

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050724\
 Data File : VX041410.D
 Acq On : 07 May 2024 16:36
 Operator : JC/MD
 Sample : P2410-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A2295

Quant Time: May 08 02:02:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

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

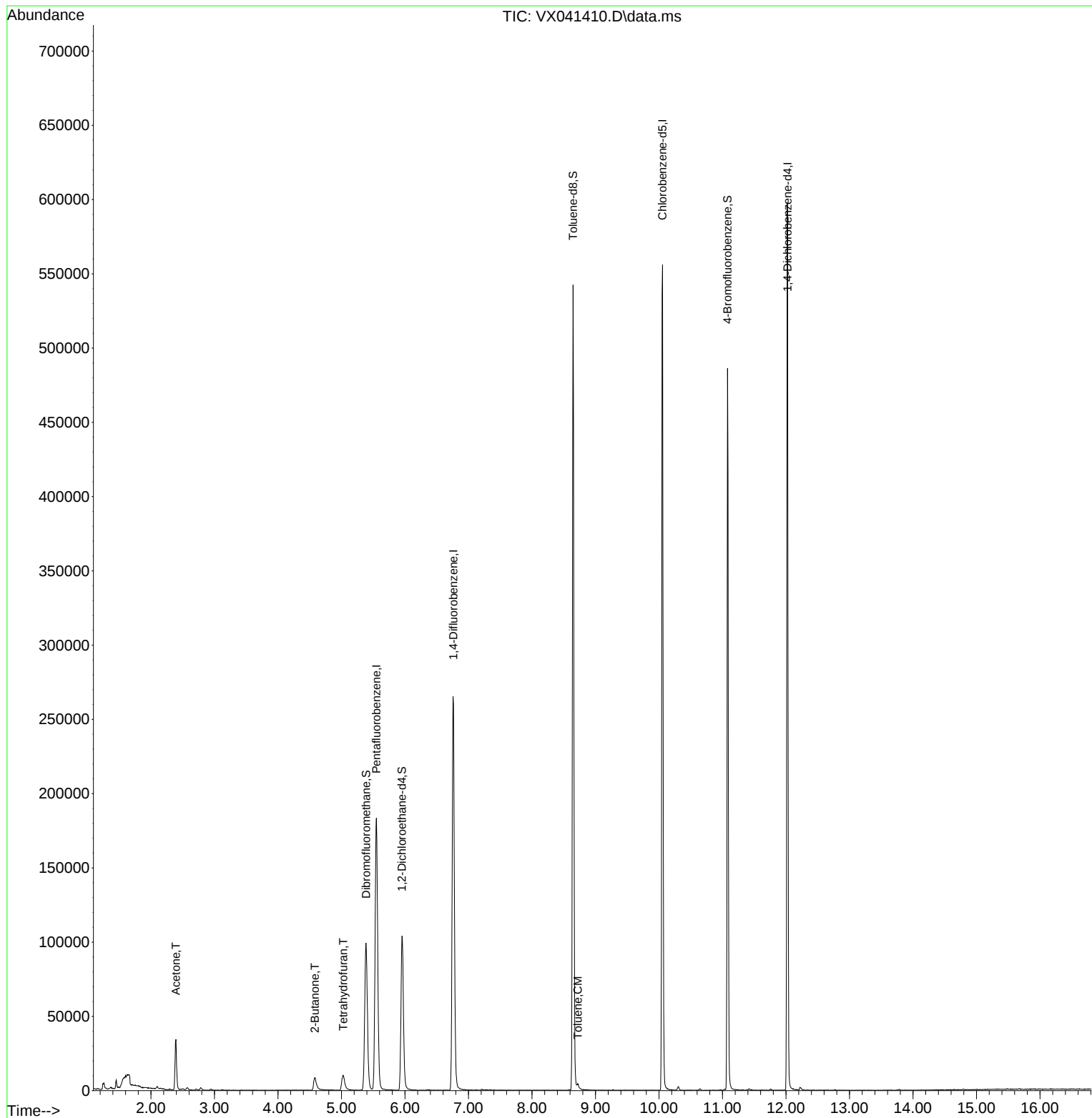
Internal Standards						
1) Pentafluorobenzene	5.550	168	195897	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	288232	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	269216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	105132	49.297	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.600%
35) Dibromofluoromethane	5.385	113	86895	44.487	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.980%
50) Toluene-d8	8.647	98	315955	51.107	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.220%
62) 4-Bromofluorobenzene	11.079	95	119914	50.106	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.220%
Target Compounds						
						Qvalue
16) Acetone	2.392	43	38391	37.556	ug/l	94
25) 2-Butanone	4.581	43	18702	13.549	ug/l	94
29) Tetrahydrofuran	5.026	42	10753	11.912	ug/l	100
52) Toluene	8.720	92	1463	0.332	ug/l	99

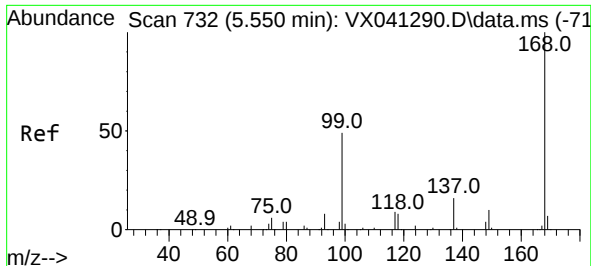
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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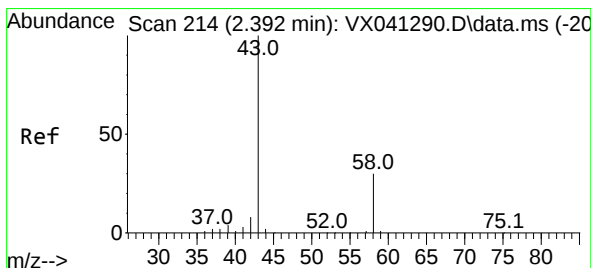
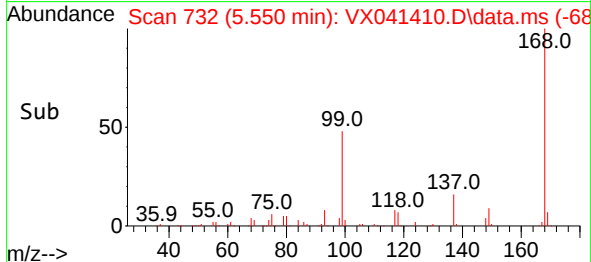
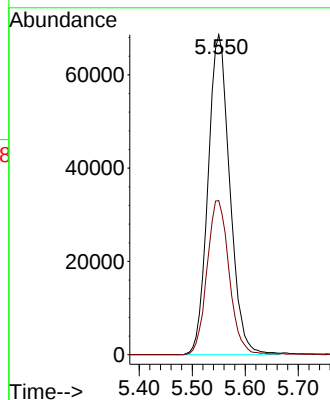
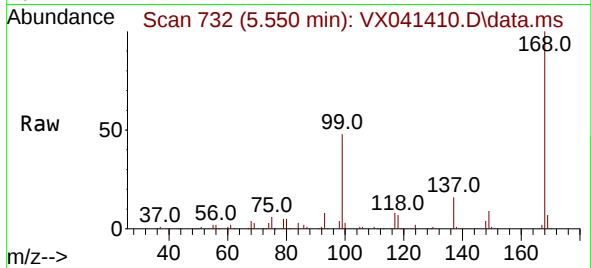




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041410.D
Acq: 07 May 2024 16:36

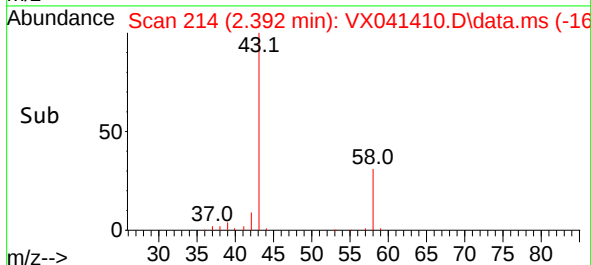
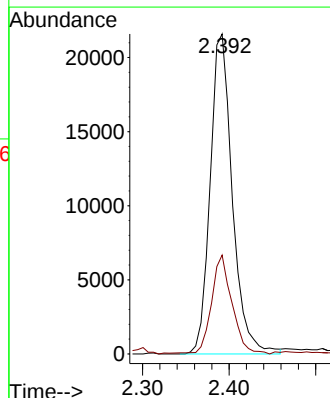
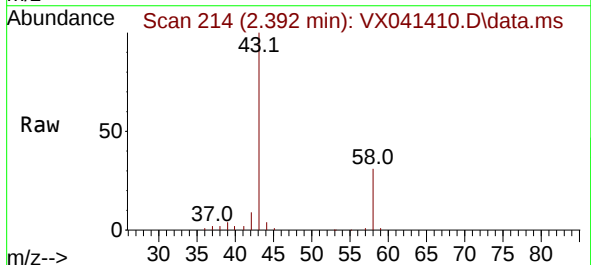
Instrument :
MSVOA_X
ClientSampleId :
A2295

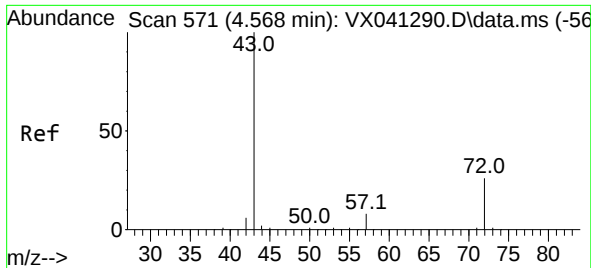
Tgt Ion:168 Resp: 195897
Ion Ratio Lower Upper
168 100
99 48.1 56.6 85.0#



#16
Acetone
Concen: 37.556 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041410.D
Acq: 07 May 2024 16:36

Tgt Ion: 43 Resp: 38391
Ion Ratio Lower Upper
43 100
58 30.5 21.9 32.9

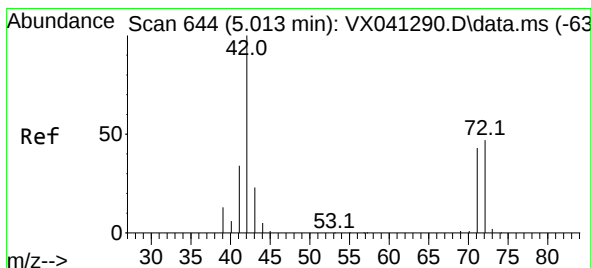
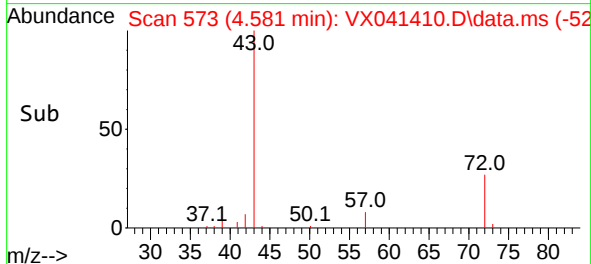
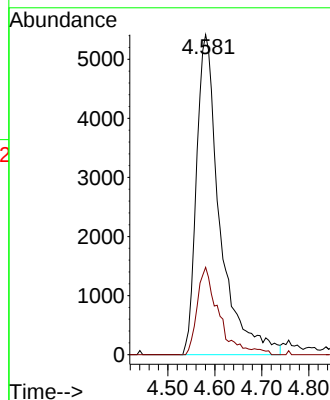
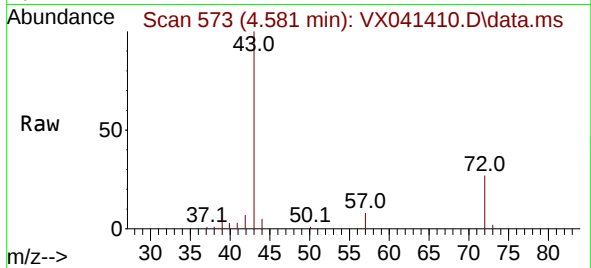




#25
2-Butanone
Concen: 13.549 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX041410.D
Acq: 07 May 2024 16:36

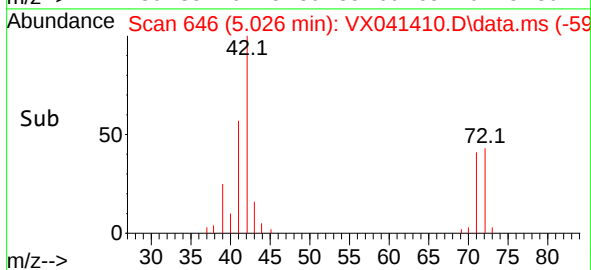
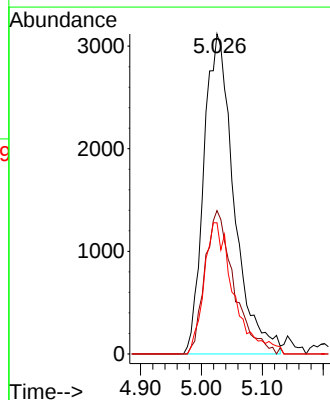
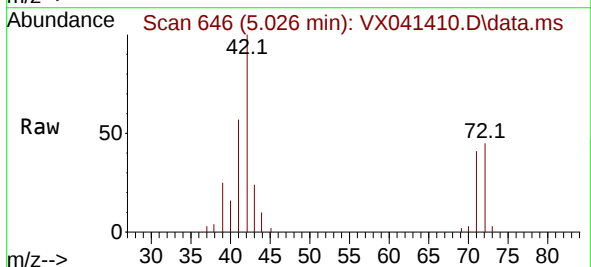
Instrument :
MSVOA_X
ClientSampleId :
A2295

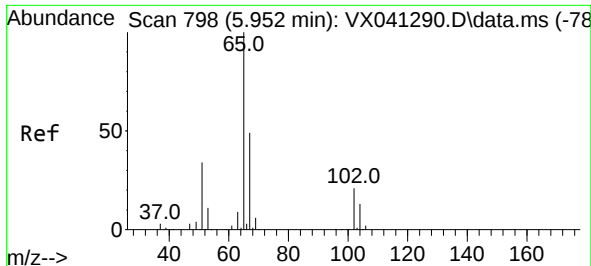
Tgt Ion: 43 Resp: 18702
Ion Ratio Lower Upper
43 100
72 27.3 19.4 29.2



#29
Tetrahydrofuran
Concen: 11.912 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.012 min
Lab File: VX041410.D
Acq: 07 May 2024 16:36

Tgt Ion: 42 Resp: 10753
Ion Ratio Lower Upper
42 100
72 43.2 34.2 51.4
71 40.2 32.2 48.2





#33

1,2-Dichloroethane-d4

Concen: 49.297 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041410.D

Acq: 07 May 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

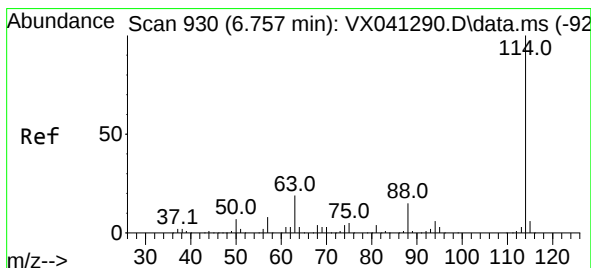
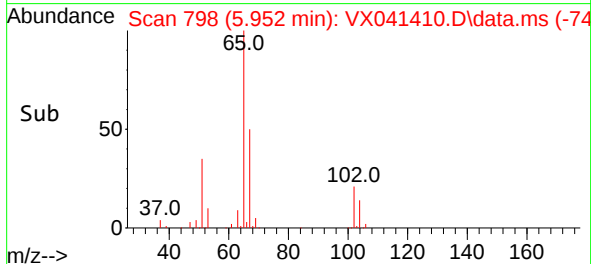
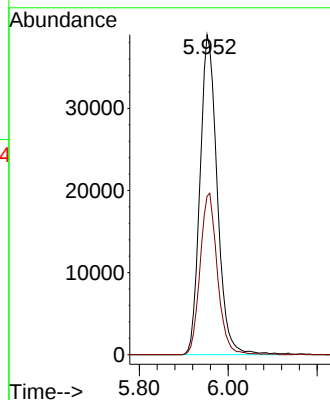
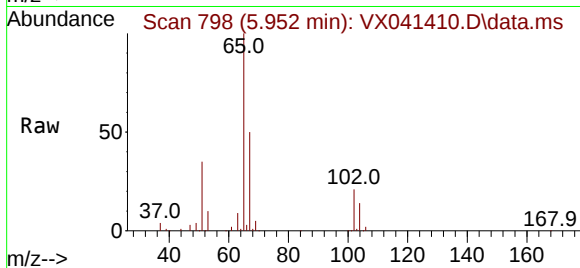
A2295

Tgt Ion: 65 Resp: 105132

Ion Ratio Lower Upper

65 100

67 50.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX041410.D

Acq: 07 May 2024 16:36

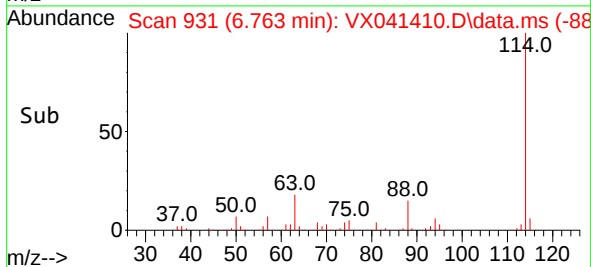
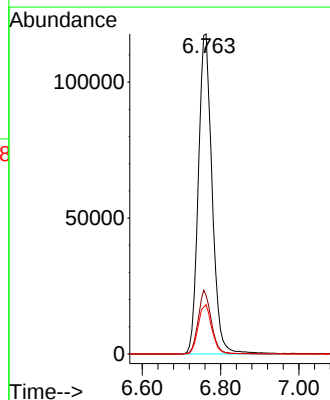
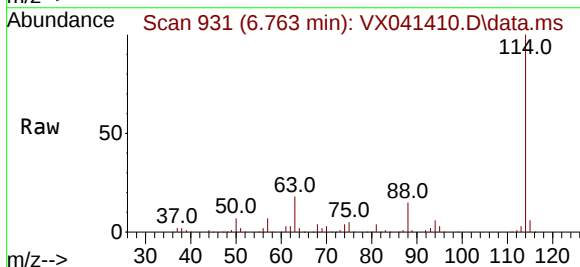
Tgt Ion: 114 Resp: 288232

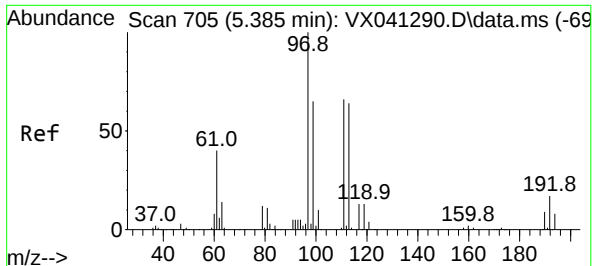
Ion Ratio Lower Upper

114 100

63 18.3 0.0 45.0

88 15.4 0.0 36.6

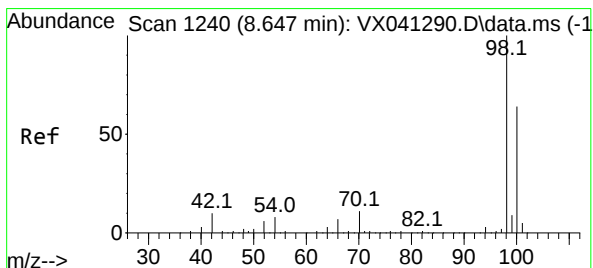
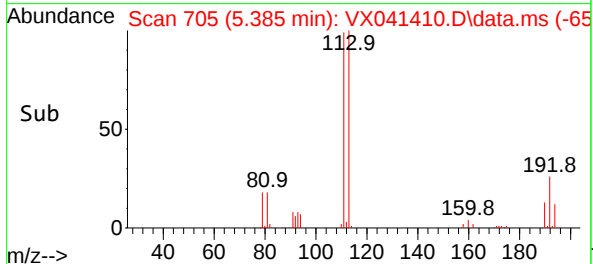
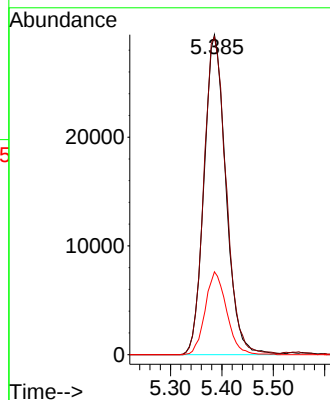
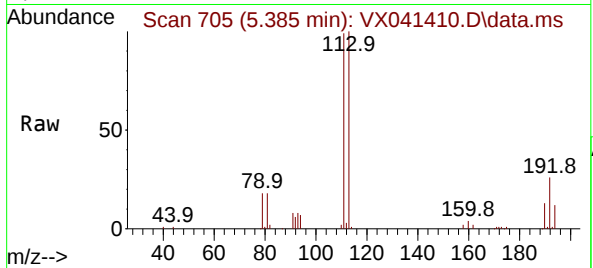




#35
Dibromofluoromethane
Concen: 44.487 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041410.D
Acq: 07 May 2024 16:36

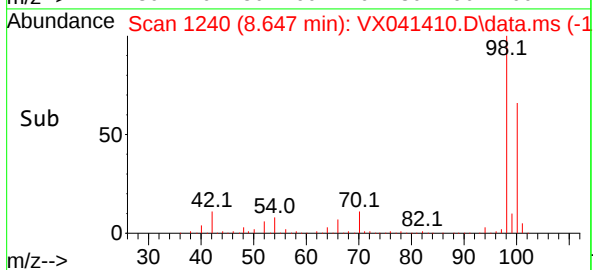
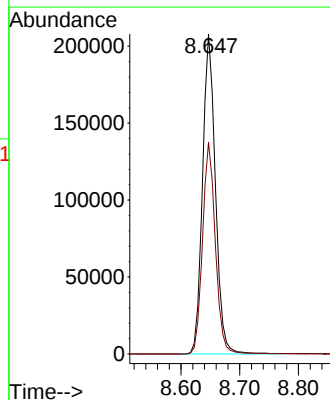
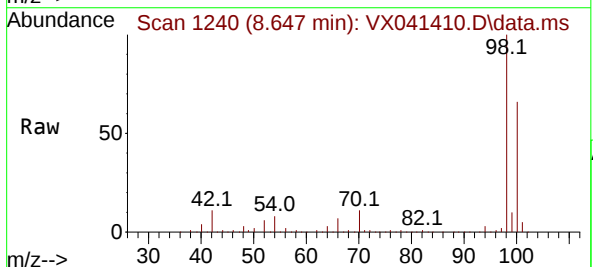
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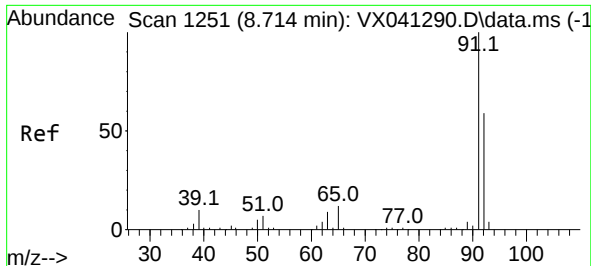
Tgt Ion:113 Resp: 86895
Ion Ratio Lower Upper
113 100
111 101.1 82.9 124.3
192 25.4 13.3 19.9#



#50
Toluene-d8
Concen: 51.107 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041410.D
Acq: 07 May 2024 16:36

Tgt Ion: 98 Resp: 315955
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7

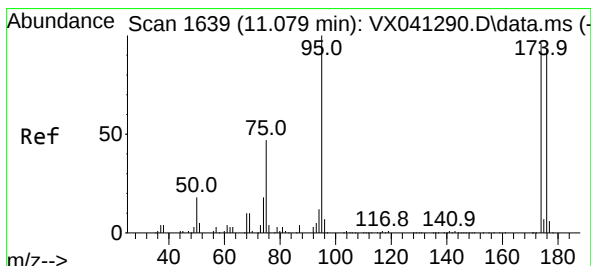
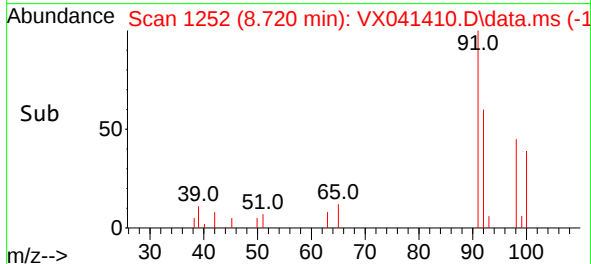
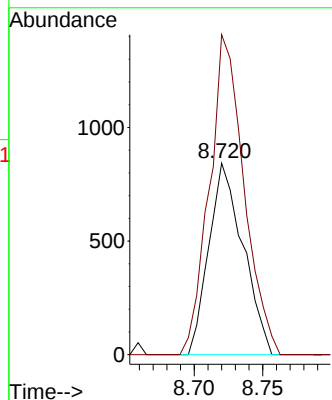
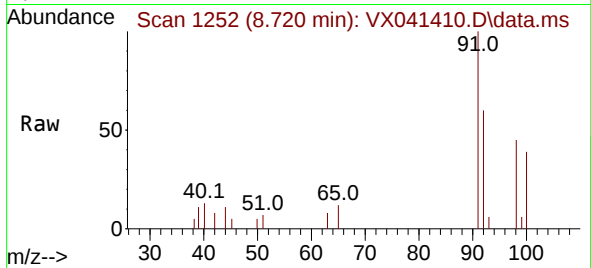




#52
Toluene
Concen: 0.332 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX041410.D
Acq: 07 May 2024 16:36

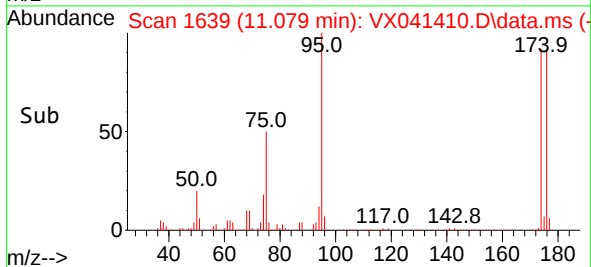
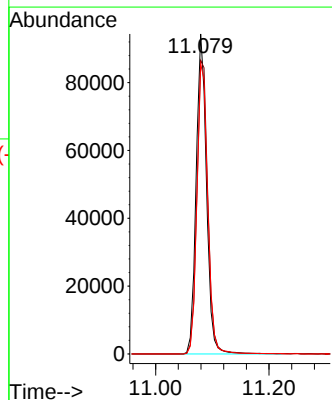
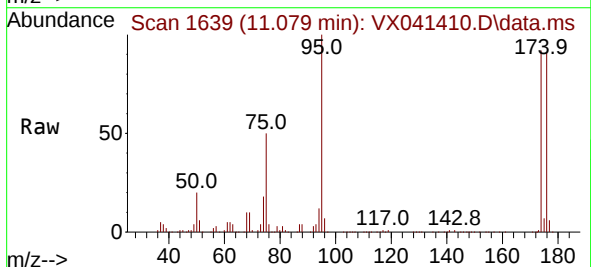
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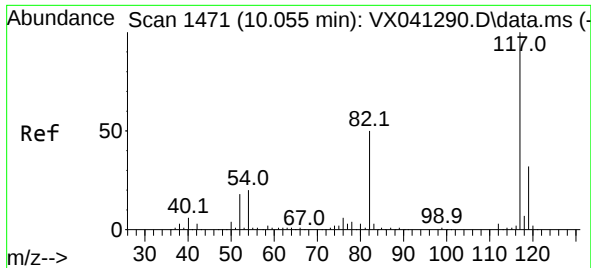
Tgt Ion: 92 Resp: 1463
Ion Ratio Lower Upper
92 100
91 169.3 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 50.106 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041410.D
Acq: 07 May 2024 16:36

Tgt Ion: 95 Resp: 119914
Ion Ratio Lower Upper
95 100
174 96.8 0.0 135.6
176 93.9 0.0 131.0

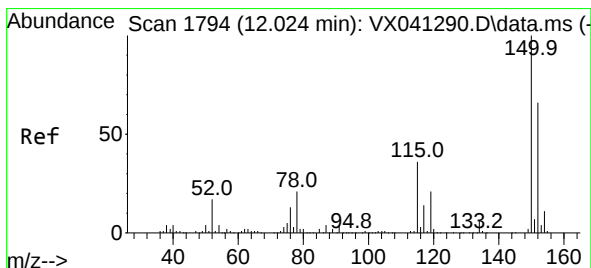
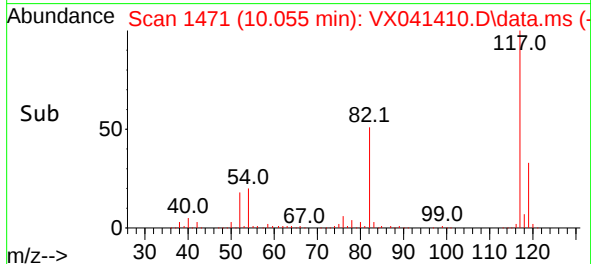
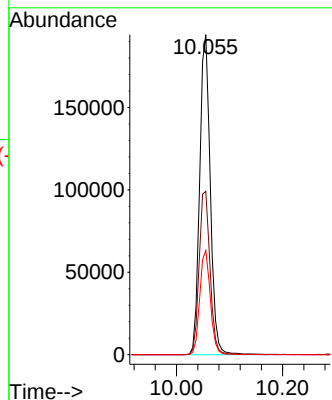
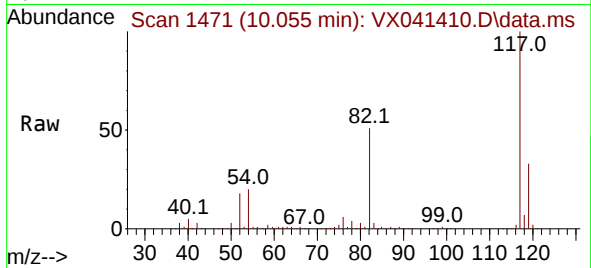




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041410.D
Acq: 07 May 2024 16:36

Instrument :
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Tgt Ion:117 Resp: 269216
Ion Ratio Lower Upper
117 100
82 51.0 46.2 69.4
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041410.D
Acq: 07 May 2024 16:36

Tgt Ion:152 Resp: 136545
Ion Ratio Lower Upper
152 100
115 54.5 43.3 129.9
150 155.6 0.0 345.0

