

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052124\
 Data File : VX041584.D
 Acq On : 21 May 2024 13:15
 Operator : JC/MD
 Sample : P2545-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240515007-02

Quant Time: May 22 02:54:16 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)

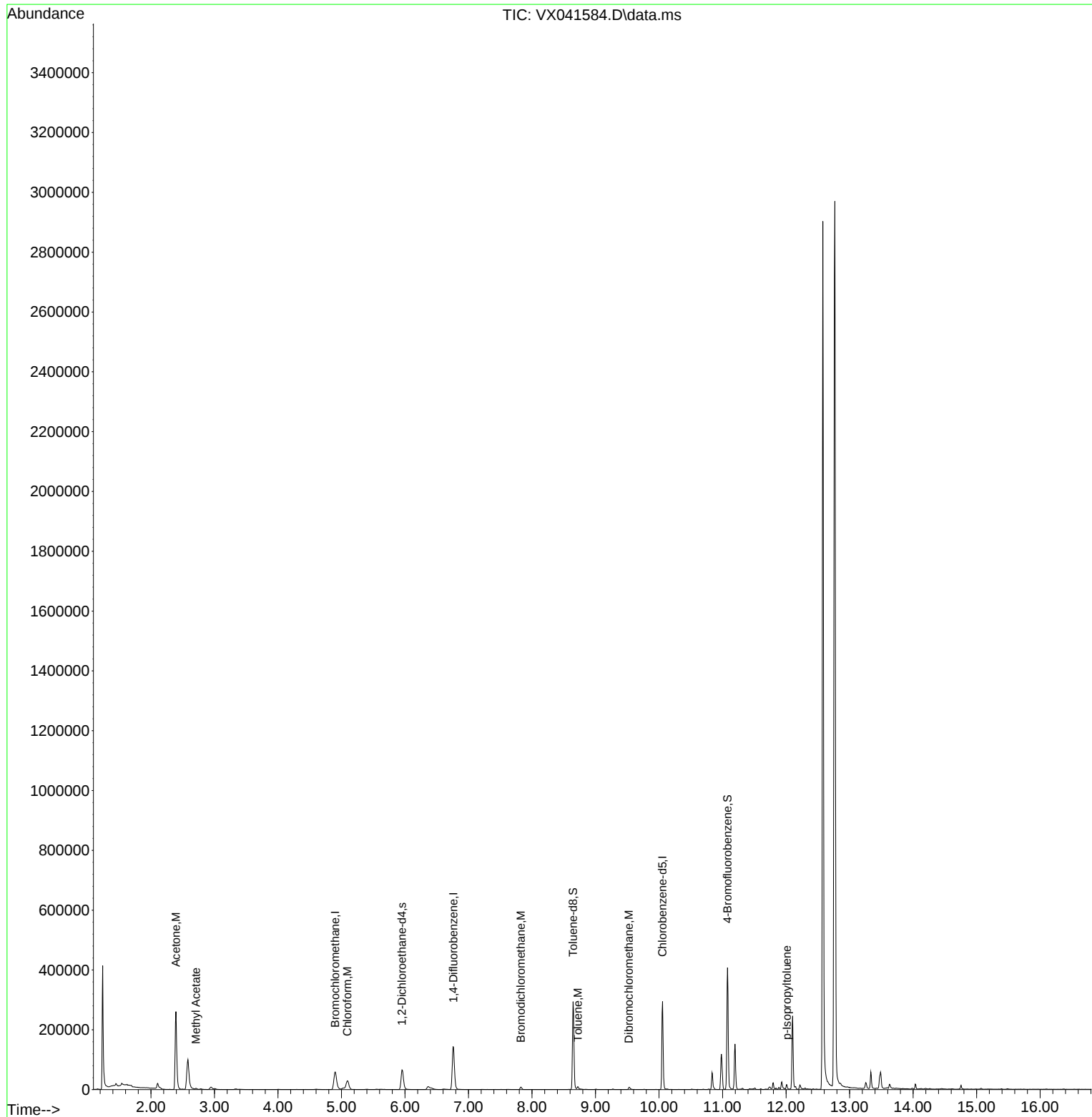
Internal Standards						
1) Bromochloromethane	4.897	128	28095	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	155647	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	141160	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	66848	30.214	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.700%
60) 4-Bromofluorobenzene	11.079	95	66876	30.348	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.167%
63) Toluene-d8	8.647	98	177435	29.323	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.733%
Target Compounds						
					Qvalue	
12) Methyl Acetate	2.709	43	3855	1.781	ug/l	93
15) Acetone	2.392	58	85070	333.585	ug/l	98
25) Chloroform	5.092	83	35558	11.096	ug/l	94
41) Bromodichloromethane	7.824	83	5875	2.587	ug/l #	99
53) Dibromochloromethane	9.525	129	1572	0.821	ug/l	98
62) Toluene	8.720	91	6188	0.881	ug/l	97
82) p-Isopropyltoluene	12.012	119	7478	1.037	ug/l	98

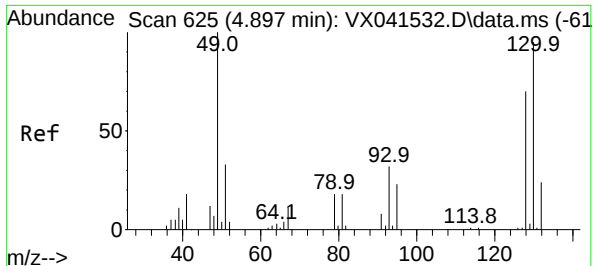
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240515007-02

Quant Time: May 22 02:54:16 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

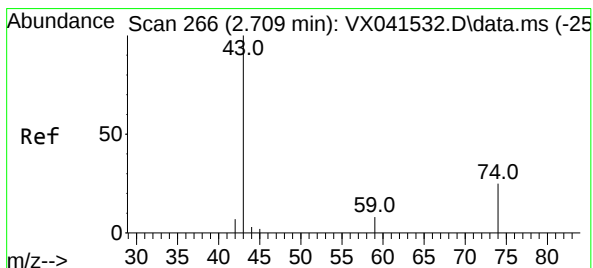
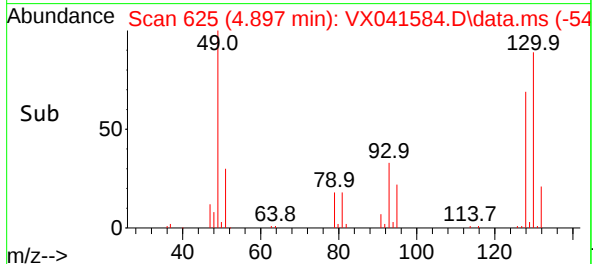
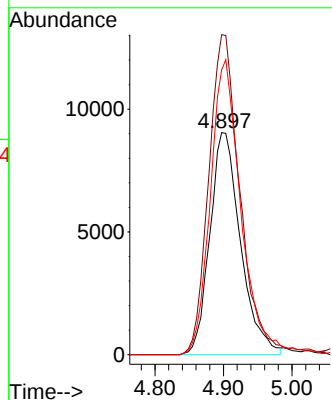
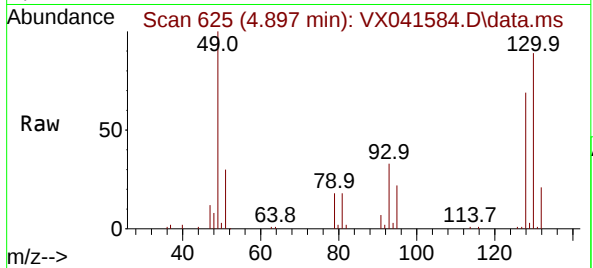




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041584.D
Acq: 21 May 2024 13:15

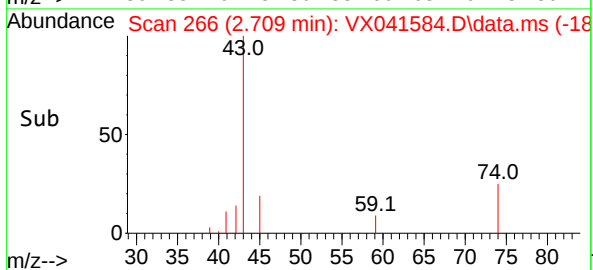
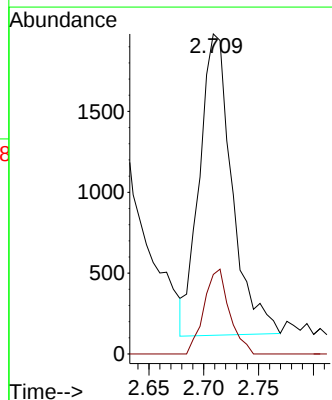
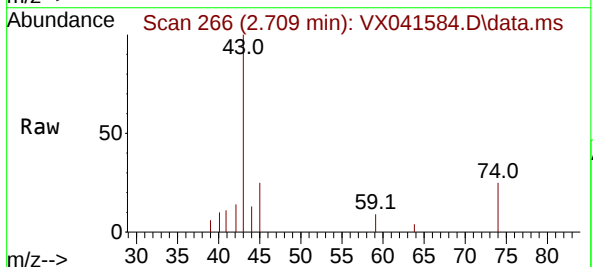
Instrument :
MSVOA_X
ClientSampleId :
240515007-02

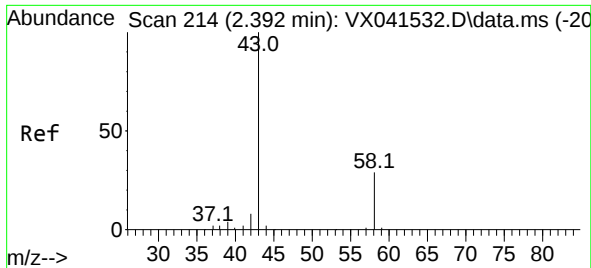
Tgt Ion	Ratio	Lower	Upper
128	100		
49	147.2	0.0	361.5
130	131.7	0.0	324.3



#12
Methyl Acetate
Concen: 1.781 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX041584.D
Acq: 21 May 2024 13:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.2	19.9	29.9

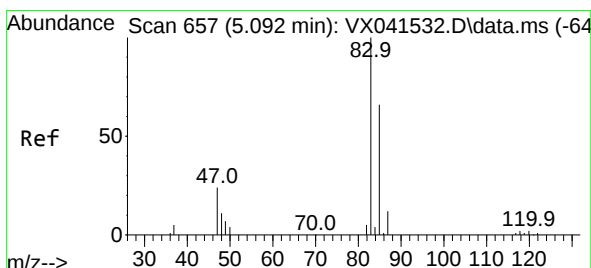
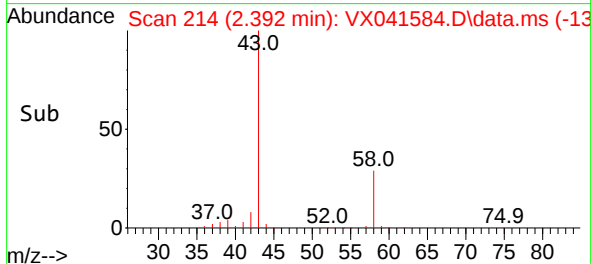
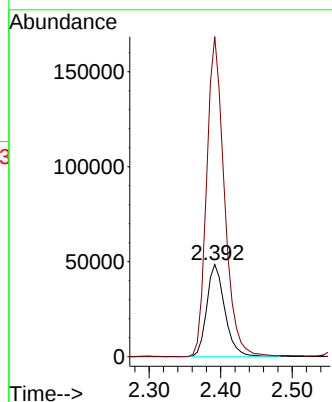
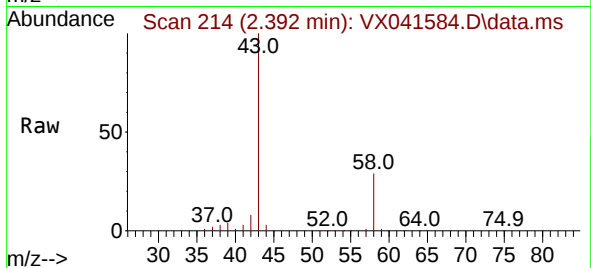




#15
Acetone
Concen: 333.585 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041584.D
Acq: 21 May 2024 13:15

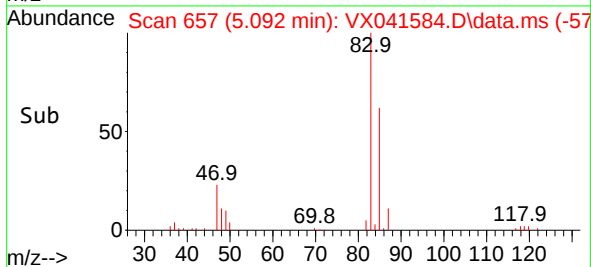
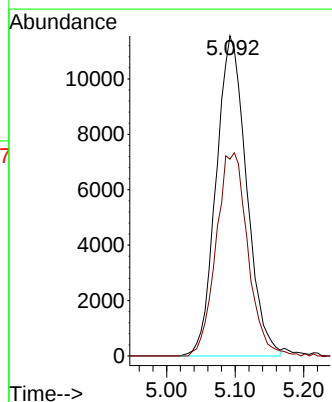
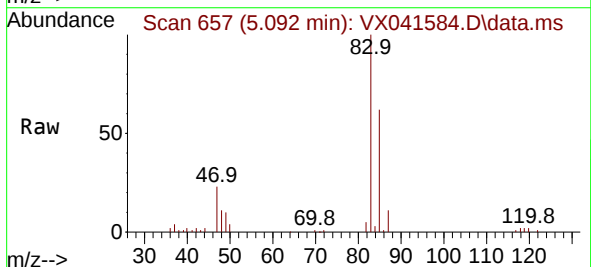
Instrument :
MSVOA_X
ClientSampleId :
240515007-02

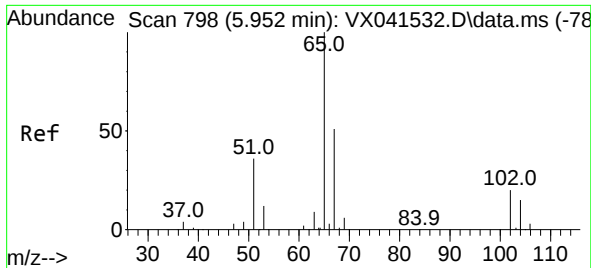
Tgt Ion: 58 Resp: 85070
Ion Ratio Lower Upper
58 100
43 347.0 274.0 411.0



#25
Chloroform
Concen: 11.096 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX041584.D
Acq: 21 May 2024 13:15

Tgt Ion: 83 Resp: 35558
Ion Ratio Lower Upper
83 100
85 61.5 52.9 79.3

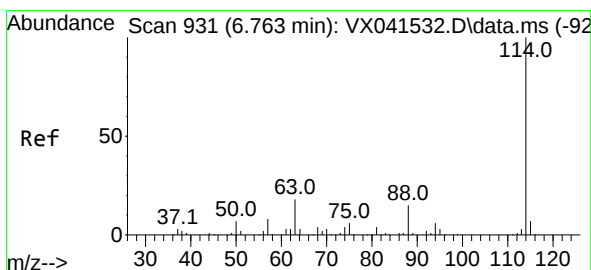
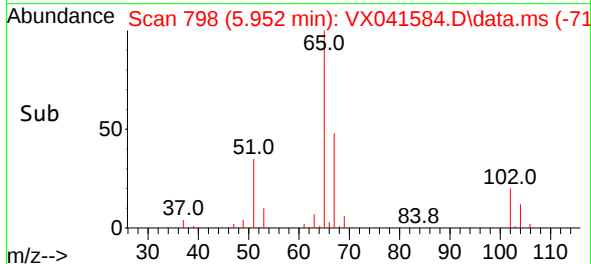
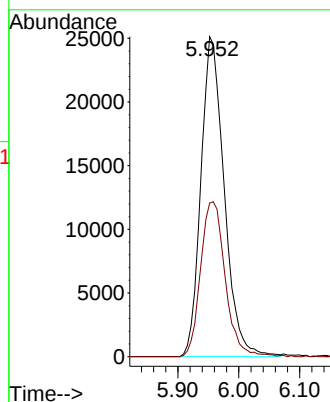
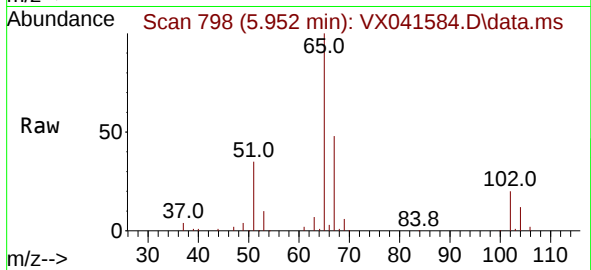




#27
 1,2-Dichloroethane-d4
 Concen: 30.214 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX041584.D
 Acq: 21 May 2024 13:15

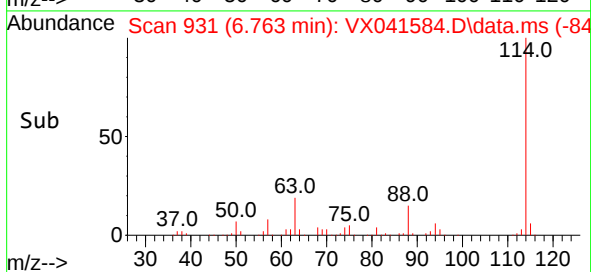
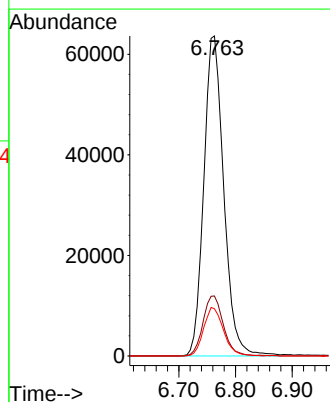
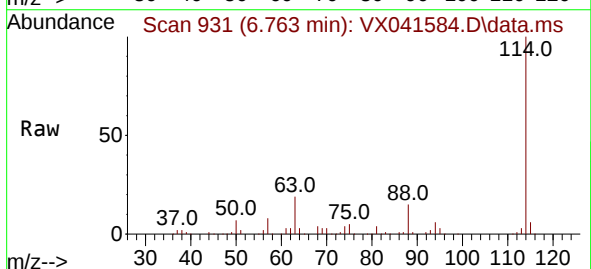
Instrument :
 MSVOA_X
 ClientSampleId :
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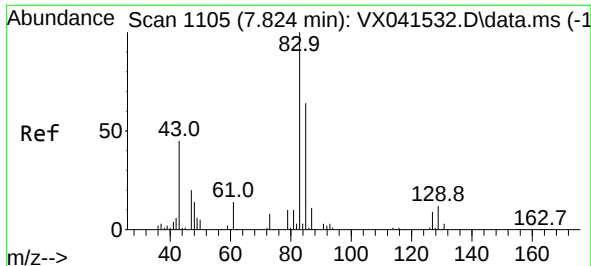
Tgt Ion: 65 Resp: 66848
 Ion Ratio Lower Upper
 65 100
 67 50.7 40.8 61.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX041584.D
 Acq: 21 May 2024 13:15

Tgt Ion: 114 Resp: 155647
 Ion Ratio Lower Upper
 114 100
 63 19.1 15.4 23.0
 88 15.0 12.2 18.2

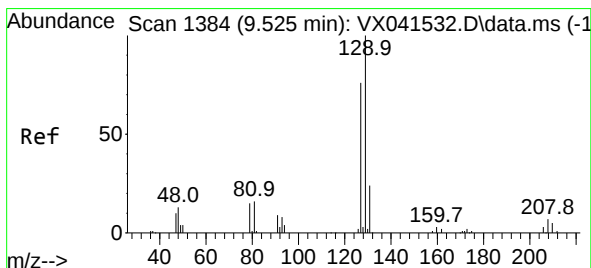
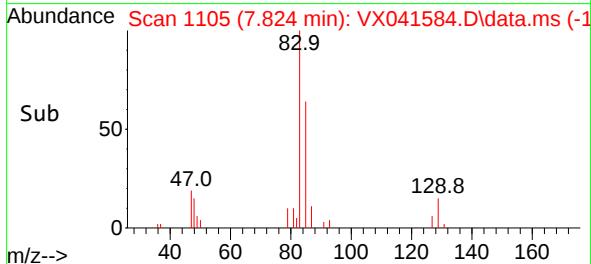
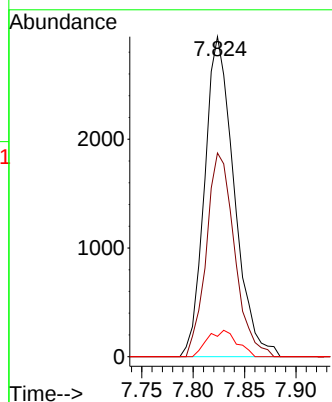
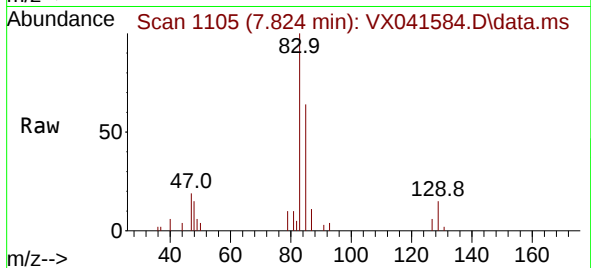




#41
Bromodichloromethane
Concen: 2.587 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX041584.D
Acq: 21 May 2024 13:15

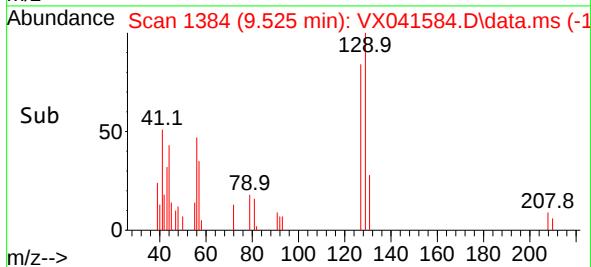
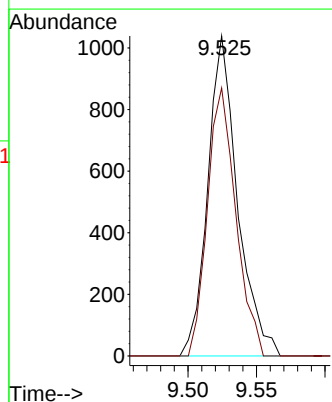
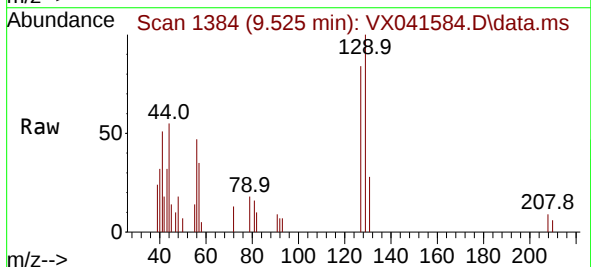
Instrument :
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ClientSampleId :
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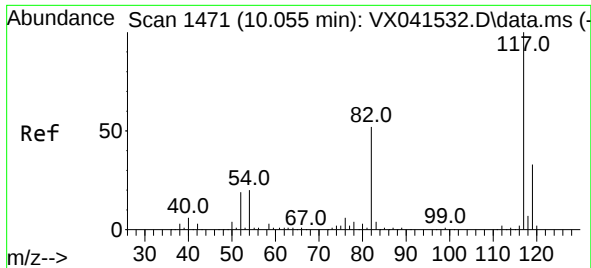
Tgt Ion: 83 Resp: 5875
Ion Ratio Lower Upper
83 100
85 63.6 51.0 76.4
127 6.4 7.1 10.7#



#53
Dibromochloromethane
Concen: 0.821 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX041584.D
Acq: 21 May 2024 13:15

Tgt Ion: 129 Resp: 1572
Ion Ratio Lower Upper
129 100
127 79.8 38.9 116.7

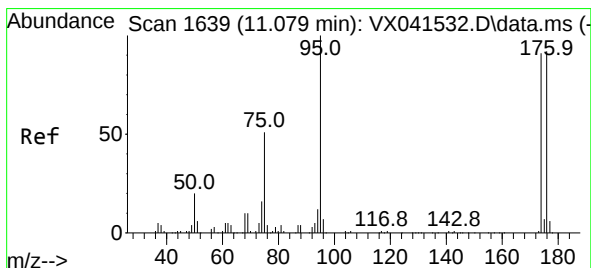
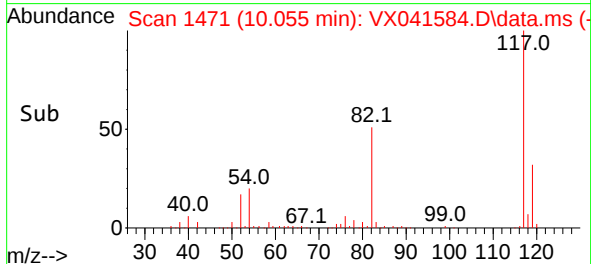
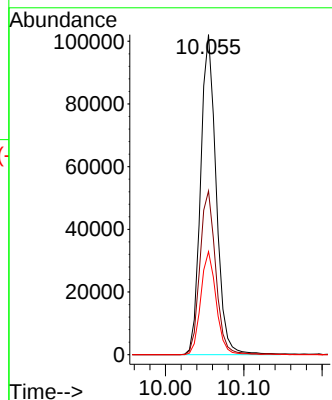
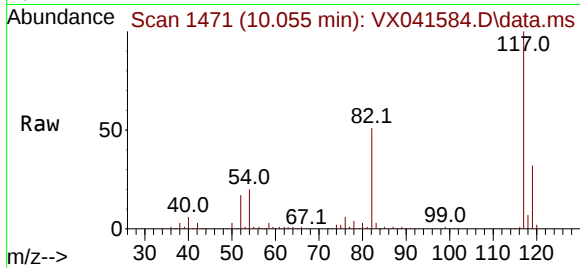




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041584.D
Acq: 21 May 2024 13:15

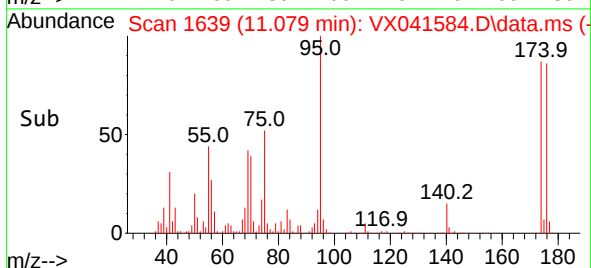
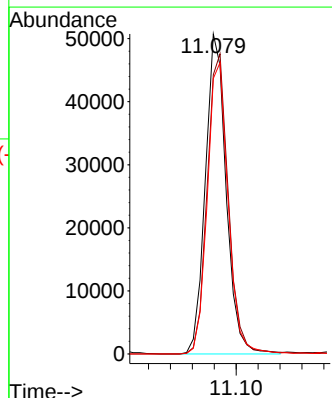
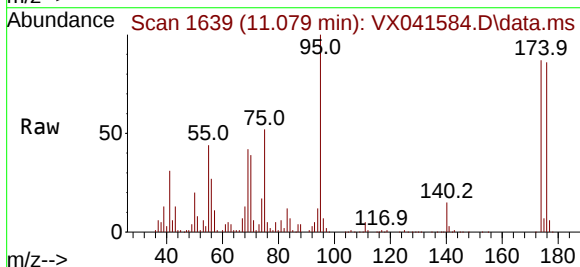
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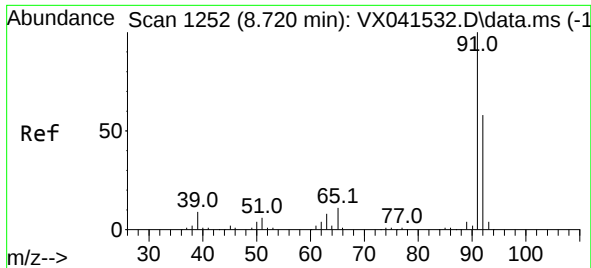
Tgt Ion:117 Resp: 141160
Ion Ratio Lower Upper
117 100
82 52.0 41.7 62.5
119 31.9 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 30.348 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041584.D
Acq: 21 May 2024 13:15

Tgt Ion: 95 Resp: 66876
Ion Ratio Lower Upper
95 100
174 95.4 76.6 115.0
176 91.4 75.4 113.0

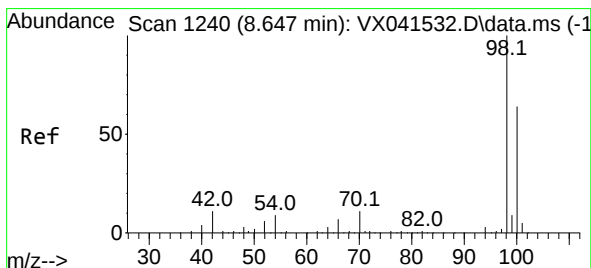
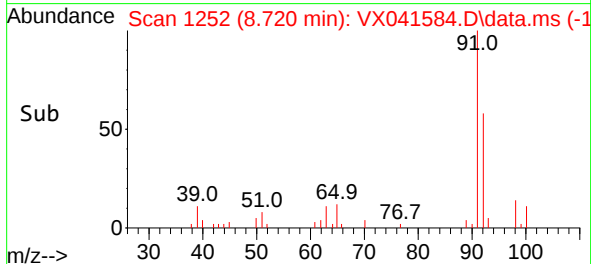
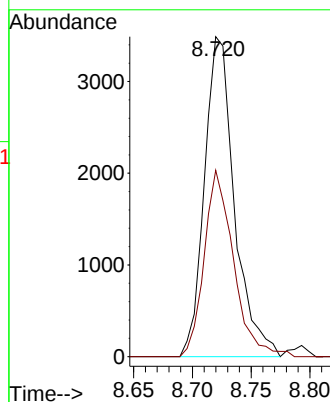
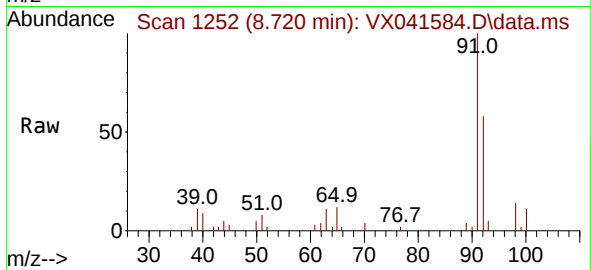




#62
Toluene
Concen: 0.881 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX041584.D
Acq: 21 May 2024 13:15

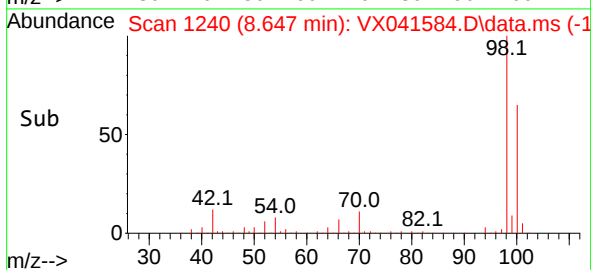
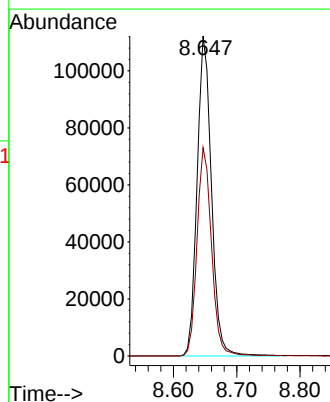
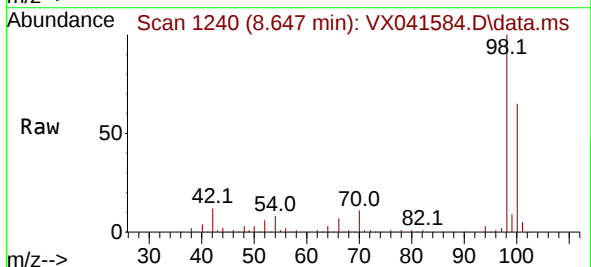
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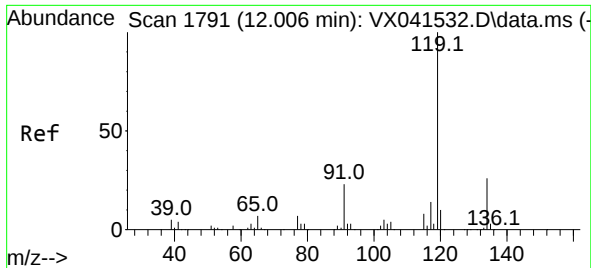
Tgt Ion: 91 Resp: 6188
Ion Ratio Lower Upper
91 100
92 56.7 47.0 70.6



#63
Toluene-d8
Concen: 29.323 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041584.D
Acq: 21 May 2024 13:15

Tgt Ion: 98 Resp: 177435
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7





#82

p-Isopropyltoluene

Concen: 1.037 ug/l

RT: 12.012 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX041584.D

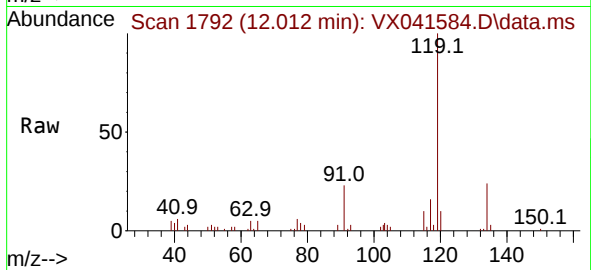
Acq: 21 May 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

240515007-02



Tgt Ion:119 Resp: 7478

Ion Ratio Lower Upper

119 100

134 26.8 0.0 53.4

91 24.4 0.0 44.8

