq: 16 May 2024 15:52

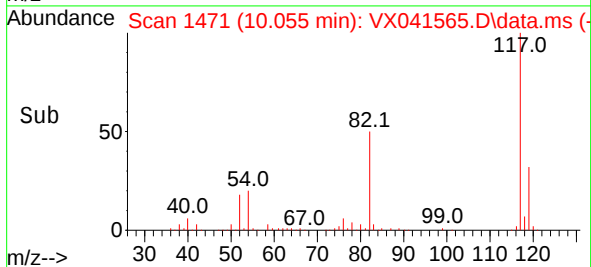
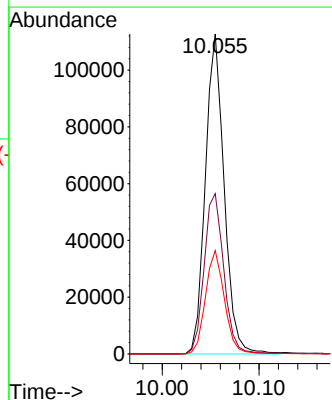
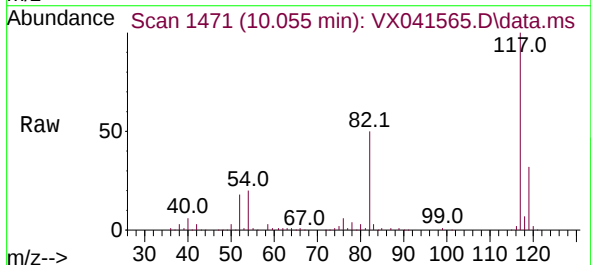
Instrument :
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ClientSampleId :

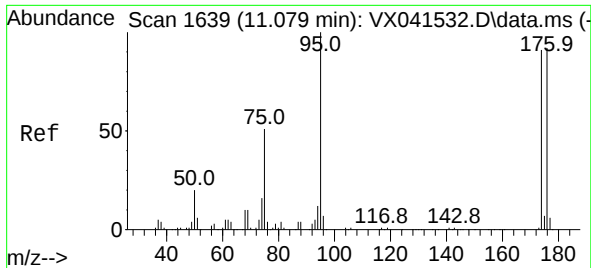
Tgt Ion: 69 Resp: 655
Ion Ratio Lower Upper
69 100
41 126.3 37.1 111.3#
39 56.3 20.2 60.6



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041565.D
Acq: 16 May 2024 15:52

Tgt Ion: 117 Resp: 152638
Ion Ratio Lower Upper
117 100
82 52.2 41.7 62.5
119 32.8 25.7 38.5

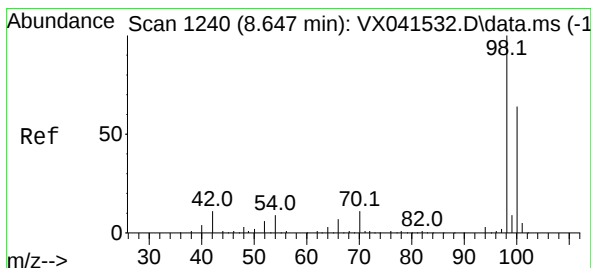
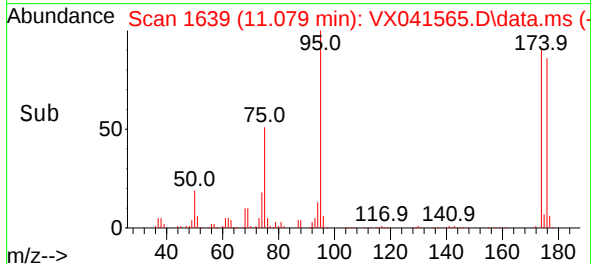
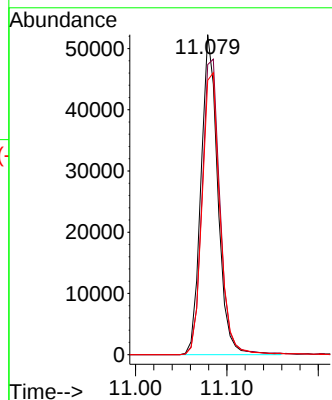
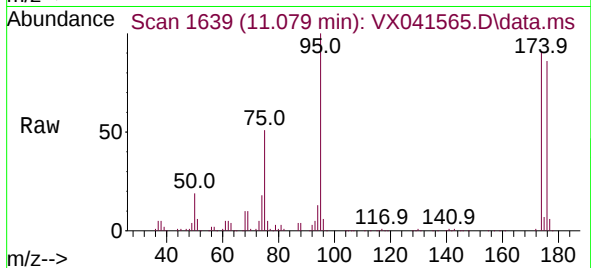




#60
4-Bromofluorobenzene
Concen: 27.963 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041565.D
Acq: 16 May 2024 15:52

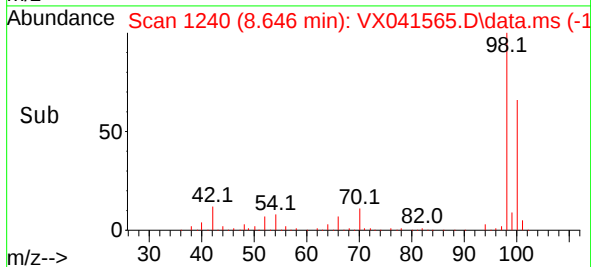
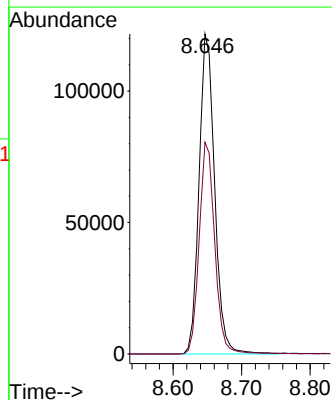
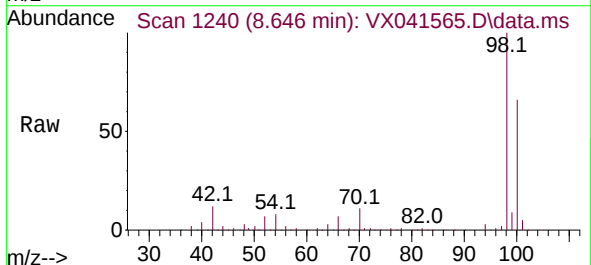
Instrument :
MSVOA_X
ClientSampleId :

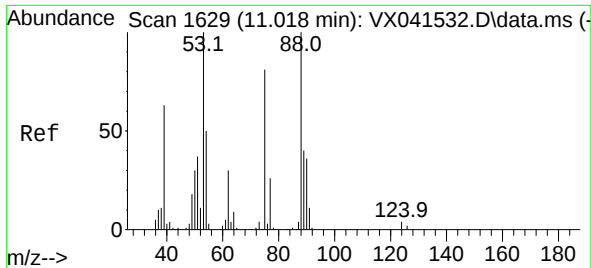
Tgt Ion: 95 Resp: 66631
Ion Ratio Lower Upper
95 100
174 97.5 76.6 115.0
176 93.4 75.4 113.0



#63
Toluene-d8
Concen: 29.507 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041565.D
Acq: 16 May 2024 15:52

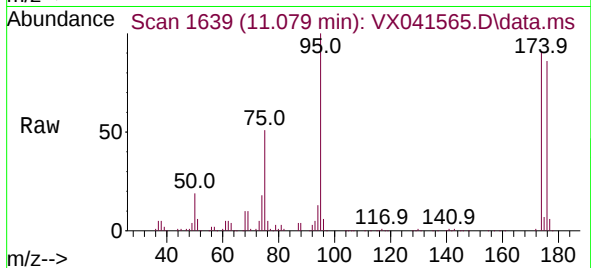
Tgt Ion: 98 Resp: 193061
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7





#77
 t-1,4-Dichloro-2-butene
 Concen: 41.928 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041565.D
 Acq: 16 May 2024 15:52

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 34248
 Ion Ratio Lower Upper
 75 100
 53 0.0 61.8 185.3#
 89 0.0 24.9 74.7#

