

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032124\
 Data File : VX040755.D
 Acq On : 21 Mar 2024 20:03
 Operator : JC/MD
 Sample : PB159677ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB159677ZHE#06

Quant Time: Mar 22 03:00:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:41:46 2024
 Response via : Initial Calibration

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

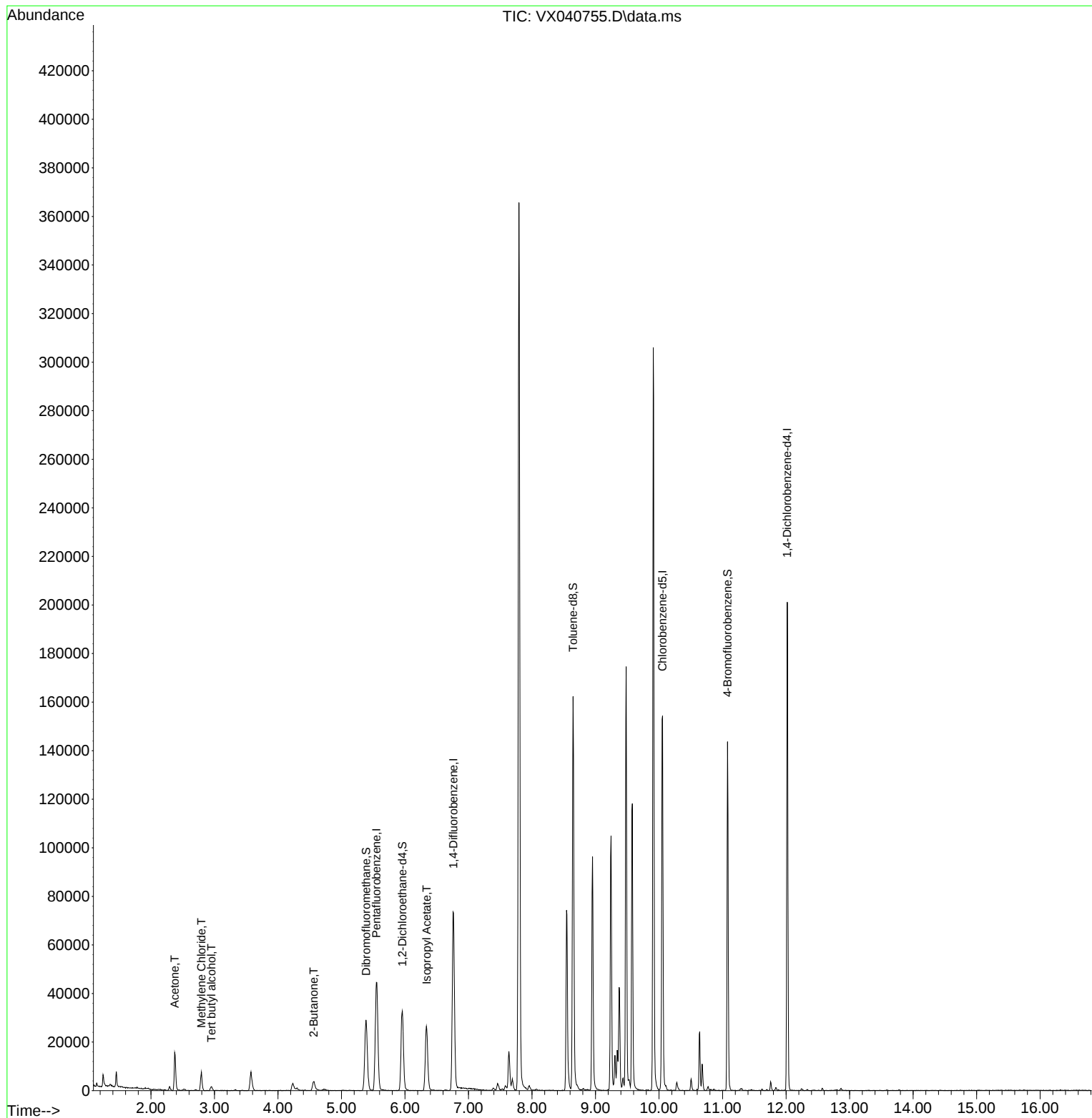
Internal Standards						
1) Pentafluorobenzene	5.550	168	41088	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	71240	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	66693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	36636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	33943	49.130	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.260%
35) Dibromofluoromethane	5.385	113	24277	45.543	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.080%
50) Toluene-d8	8.647	98	93097	51.005	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.020%
62) 4-Bromofluorobenzene	11.079	95	35355	49.028	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.060%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	1712	15.475	ug/l #	91
16) Acetone	2.374	43	16427	67.128	ug/l	100
20) Methylene Chloride	2.794	84	2985	5.580	ug/l	97
25) 2-Butanone	4.562	43	6910	18.028	ug/l	96
43) Isopropyl Acetate	6.342	43	38457	27.478	ug/l	98

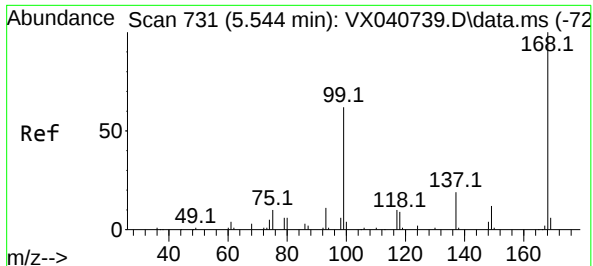
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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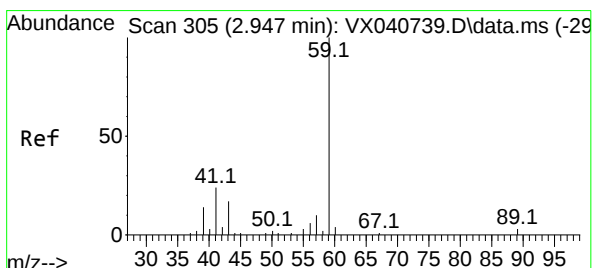
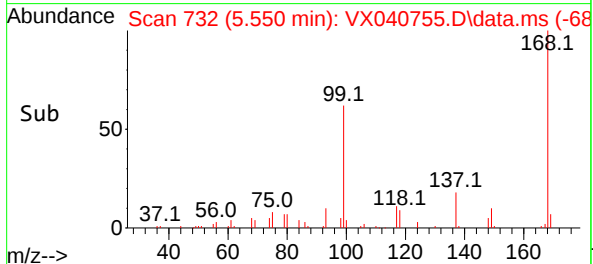
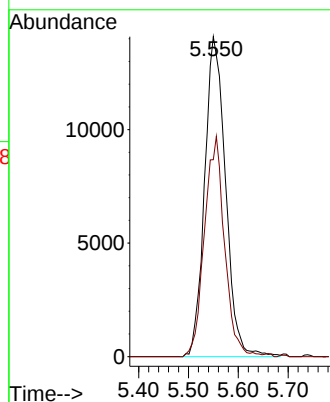
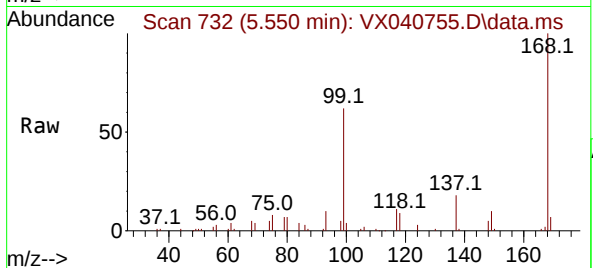




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040755.D
Acq: 21 Mar 2024 20:03

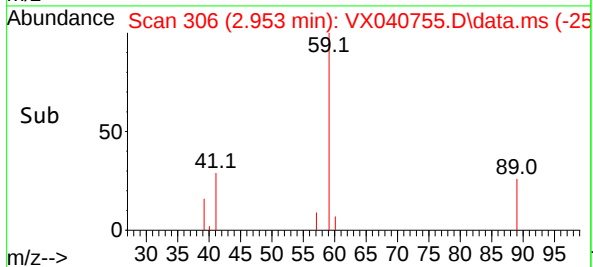
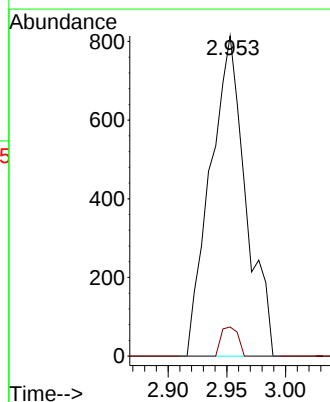
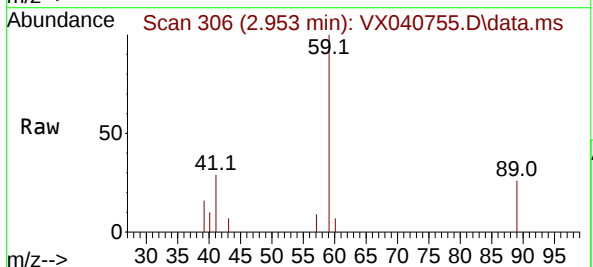
Instrument :
MSVOA_X
ClientSampleId :
PB159677ZHE#06

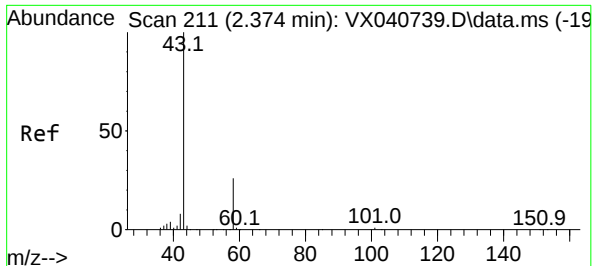
Tgt Ion:168 Resp: 41088
Ion Ratio Lower Upper
168 100
99 61.6 56.6 85.0



#11
Tert butyl alcohol
Concen: 15.475 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX040755.D
Acq: 21 Mar 2024 20:03

Tgt Ion: 59 Resp: 1712
Ion Ratio Lower Upper
59 100
57 4.4 6.0 9.0#

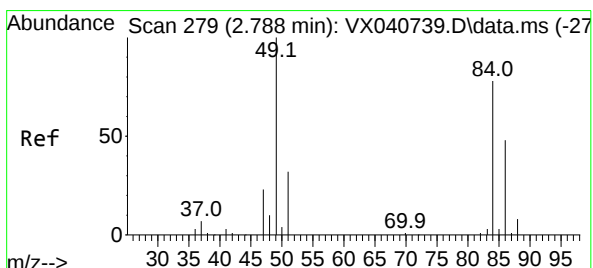
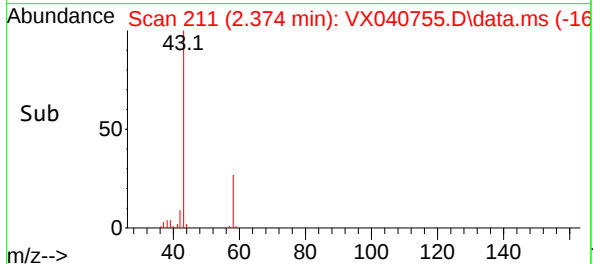
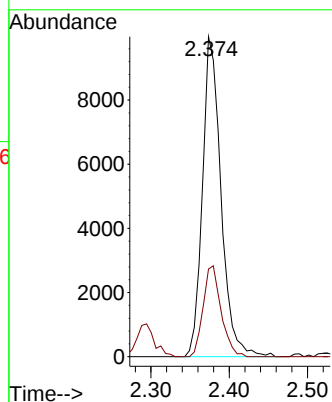
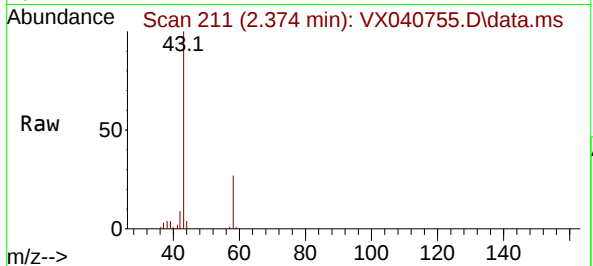




#16
Acetone
Concen: 67.128 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040755.D
Acq: 21 Mar 2024 20:03

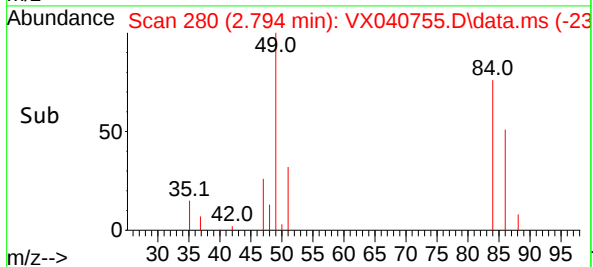
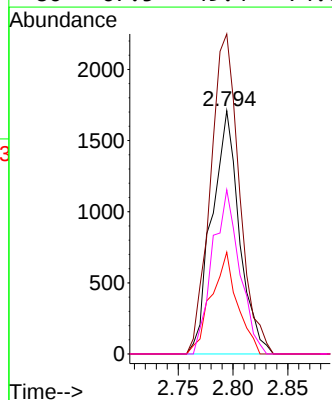
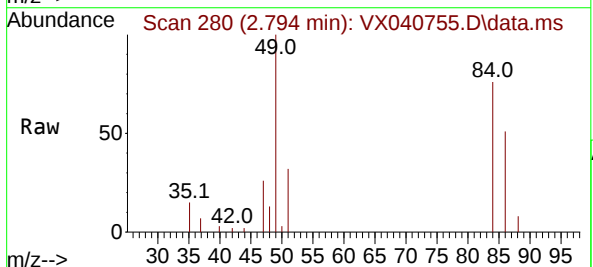
Instrument :
MSVOA_X
ClientSampleId :
PB159677ZHE#06

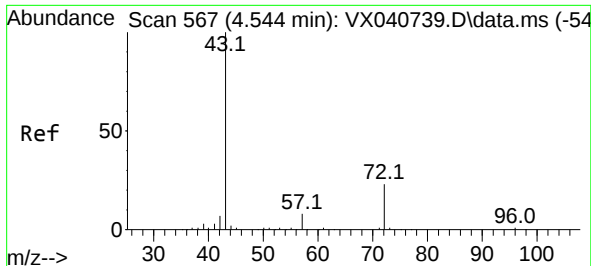
Tgt Ion: 43 Resp: 16427
Ion Ratio Lower Upper
43 100
58 27.4 21.9 32.9



#20
Methylene Chloride
Concen: 5.580 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX040755.D
Acq: 21 Mar 2024 20:03

Tgt Ion: 84 Resp: 2985
Ion Ratio Lower Upper
84 100
49 131.6 103.6 155.4
51 41.8 33.8 50.6
86 67.5 49.4 74.0





#25

2-Butanone

Concen: 18.028 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX040755.D

Acq: 21 Mar 2024 20:03

Instrument :

MSVOA_X

ClientSampleId :

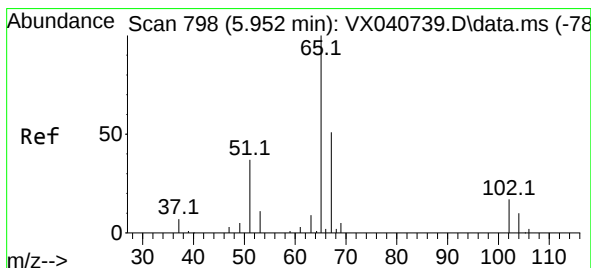
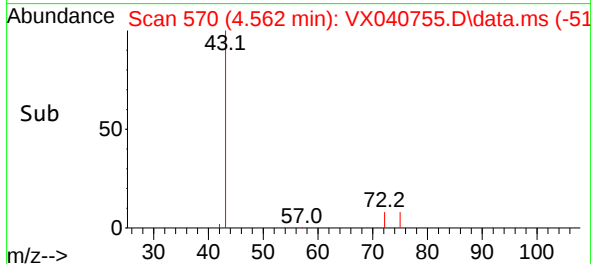
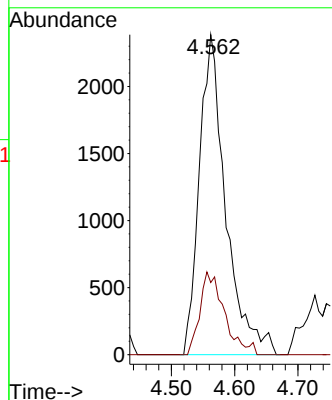
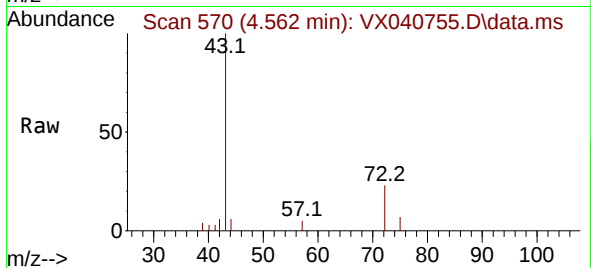
PB159677ZHE#06

Tgt Ion: 43 Resp: 6910

Ion Ratio Lower Upper

43 100

72 22.5 19.4 29.2



#33

1,2-Dichloroethane-d4

Concen: 49.130 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX040755.D

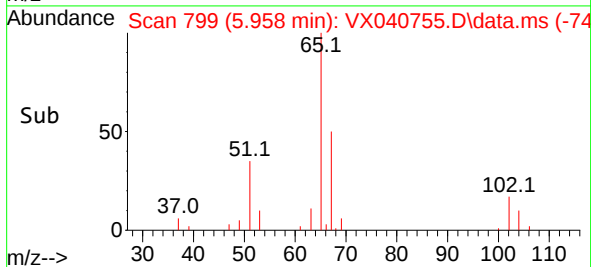
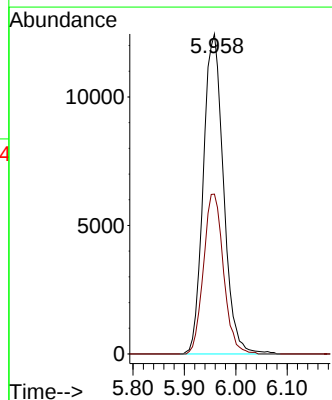
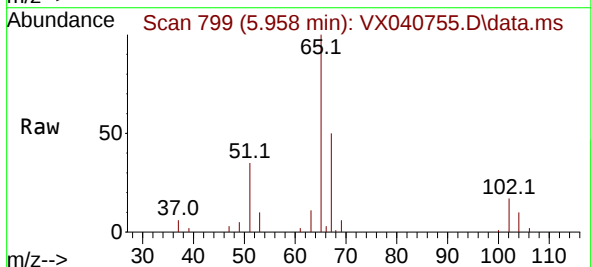
Acq: 21 Mar 2024 20:03

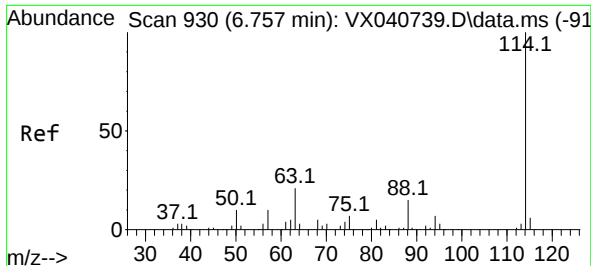
Tgt Ion: 65 Resp: 33943

Ion Ratio Lower Upper

65 100

67 49.5 0.0 100.2

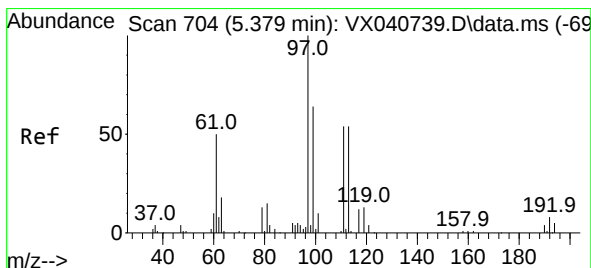
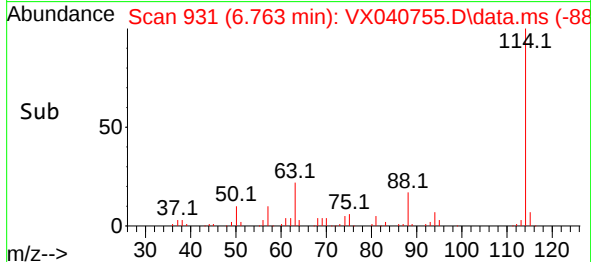
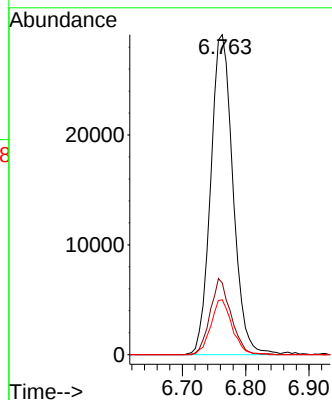
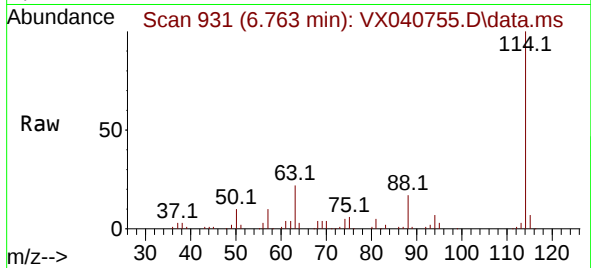




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX040755.D
Acq: 21 Mar 2024 20:03

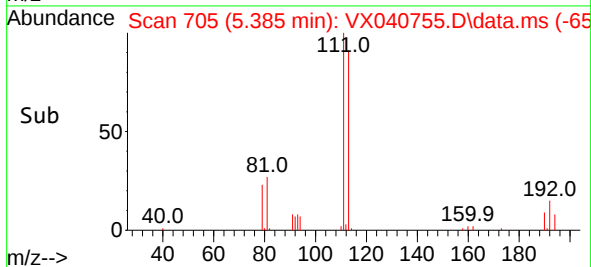
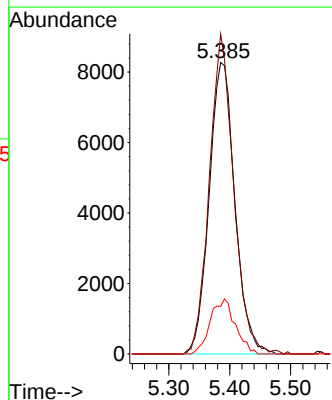
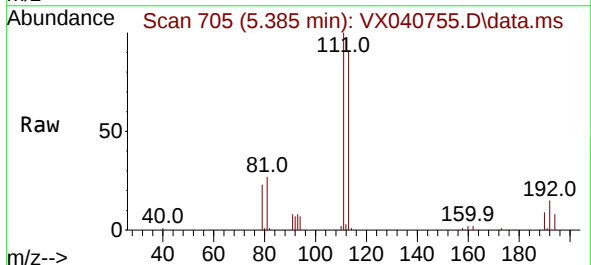
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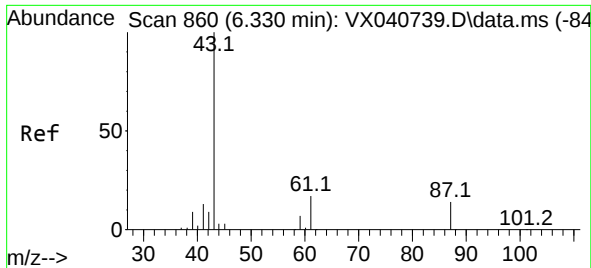
Tgt Ion:114 Resp: 71240
Ion Ratio Lower Upper
114 100
63 22.4 0.0 45.0
88 17.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.543 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040755.D
Acq: 21 Mar 2024 20:03

Tgt Ion:113 Resp: 24277
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 18.3 13.3 19.9

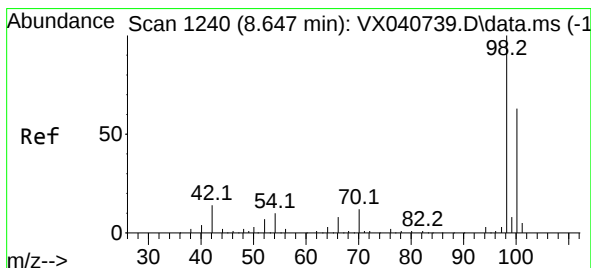
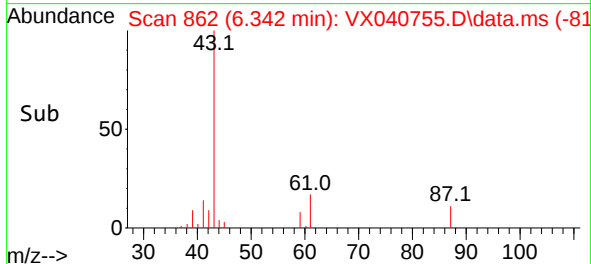
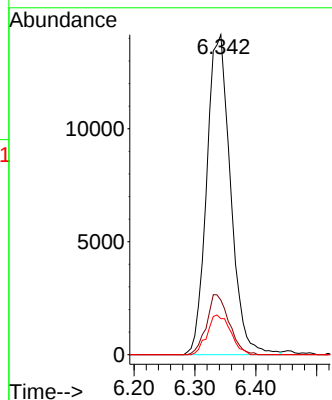
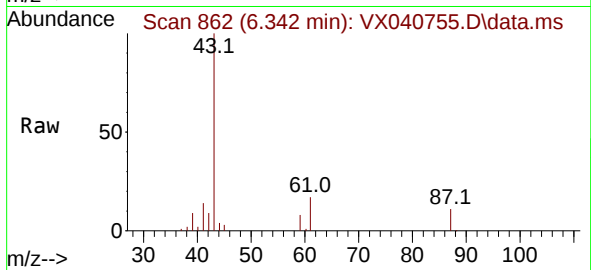




#43
Isopropyl Acetate
Concen: 27.478 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.012 min
Lab File: VX040755.D
Acq: 21 Mar 2024 20:03

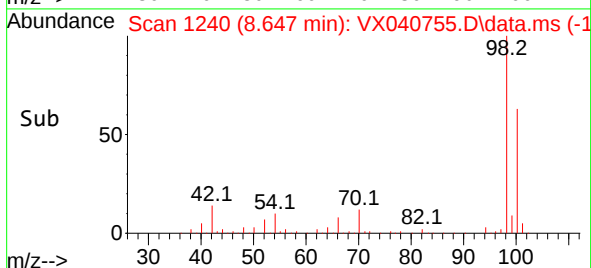
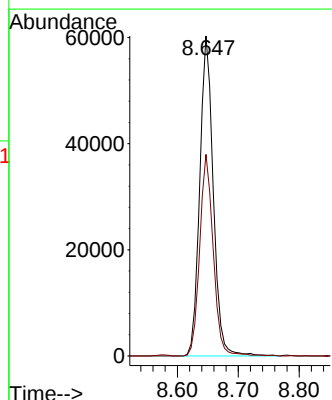
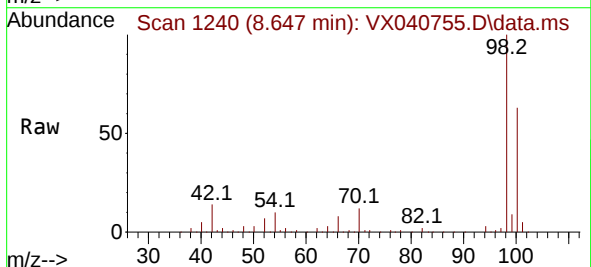
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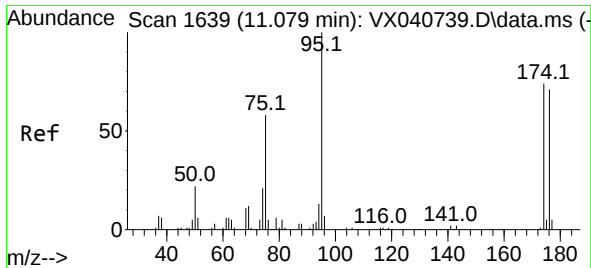
Tgt Ion: 43 Resp: 38457
Ion Ratio Lower Upper
43 100
61 17.7 15.2 22.8
87 12.2 9.8 14.6



#50
Toluene-d8
Concen: 51.005 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040755.D
Acq: 21 Mar 2024 20:03

Tgt Ion: 98 Resp: 93097
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7

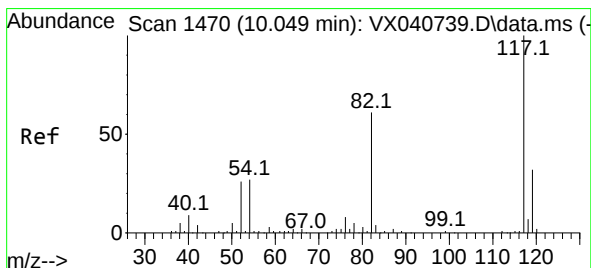
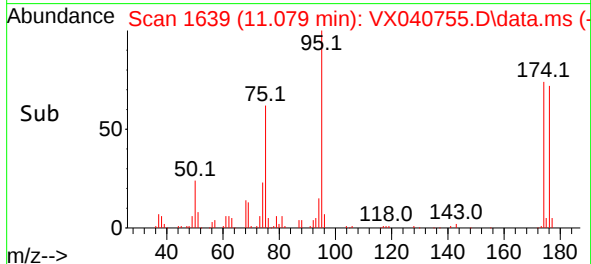
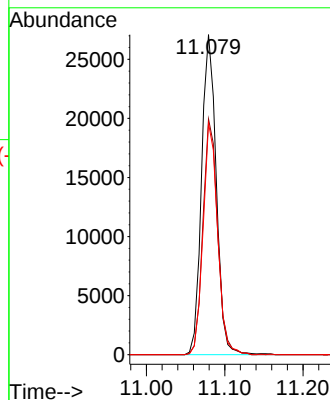
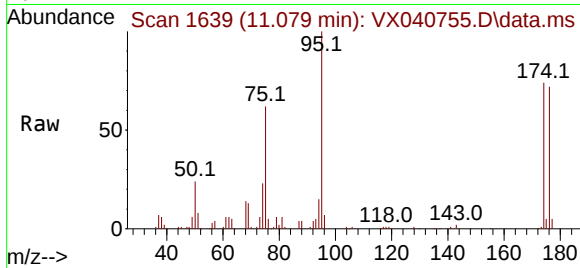




#62
4-Bromofluorobenzene
Concen: 49.028 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040755.D
Acq: 21 Mar 2024 20:03

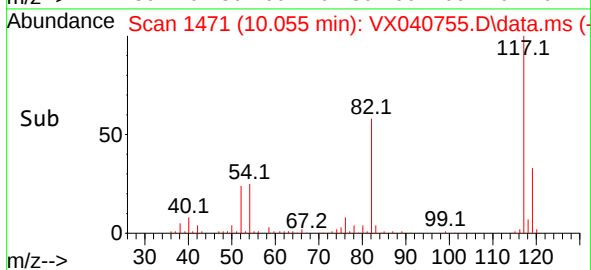
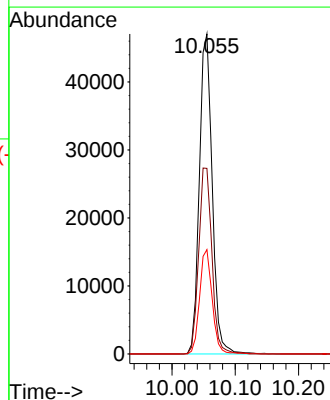
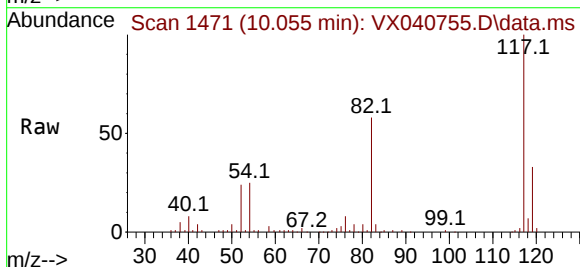
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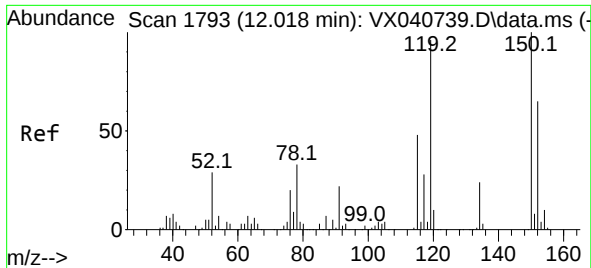
Tgt Ion: 95 Resp: 35355
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 71.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX040755.D
Acq: 21 Mar 2024 20:03

Tgt Ion: 117 Resp: 66693
Ion Ratio Lower Upper
117 100
82 58.0 46.2 69.4
119 32.6 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040755.D
 Acq: 21 Mar 2024 20:03

Instrument :
 MSVOA_X
 ClientSampleId :
 PB159677ZHE#06

Tgt Ion:152 Resp: 36636
 Ion Ratio Lower Upper
 152 100
 115 63.0 43.3 129.9
 150 156.7 0.0 345.0

