

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051624\
 Data File : VX041567.D
 Acq On : 16 May 2024 16:38
 Operator : JC/MD
 Sample : P2510-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 17 02:41:21 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)

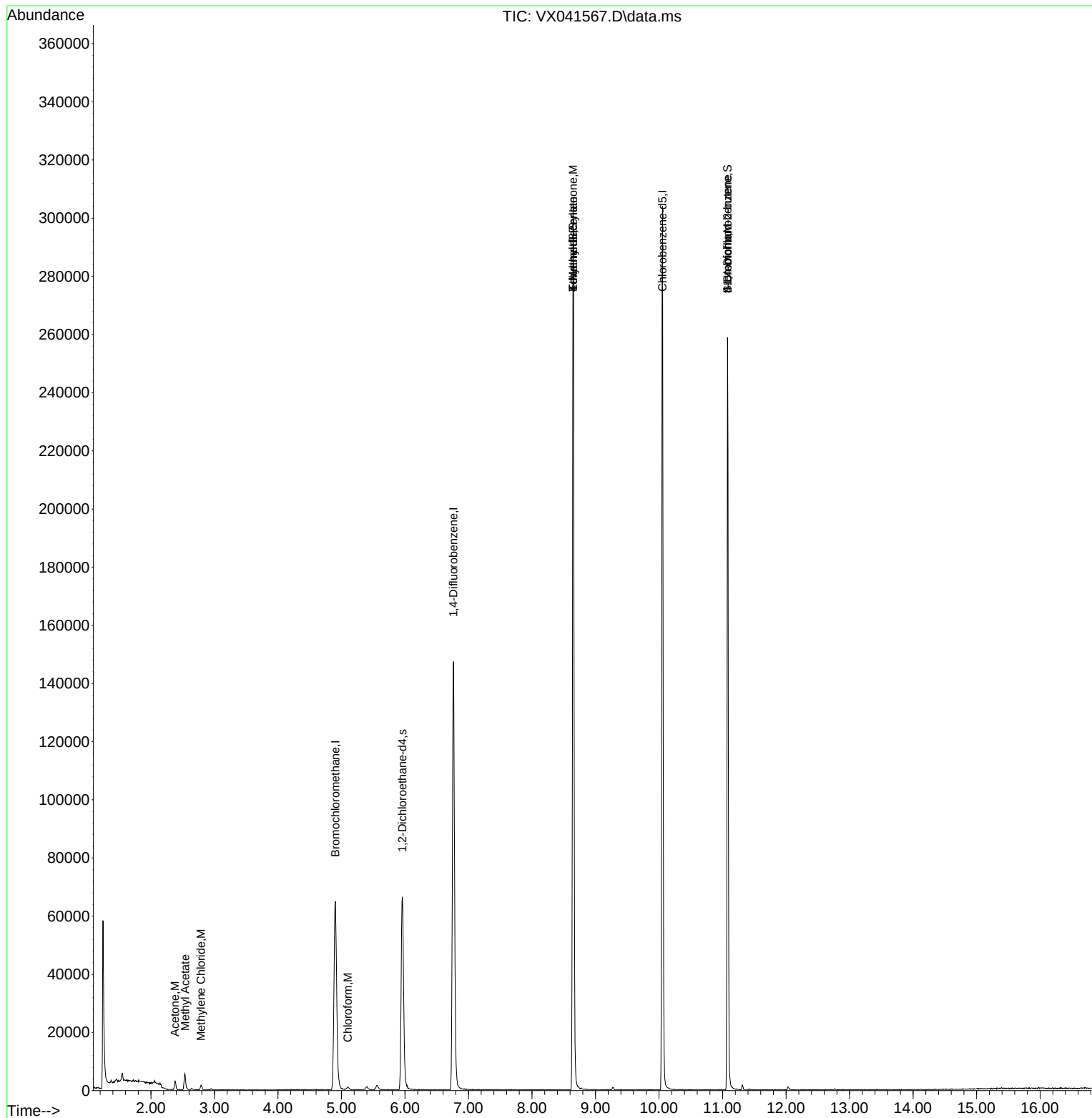
Internal Standards						
1) Bromochloromethane	4.903	128	29878	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	154456	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	143631	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	68080	28.935	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	96.433%		
60) 4-Bromofluorobenzene	11.079	95	63307	28.235	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	94.100%		
63) Toluene-d8	8.646	98	182790	29.689	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.967%		
Target Compounds						
					Qvalue	
12) Methyl Acetate	2.538	43	1857	0.807	ug/l #	50
15) Acetone	2.379	58	945	3.484	ug/l	80
18) Methylene Chloride	2.788	84	853	0.469	ug/l	84
25) Chloroform	5.098	83	1196	0.351	ug/l #	75
51) Ethyl methacrylate	8.646	69	637	0.237	ug/l	90
56) Bromoform	11.079	173	827	0.543	ug/l #	1
58) 4-Methyl-2-Pentanone	8.646	43	714	0.272	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	32035	41.678	ug/l #	1

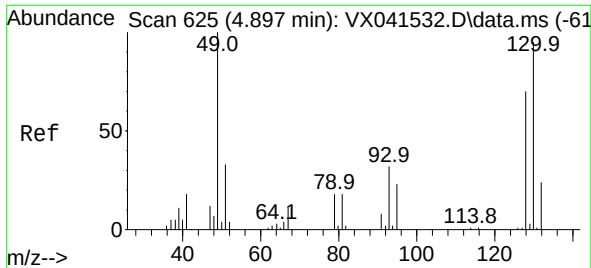
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051624\
Data File : VX041567.D
Acq On : 16 May 2024 16:38
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Sample : P2510-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

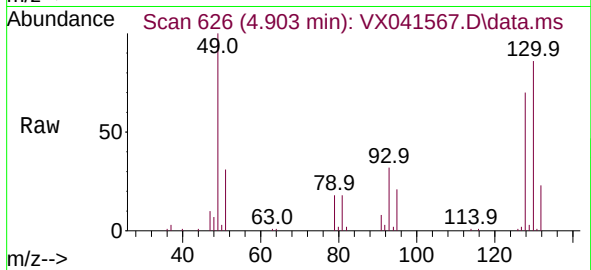
Quant Time: May 17 02:41:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 16 05:13:13 2024
Response via : Initial Calibration



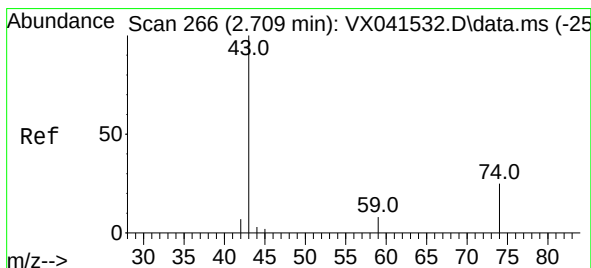
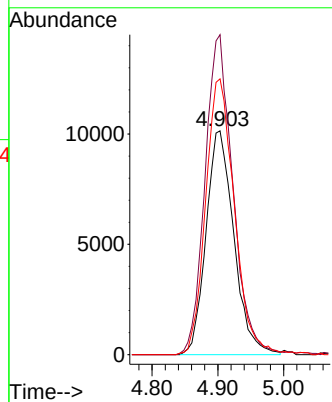
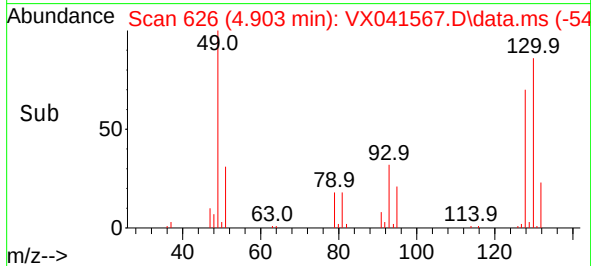


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX041567.D
Acq: 16 May 2024 16:38

Instrument :
MSVOA_X
ClientSampleId :

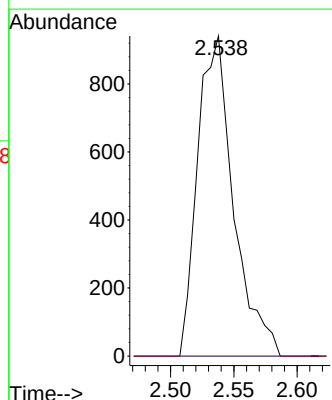
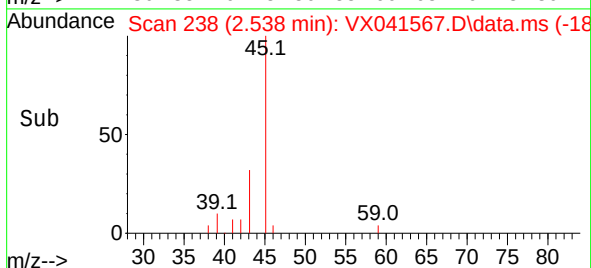
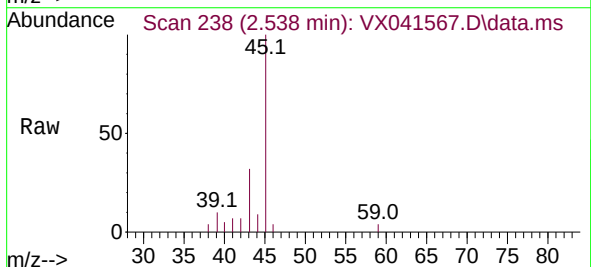


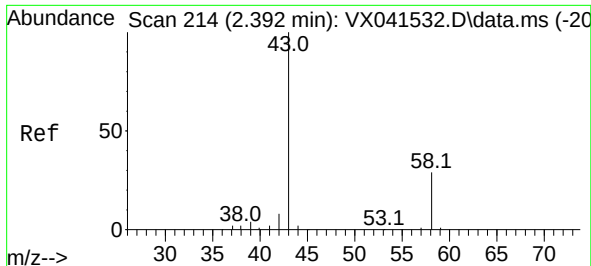
Tgt Ion:128 Resp: 29878
Ion Ratio Lower Upper
128 100
49 143.2 0.0 361.5
130 127.6 0.0 324.3



#12
Methyl Acetate
Concen: 0.807 ug/l
RT: 2.538 min Scan# 238
Delta R.T. -0.171 min
Lab File: VX041567.D
Acq: 16 May 2024 16:38

Tgt Ion: 43 Resp: 1857
Ion Ratio Lower Upper
43 100
74 0.0 19.9 29.9#

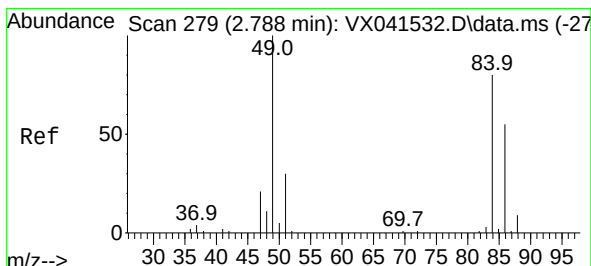
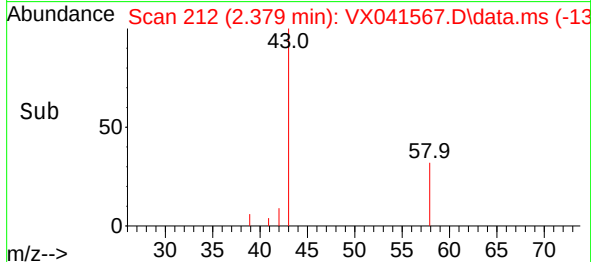
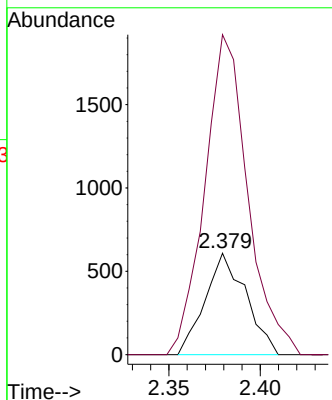
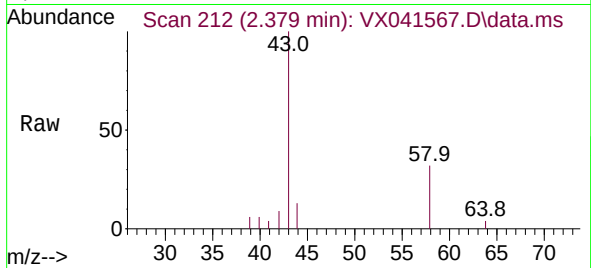




#15
Acetone
Concen: 3.484 ug/l
RT: 2.379 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX041567.D
Acq: 16 May 2024 16:38

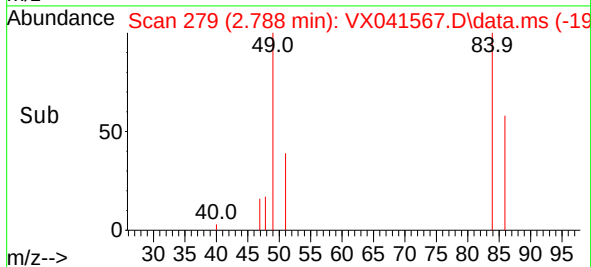
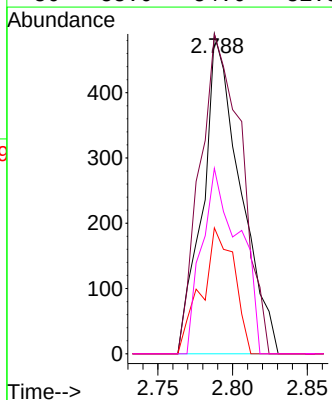
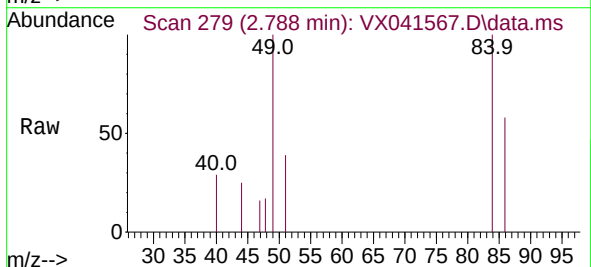
Instrument :
MSVOA_X
ClientSampleId :

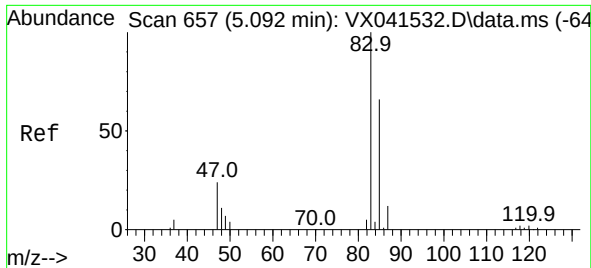
Tgt Ion: 58 Resp: 945
Ion Ratio Lower Upper
58 100
43 299.3 274.0 411.0



#18
Methylene Chloride
Concen: 0.469 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX041567.D
Acq: 16 May 2024 16:38

Tgt Ion: 84 Resp: 853
Ion Ratio Lower Upper
84 100
49 100.0 99.8 149.8
51 39.4 30.2 45.4
86 58.0 54.6 81.8





#25

Chloroform

Concen: 0.351 ug/l

RT: 5.098 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX041567.D

Acq: 16 May 2024 16:38

Instrument :

MSVOA_X

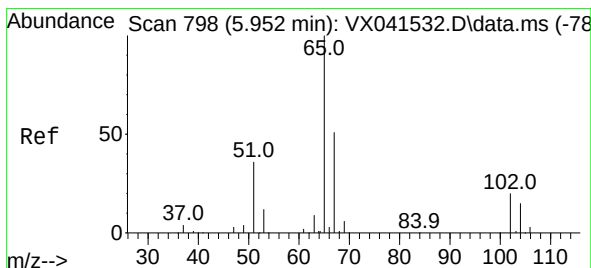
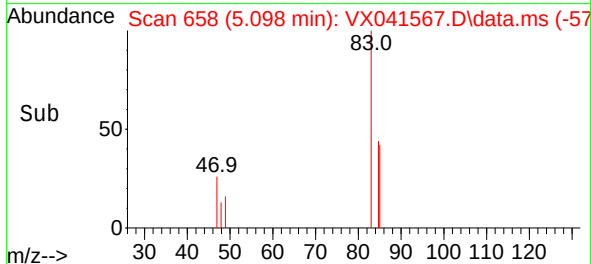
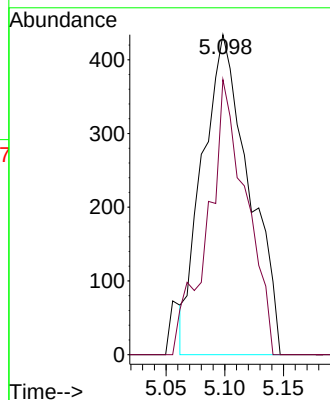
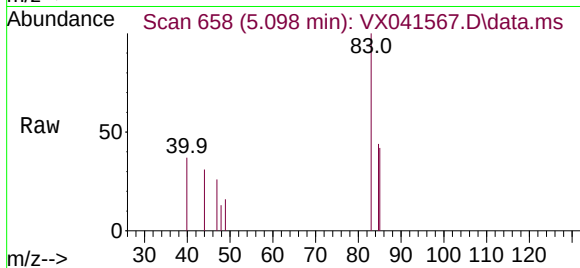
ClientSampleId :

Tgt Ion: 83 Resp: 1196

Ion Ratio Lower Upper

83 100

85 85.9 52.9 79.3#



#27

1,2-Dichloroethane-d4

Concen: 28.935 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX041567.D

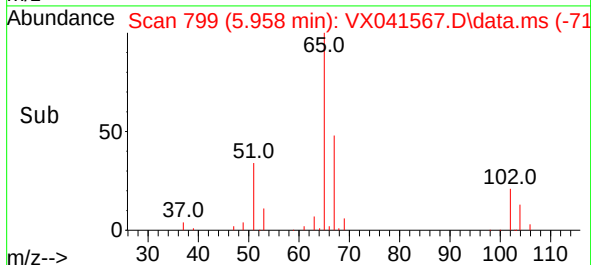
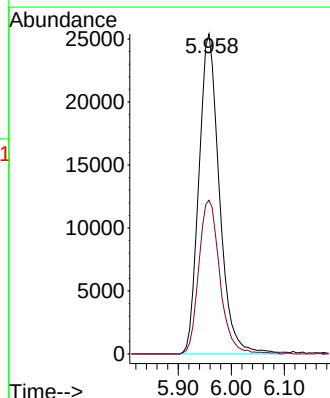
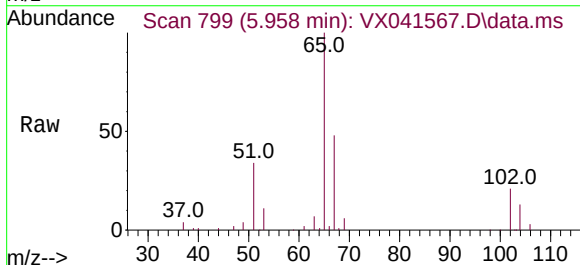
Acq: 16 May 2024 16:38

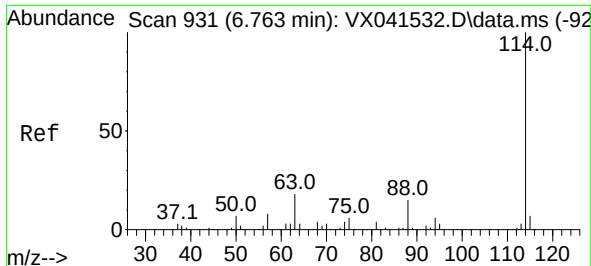
Tgt Ion: 65 Resp: 68080

Ion Ratio Lower Upper

65 100

67 49.0 40.8 61.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX041567.D

Acq: 16 May 2024 16:38

Instrument :

MSVOA_X

ClientSampleId :

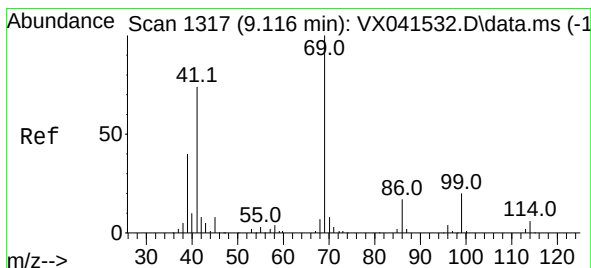
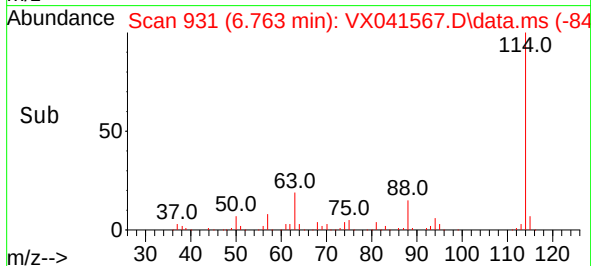
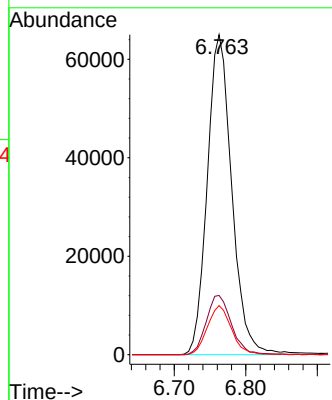
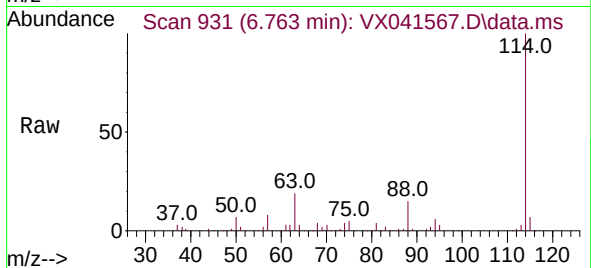
Tgt Ion:114 Resp: 154456

Ion Ratio Lower Upper

114 100

63 19.1 15.4 23.0

88 15.1 12.2 18.2



#51

Ethyl methacrylate

Concen: 0.237 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.470 min

Lab File: VX041567.D

Acq: 16 May 2024 16:38

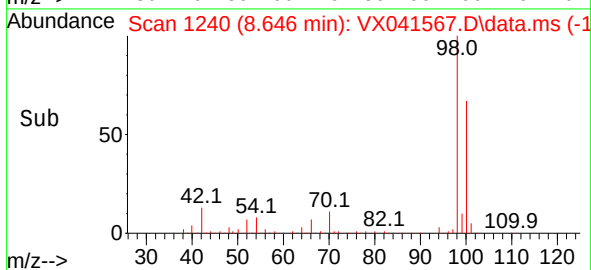
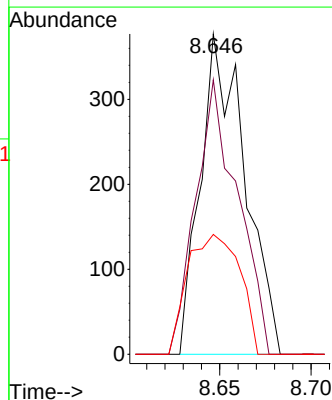
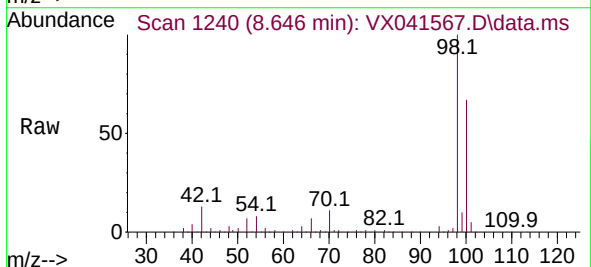
Tgt Ion: 69 Resp: 637

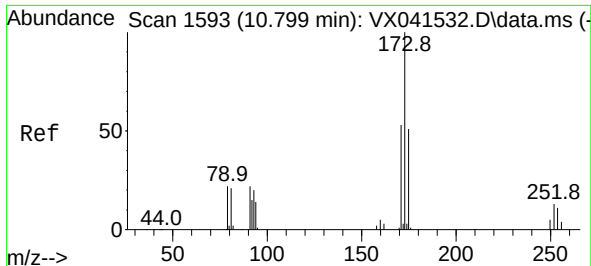
Ion Ratio Lower Upper

69 100

41 85.7 37.1 111.3

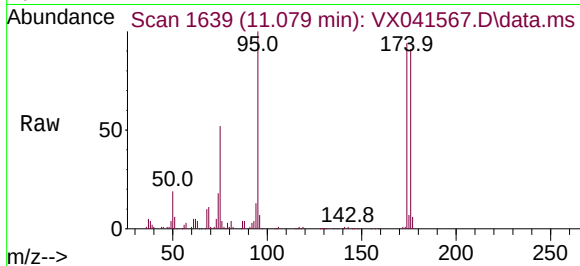
39 37.4 20.2 60.6



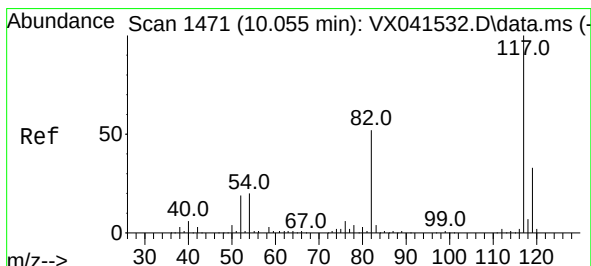
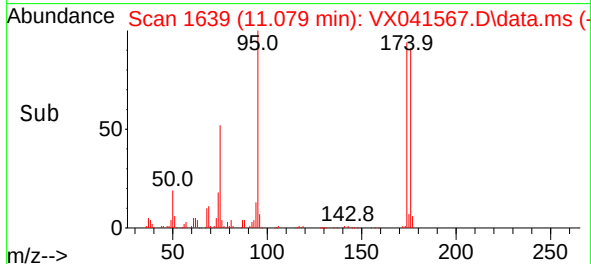
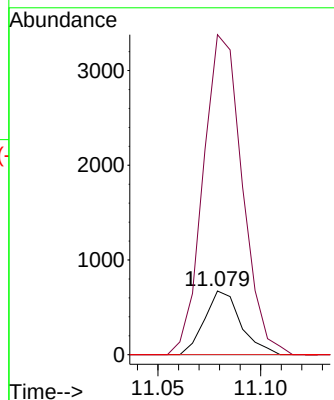


#56
Bromoform
Concen: 0.543 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.280 min
Lab File: VX041567.D
Acq: 16 May 2024 16:38

Instrument :
MSVOA_X
ClientSampleId :

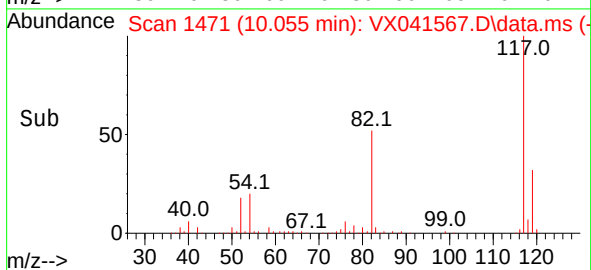
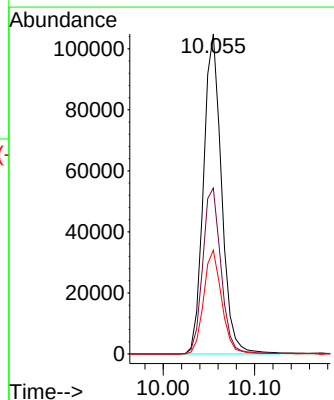
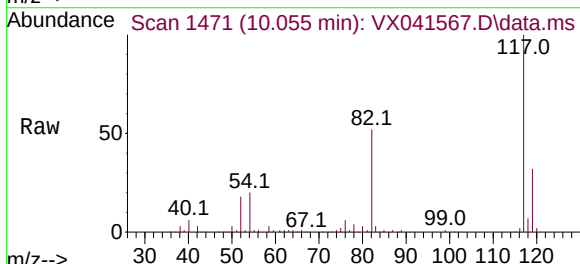


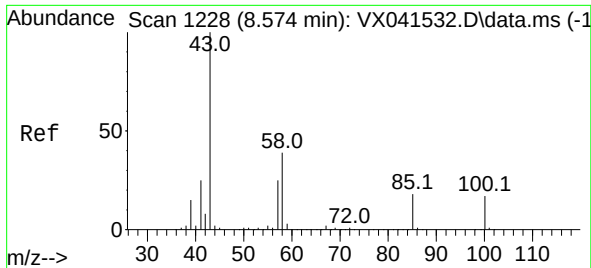
Tgt Ion:173 Resp: 827
Ion Ratio Lower Upper
173 100
175 541.8 39.0 58.6#
254 0.0 10.3 15.5#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041567.D
Acq: 16 May 2024 16:38

Tgt Ion:117 Resp: 143631
Ion Ratio Lower Upper
117 100
82 52.6 41.7 62.5
119 32.6 25.7 38.5





#58

4-Methyl-2-Pentanone

Concen: 0.272 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX041567.D

Acq: 16 May 2024 16:38

Instrument :

MSVOA_X

ClientSampleId :

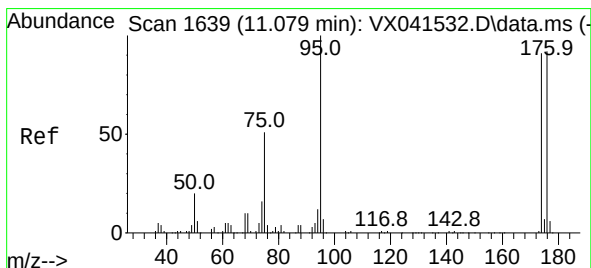
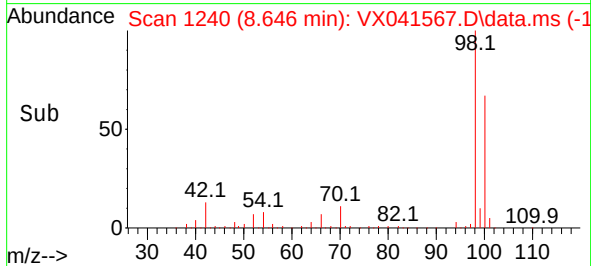
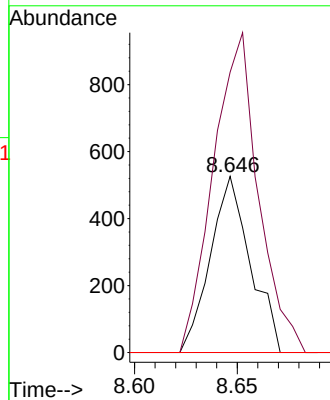
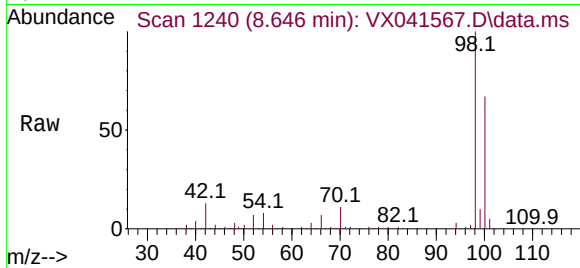
Tgt Ion: 43 Resp: 714

Ion Ratio Lower Upper

43 100

58 204.5 30.2 45.4#

85 0.0 14.6 21.8#



#60

4-Bromofluorobenzene

Concen: 28.235 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX041567.D

Acq: 16 May 2024 16:38

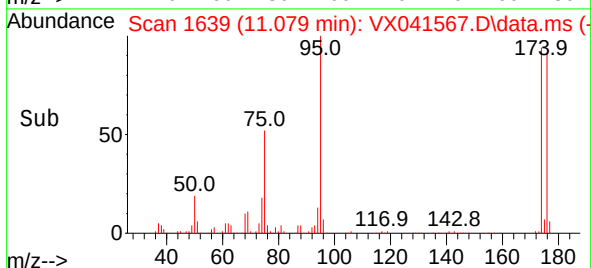
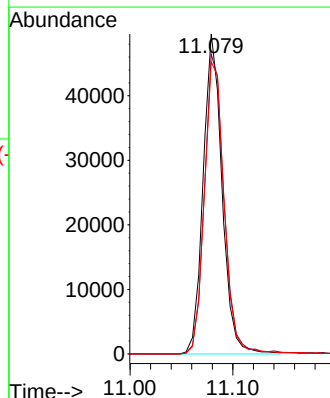
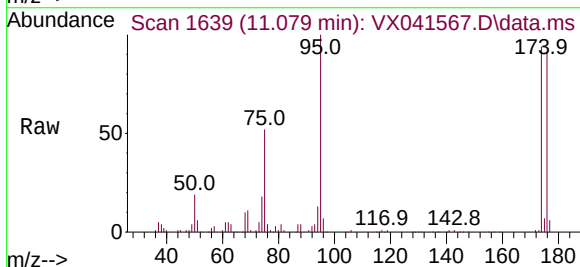
Tgt Ion: 95 Resp: 63307

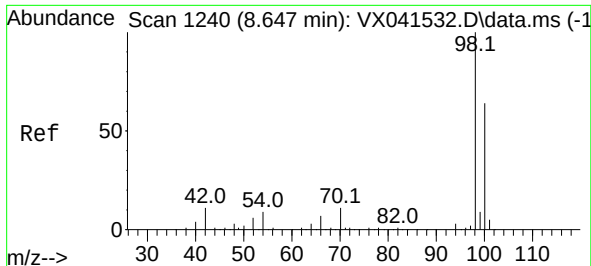
Ion Ratio Lower Upper

95 100

174 96.4 76.6 115.0

176 95.9 75.4 113.0

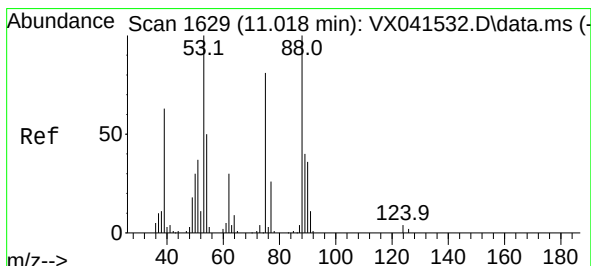
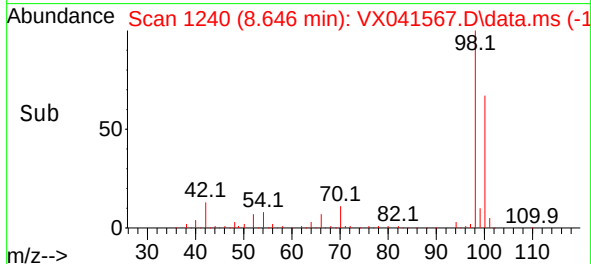
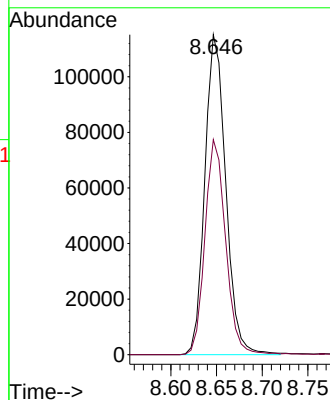
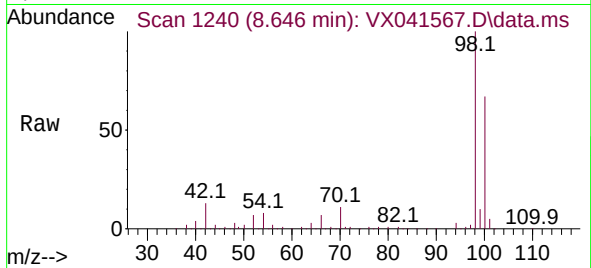




#63
Toluene-d8
Concen: 29.689 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041567.D
Acq: 16 May 2024 16:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 182790
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#77
t-1,4-Dichloro-2-butene
Concen: 41.678 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041567.D
Acq: 16 May 2024 16:38

Tgt Ion: 75 Resp: 32035
Ion Ratio Lower Upper
75 100
53 0.0 61.8 185.3#
89 0.0 24.9 74.7#

