

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030424\
 Data File : VX040570.D
 Acq On : 04 Mar 2024 15:43
 Operator : JC/MD
 Sample : P1669-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-6

Quant Time: Mar 05 00:27:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

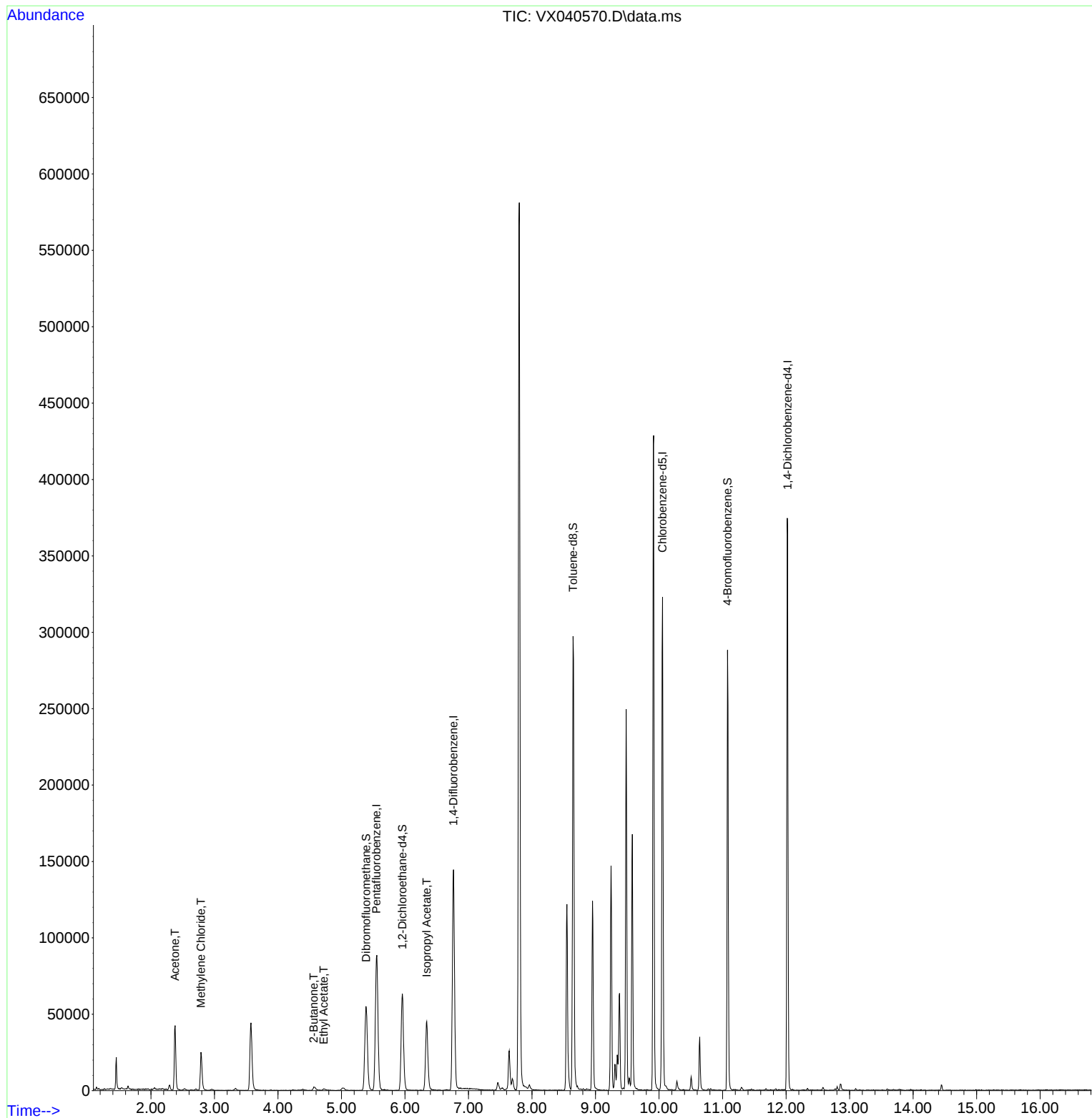
Internal Standards						
1) Pentafluorobenzene	5.549	168	79324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	137249	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64747	48.801	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.600%
35) Dibromofluoromethane	5.385	113	46966	49.209	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.420%
50) Toluene-d8	8.646	98	174044	50.238	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.480%
62) 4-Bromofluorobenzene	11.079	95	72325	54.766	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	109.540%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	45700	105.623	ug/l	98
20) Methylene Chloride	2.788	84	11311	10.924	ug/l #	95
25) 2-Butanone	4.562	43	4495	5.963	ug/l	93
37) Ethyl Acetate	4.720	43	2280	1.417	ug/l #	81
43) Isopropyl Acetate	6.342	43	62441	24.728	ug/l	97

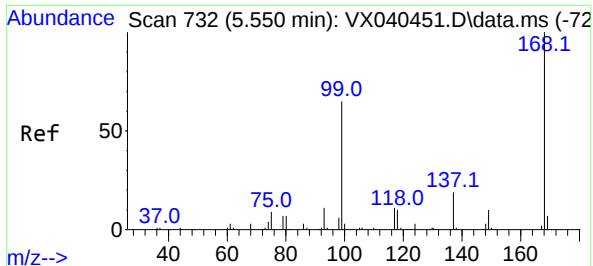
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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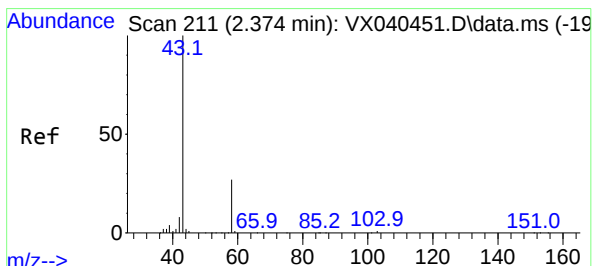
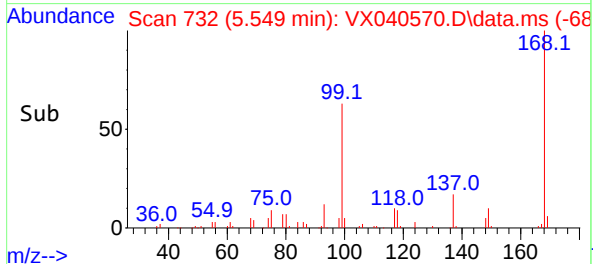
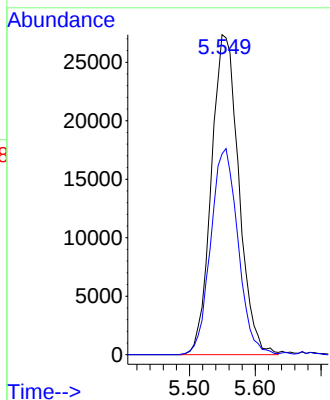
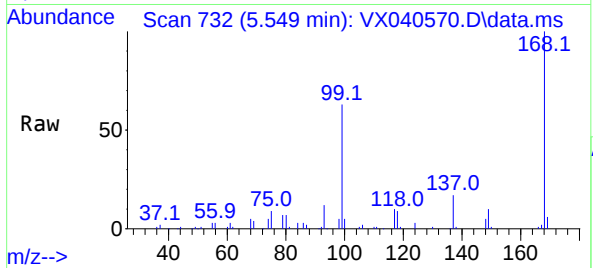




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX040570.D
Acq: 04 Mar 2024 15:43

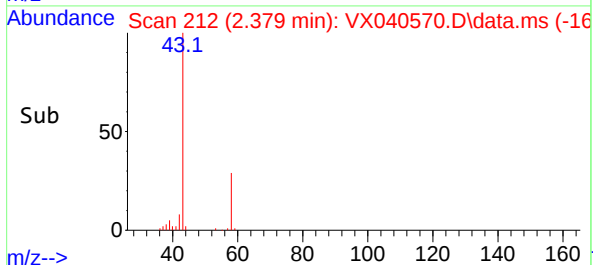
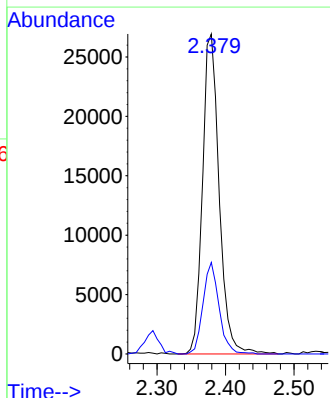
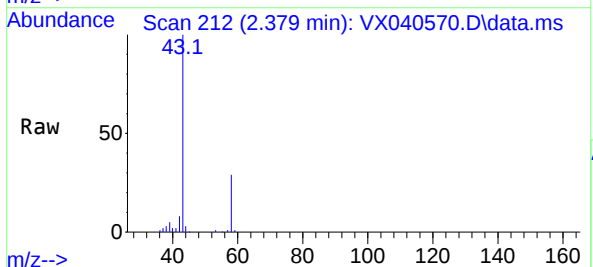
Instrument :
MSVOA_X
ClientSampleId :
TP-6

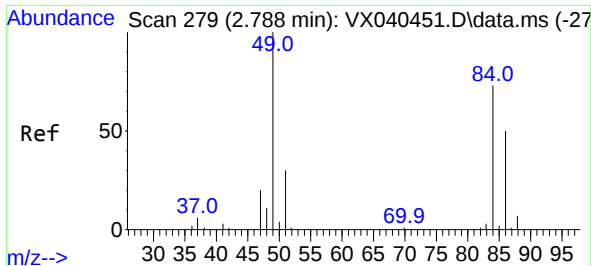
Tgt Ion:168 Resp: 79324
Ion Ratio Lower Upper
168 100
99 62.7 56.6 85.0



#16
Acetone
Concen: 105.623 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040570.D
Acq: 04 Mar 2024 15:43

Tgt Ion: 43 Resp: 45700
Ion Ratio Lower Upper
43 100
58 28.6 21.9 32.9



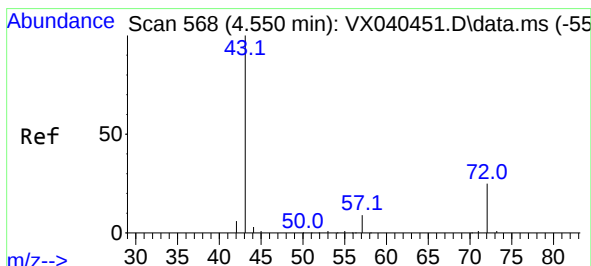
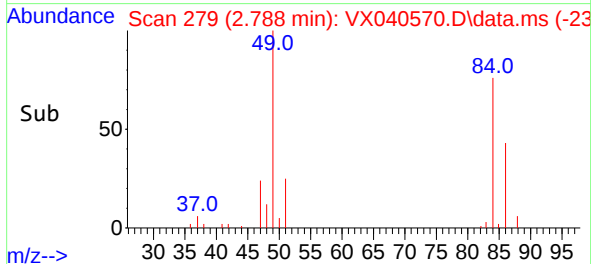
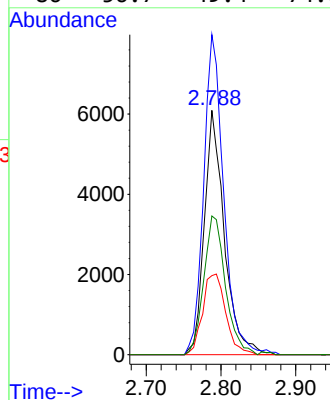
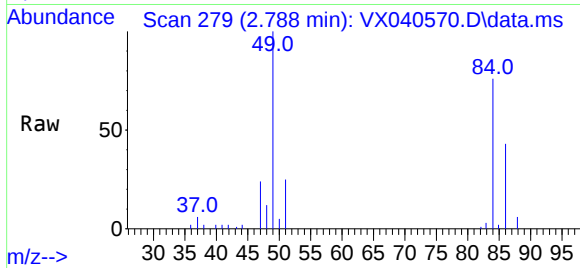


#20
Methylene Chloride
Concen: 10.924 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040570.D
Acq: 04 Mar 2024 15:43

Instrument :
MSVOA_X
ClientSampleId :
TP-6

Tgt Ion: 84 Resp: 11311

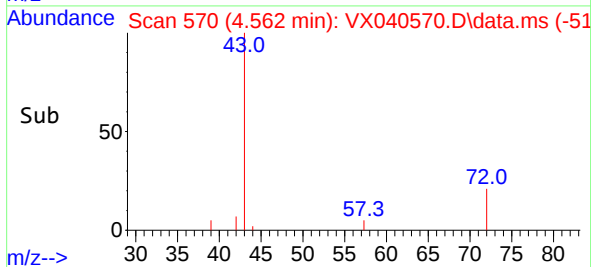
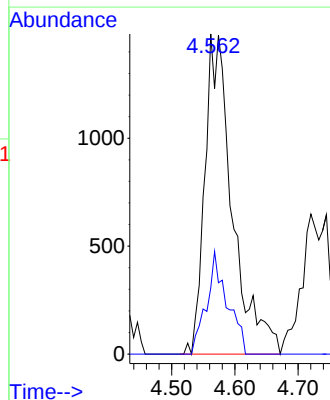
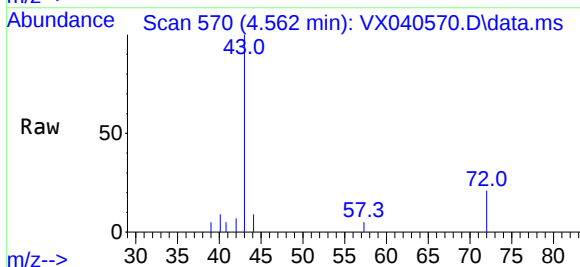
Ion	Ratio	Lower	Upper
84	100		
49	130.9	103.6	155.4
51	32.3	33.8	50.6#
86	56.7	49.4	74.0

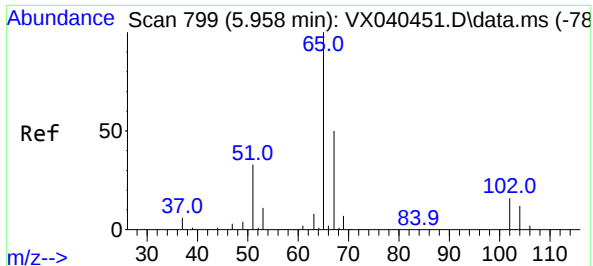


#25
2-Butanone
Concen: 5.963 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.012 min
Lab File: VX040570.D
Acq: 04 Mar 2024 15:43

Tgt Ion: 43 Resp: 4495

Ion	Ratio	Lower	Upper
43	100		
72	20.7	19.4	29.2

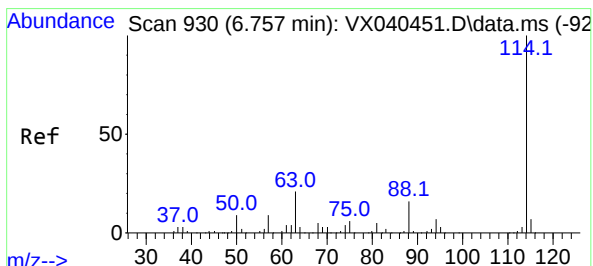
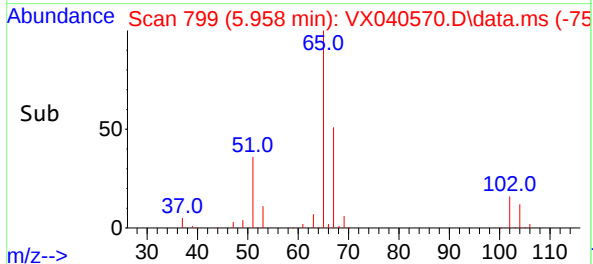
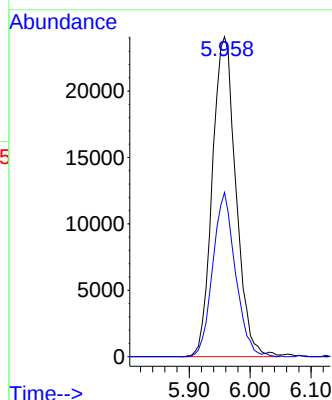
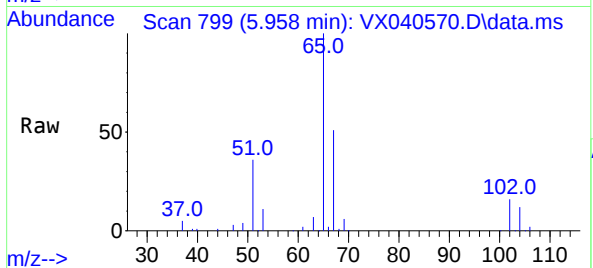




#33
1,2-Dichloroethane-d4
Concen: 48.801 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX040570.D
Acq: 04 Mar 2024 15:43

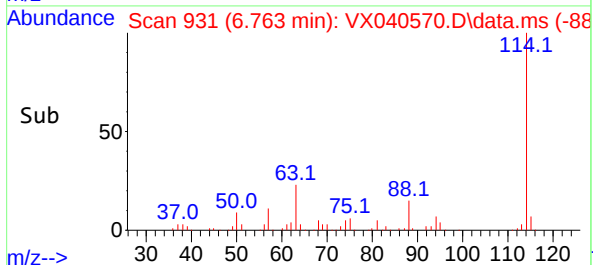
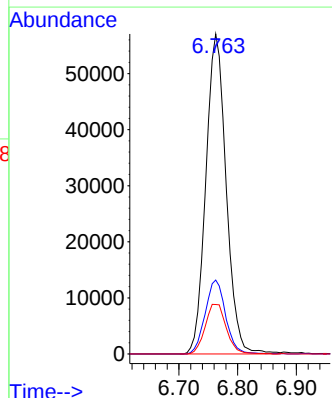
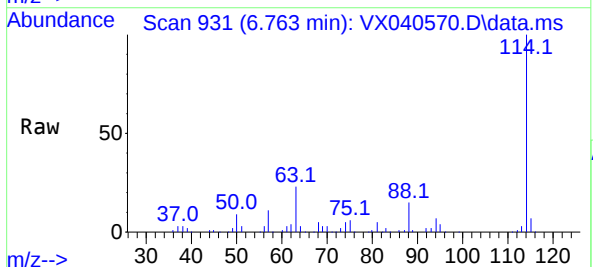
Instrument :
MSVOA_X
ClientSampleId :
TP-6

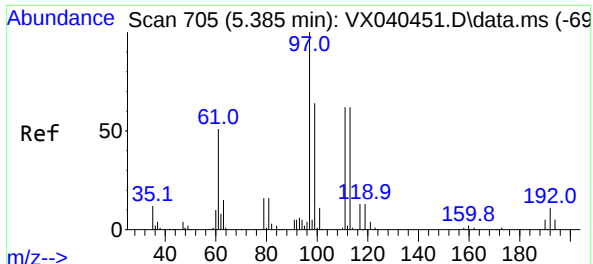
Tgt Ion: 65 Resp: 64747
Ion Ratio Lower Upper
65 100
67 49.4 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX040570.D
Acq: 04 Mar 2024 15:43

Tgt Ion: 114 Resp: 137249
Ion Ratio Lower Upper
114 100
63 23.1 0.0 45.0
88 15.4 0.0 36.6

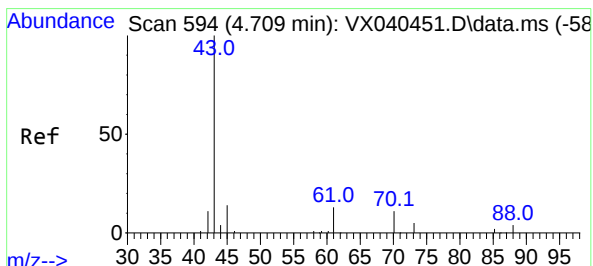
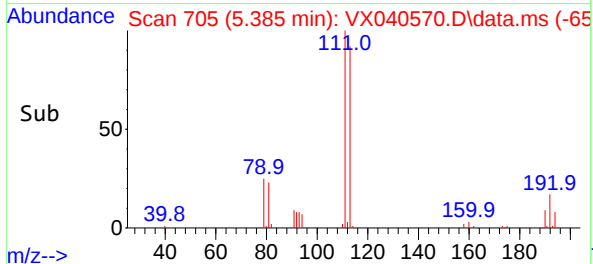
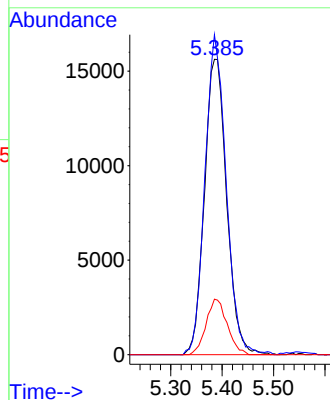
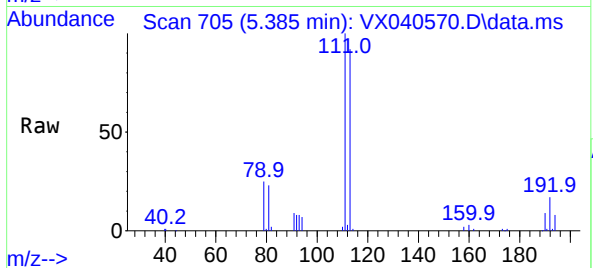




#35
Dibromofluoromethane
Concen: 49.209 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040570.D
Acq: 04 Mar 2024 15:43

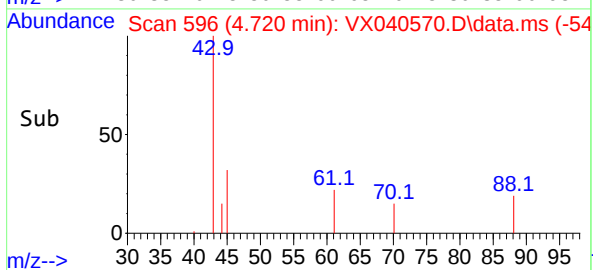
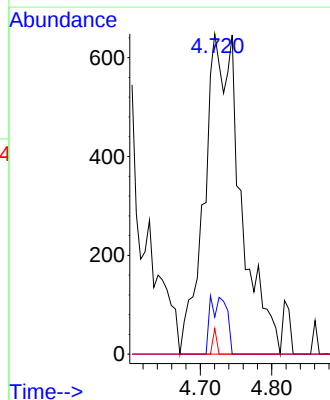
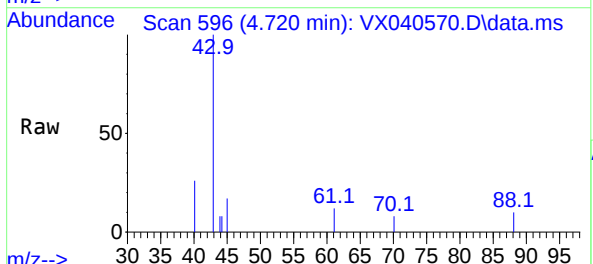
Instrument :
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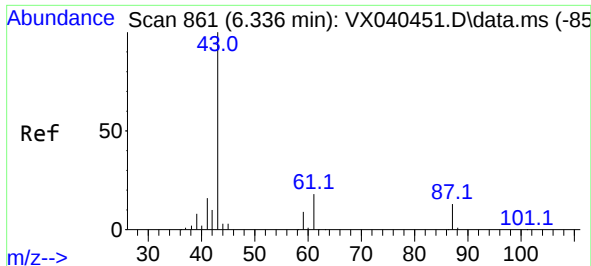
Tgt Ion:113 Resp: 46966
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 17.9 13.3 19.9



#37
Ethyl Acetate
Concen: 1.417 ug/l
RT: 4.720 min Scan# 596
Delta R.T. 0.012 min
Lab File: VX040570.D
Acq: 04 Mar 2024 15:43

Tgt Ion: 43 Resp: 2280
Ion Ratio Lower Upper
43 100
61 8.1 10.6 16.0#
70 0.8 8.3 12.5#

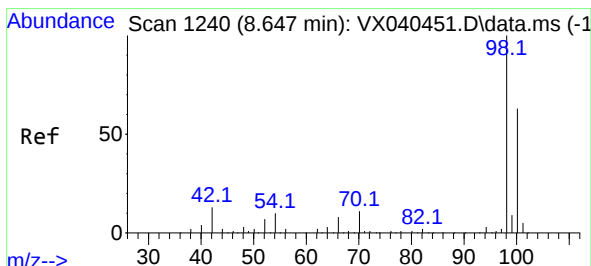
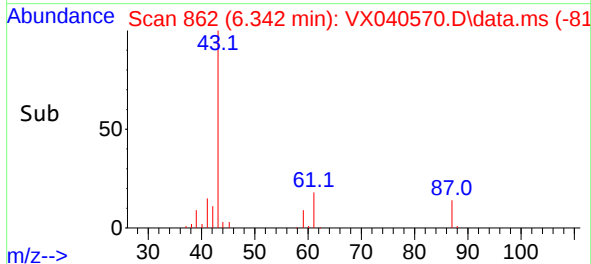
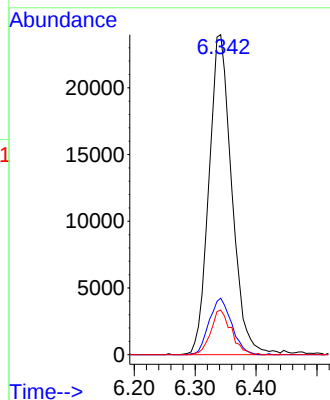
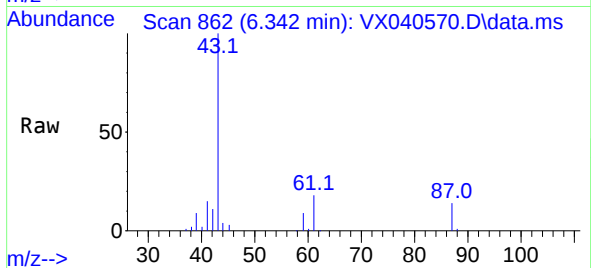




#43
Isopropyl Acetate
Concen: 24.728 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX040570.D
Acq: 04 Mar 2024 15:43

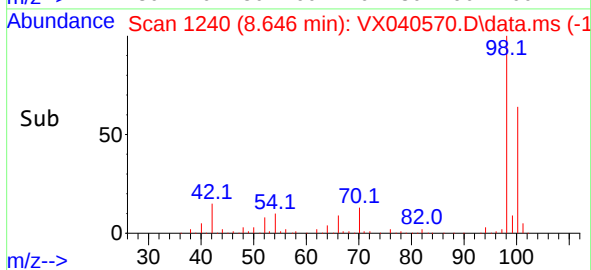
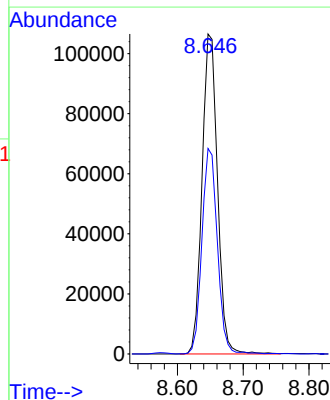
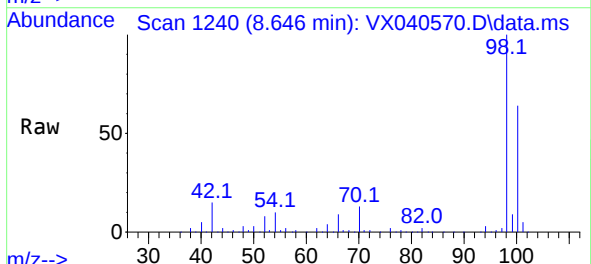
Instrument :
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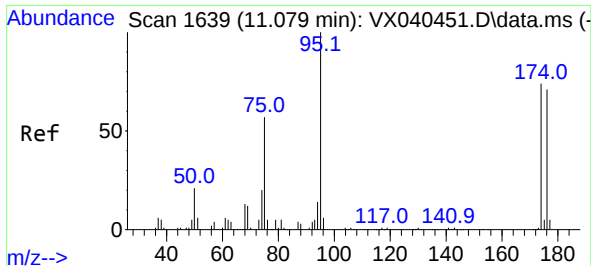
Tgt Ion: 43 Resp: 62441
Ion Ratio Lower Upper
43 100
61 17.4 15.2 22.8
87 12.5 9.8 14.6



#50
Toluene-d8
Concen: 50.238 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.001 min
Lab File: VX040570.D
Acq: 04 Mar 2024 15:43

Tgt Ion: 98 Resp: 174044
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7

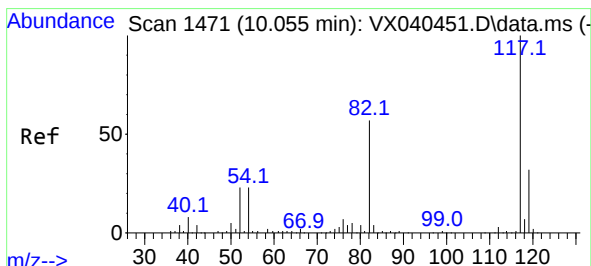
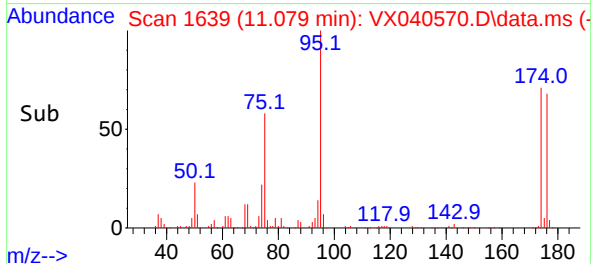
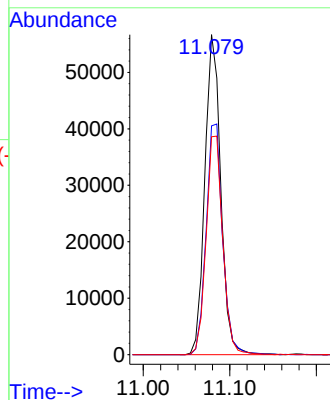
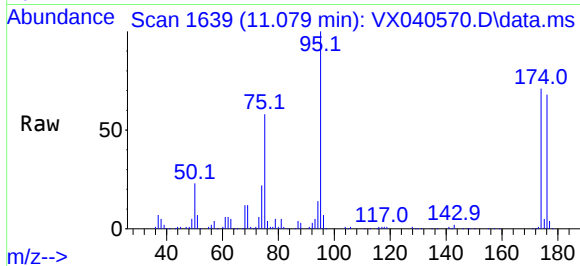




#62
4-Bromofluorobenzene
Concen: 54.766 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040570.D
Acq: 04 Mar 2024 15:43

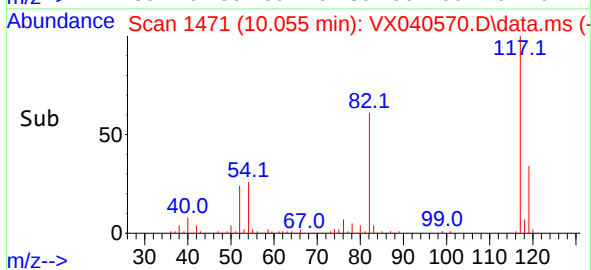
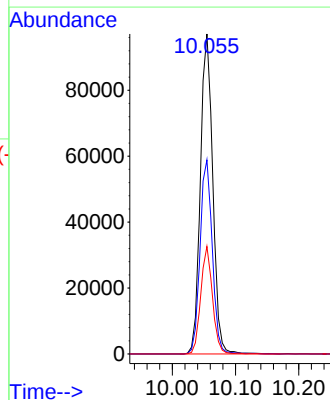
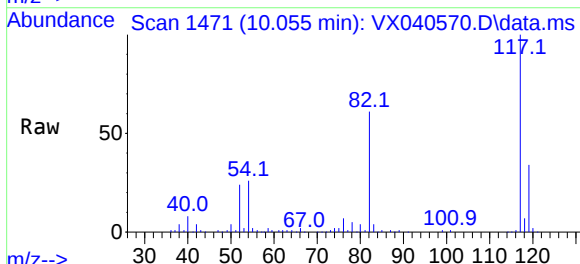
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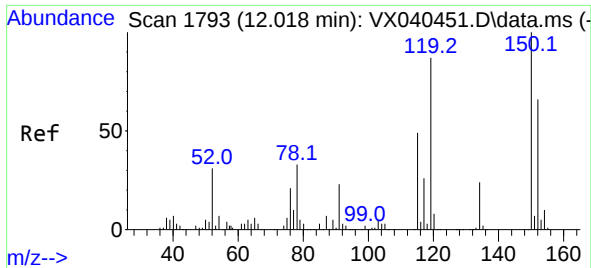
Tgt Ion: 95 Resp: 72325
Ion Ratio Lower Upper
95 100
174 74.8 0.0 135.6
176 71.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040570.D
Acq: 04 Mar 2024 15:43

Tgt Ion: 117 Resp: 132342
Ion Ratio Lower Upper
117 100
82 60.7 46.2 69.4
119 33.6 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX040570.D
 Acq: 04 Mar 2024 15:43

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:152 Resp: 74023
 Ion Ratio Lower Upper
 152 100
 115 62.5 43.3 129.9
 150 154.7 0.0 345.0

