

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032124\
 Data File : VX040753.D
 Acq On : 21 Mar 2024 19:18
 Operator : JC/MD
 Sample : PB159677ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB159677ZHE#04

Quant Time: Mar 22 03:00:07 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)

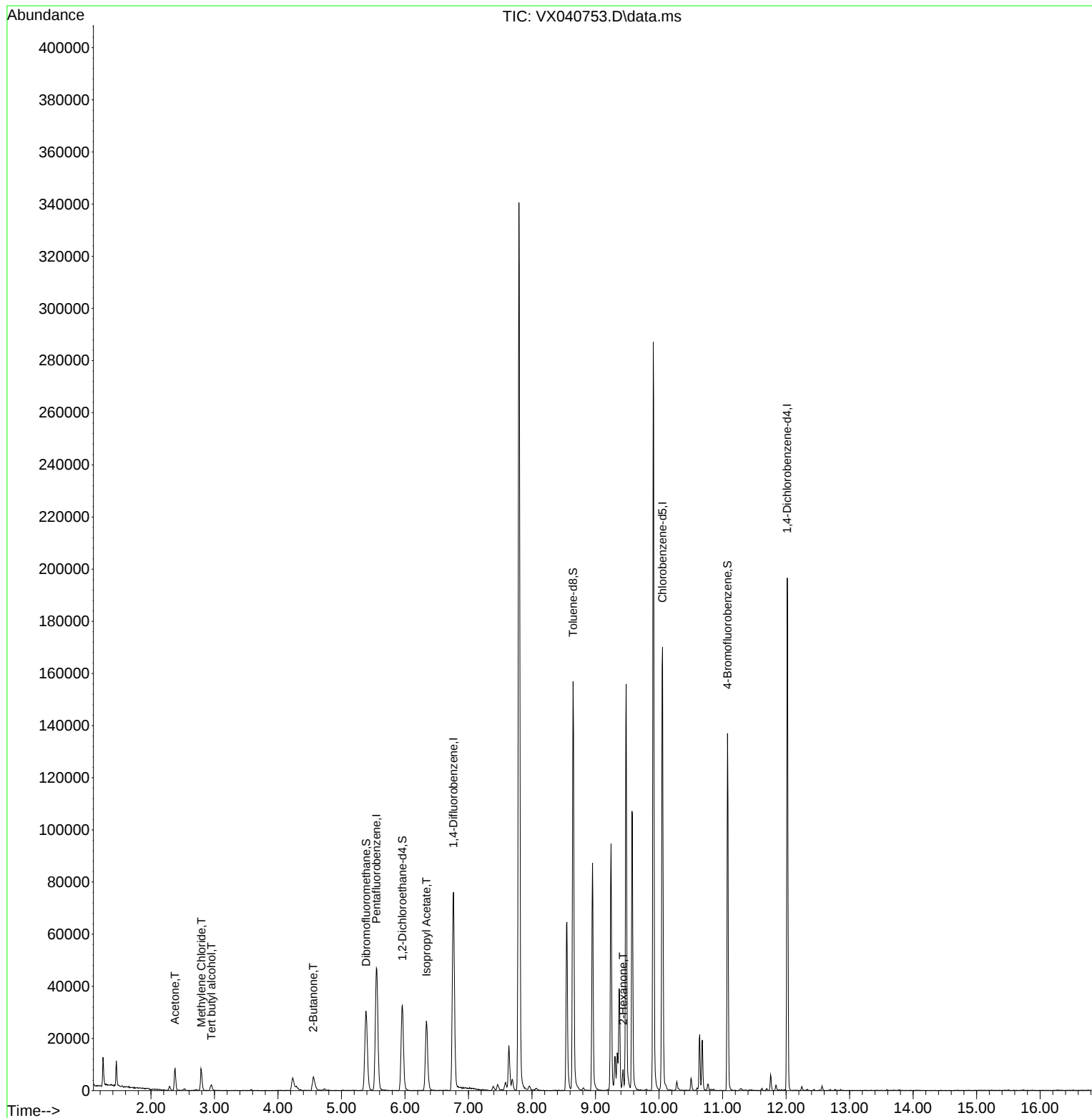
Internal Standards						
1) Pentafluorobenzene	5.549	168	41908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	72597	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	73326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	36625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	32523	46.154	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	92.300%	
35) Dibromofluoromethane	5.385	113	25322	46.615	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	93.240%	
50) Toluene-d8	8.646	98	89947	48.359	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	96.720%	
62) 4-Bromofluorobenzene	11.079	95	34189	46.524	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	93.040%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.952	59	2302	20.400	ug/l #	94
16) Acetone	2.379	43	9015	36.119	ug/l	95
20) Methylene Chloride	2.794	84	3375	6.186	ug/l	88
25) 2-Butanone	4.556	43	9440	24.147	ug/l	99
43) Isopropyl Acetate	6.336	43	37297	26.151	ug/l	98
59) 2-Hexanone	9.433	43	4790	6.991	ug/l	98

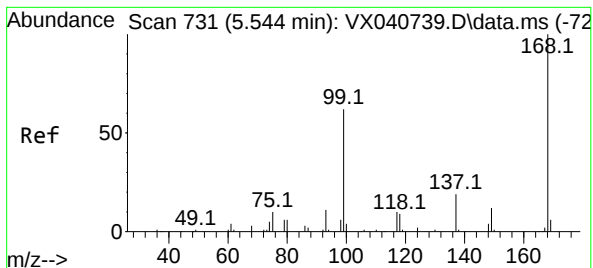
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:41:46 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.549 min Scan# 71

Delta R.T. 0.005 min

Lab File: VX040753.D

Acq: 21 Mar 2024 19:18

Instrument :

MSVOA_X

ClientSampleId :

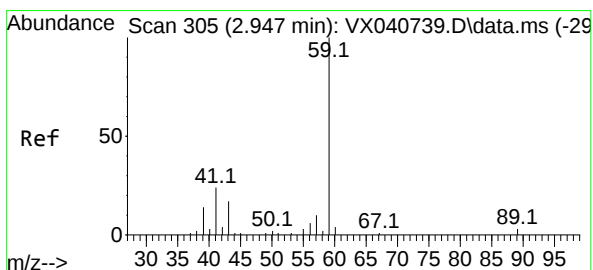
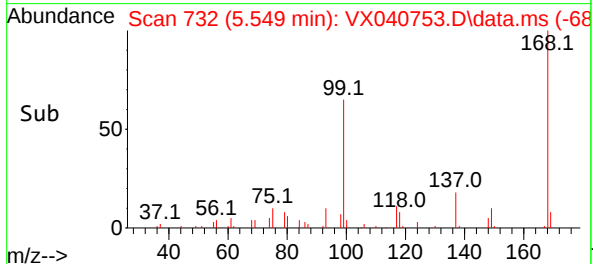
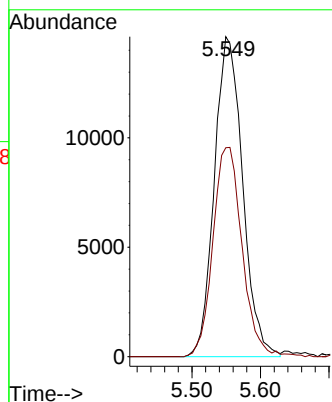
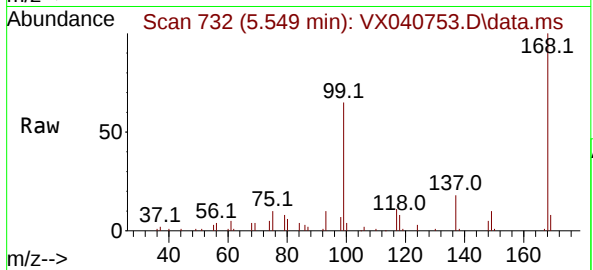
PB159677ZHE#04

Tgt Ion:168 Resp: 41908

Ion Ratio Lower Upper

168 100

99 65.3 56.6 85.0



#11

Tert butyl alcohol

Concen: 20.400 ug/l

RT: 2.952 min Scan# 306

Delta R.T. 0.005 min

Lab File: VX040753.D

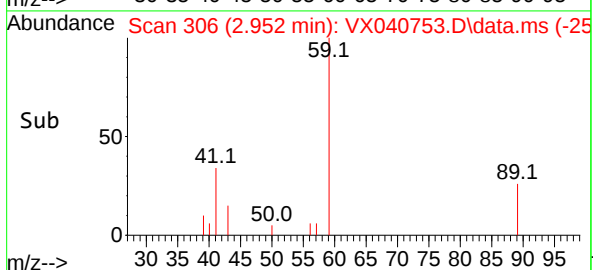
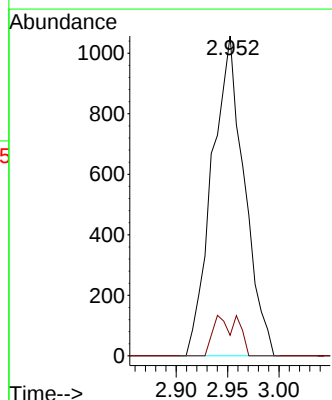
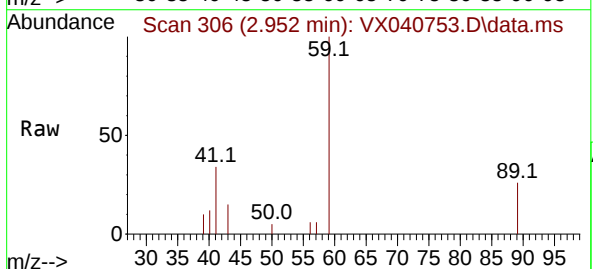
Acq: 21 Mar 2024 19:18

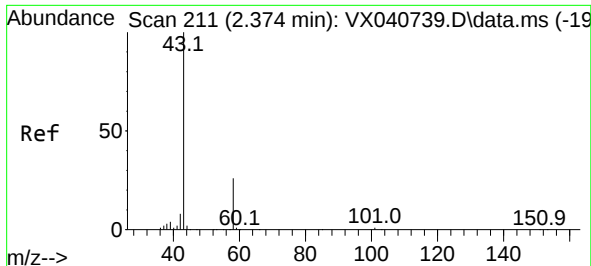
Tgt Ion: 59 Resp: 2302

Ion Ratio Lower Upper

59 100

57 9.6 6.0 9.0#

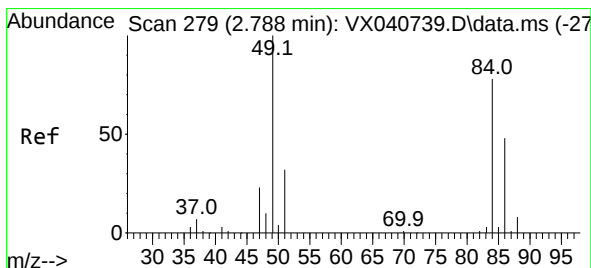
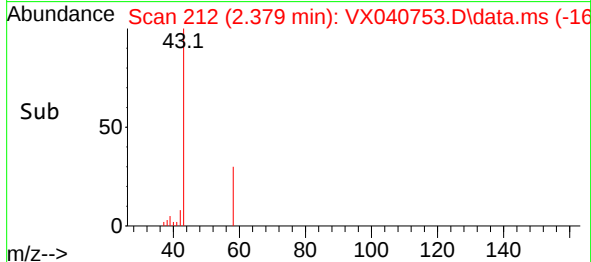
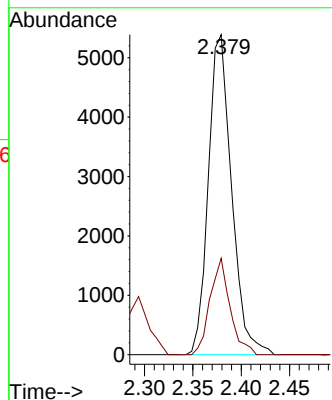
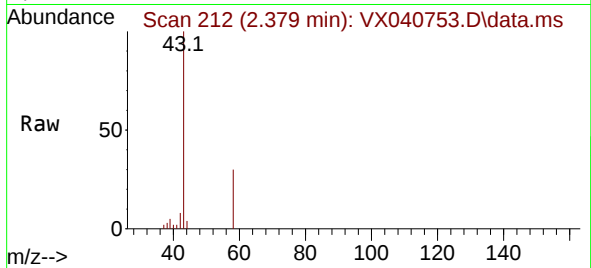




#16
Acetone
Concen: 36.119 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.005 min
Lab File: VX040753.D
Acq: 21 Mar 2024 19:18

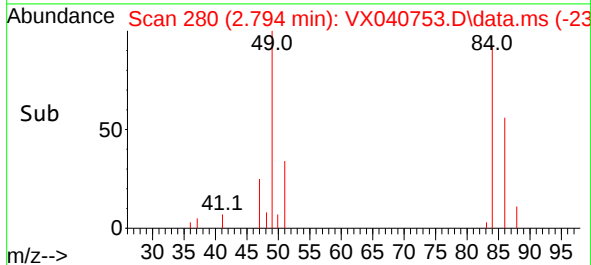
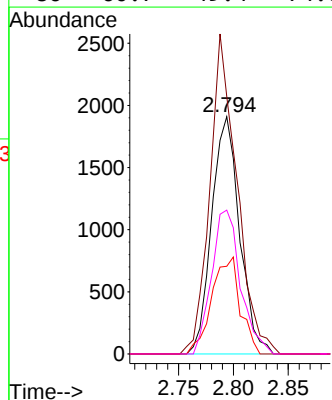
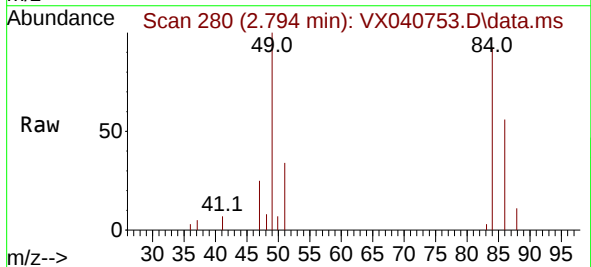
Instrument :
MSVOA_X
ClientSampleId :
PB159677ZHE#04

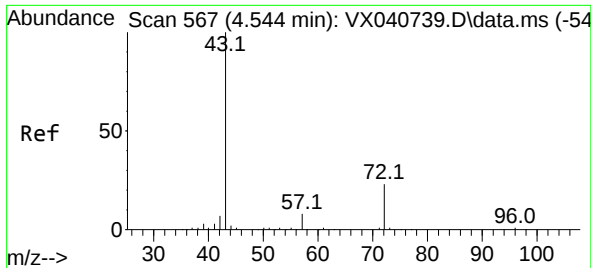
Tgt Ion: 43 Resp: 9015
Ion Ratio Lower Upper
43 100
58 30.1 21.9 32.9



#20
Methylene Chloride
Concen: 6.186 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX040753.D
Acq: 21 Mar 2024 19:18

Tgt Ion: 84 Resp: 3375
Ion Ratio Lower Upper
84 100
49 108.5 103.6 155.4
51 37.0 33.8 50.6
86 60.7 49.4 74.0

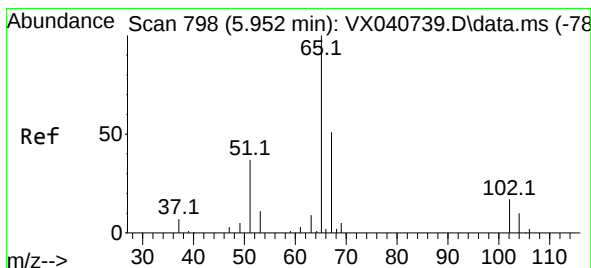
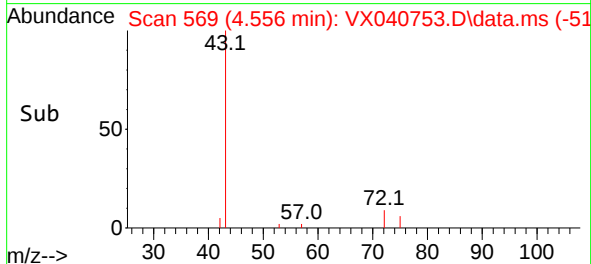
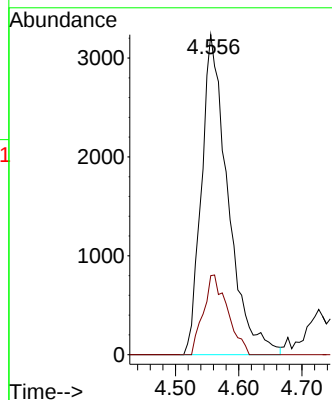
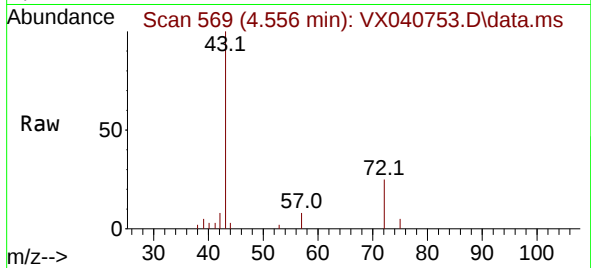




#25
2-Butanone
Concen: 24.147 ug/l
RT: 4.556 min Scan# 509
Delta R.T. 0.012 min
Lab File: VX040753.D
Acq: 21 Mar 2024 19:18

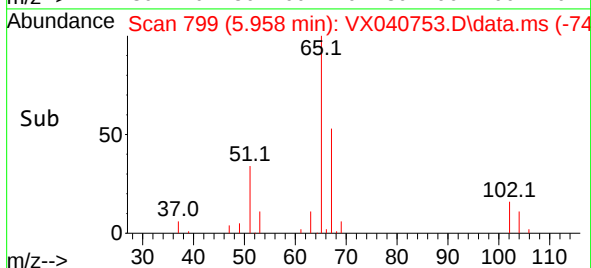
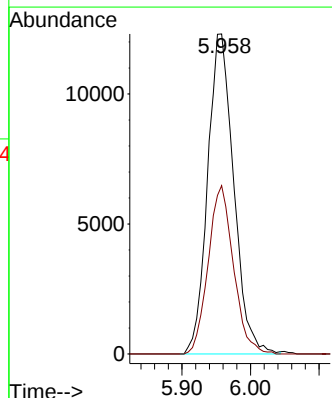
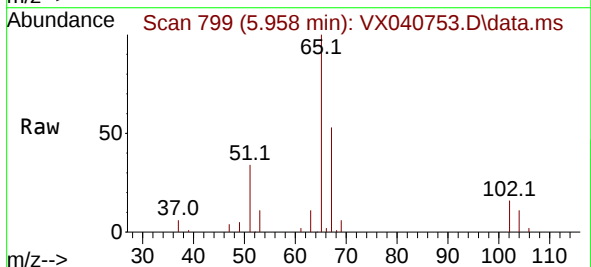
Instrument :
MSVOA_X
ClientSampleId :
PB159677ZHE#04

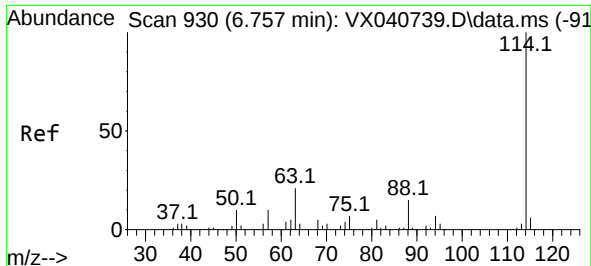
Tgt Ion: 43 Resp: 9440
Ion Ratio Lower Upper
43 100
72 24.7 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 46.154 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040753.D
Acq: 21 Mar 2024 19:18

Tgt Ion: 65 Resp: 32523
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2

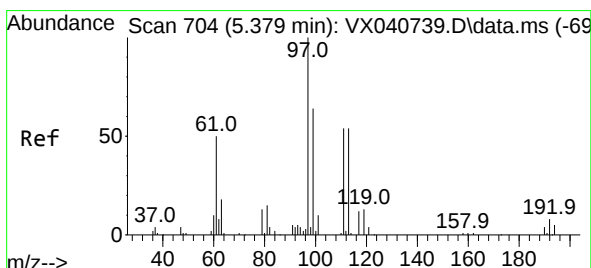
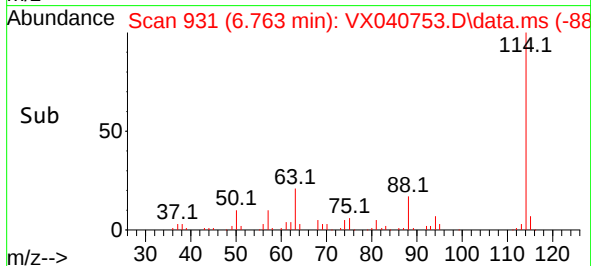
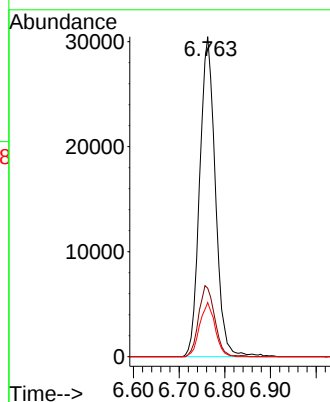
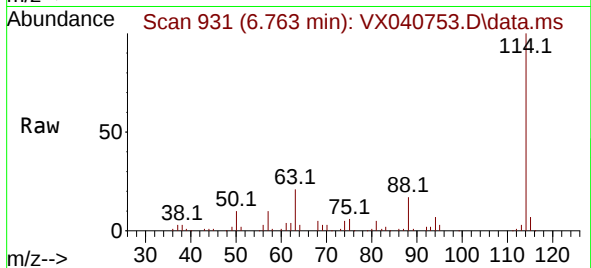




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX040753.D
Acq: 21 Mar 2024 19:18

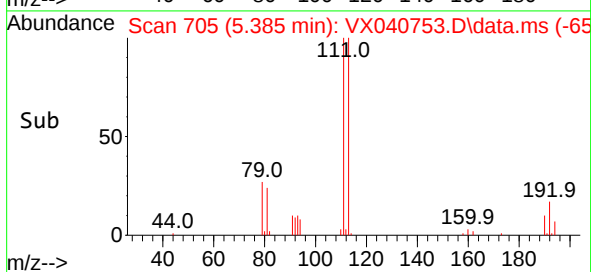
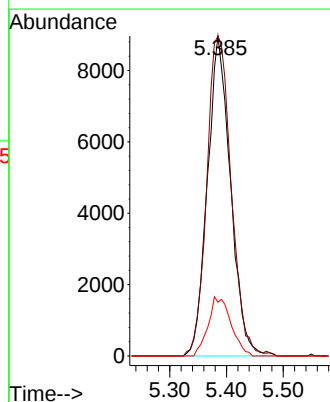
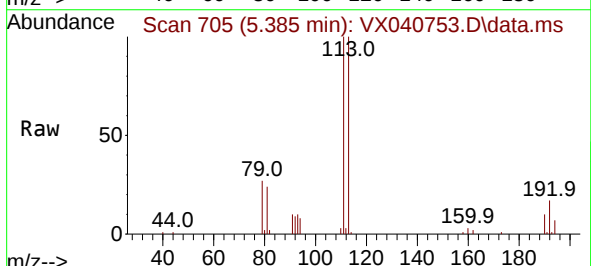
Instrument :
MSVOA_X
ClientSampleId :
PB159677ZHE#04

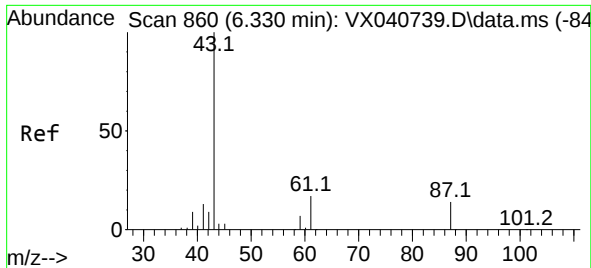
Tgt Ion:114 Resp: 72597
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.0
88 16.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.615 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040753.D
Acq: 21 Mar 2024 19:18

Tgt Ion:113 Resp: 25322
Ion Ratio Lower Upper
113 100
111 105.9 82.9 124.3
192 18.3 13.3 19.9

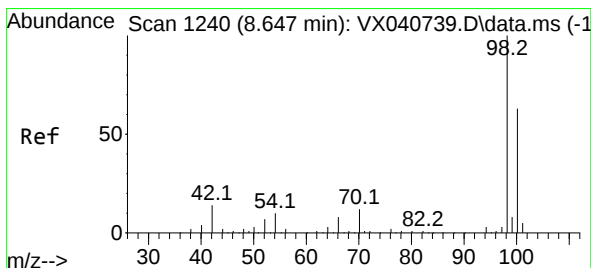
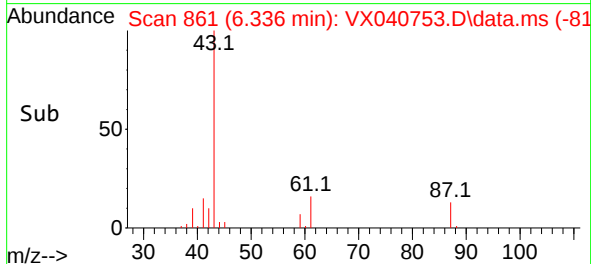
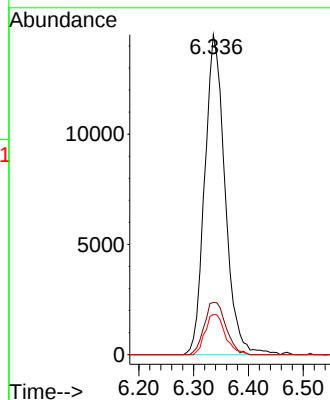
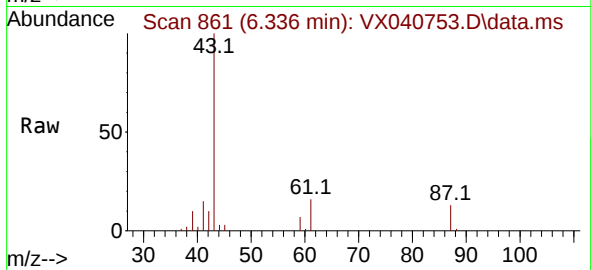




#43
Isopropyl Acetate
Concen: 26.151 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX040753.D
Acq: 21 Mar 2024 19:18

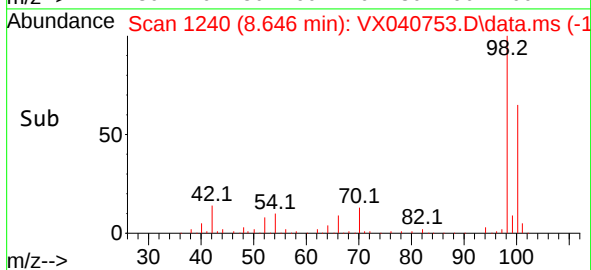
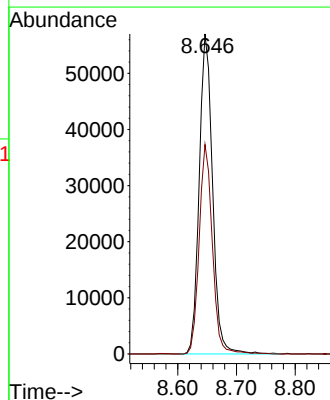
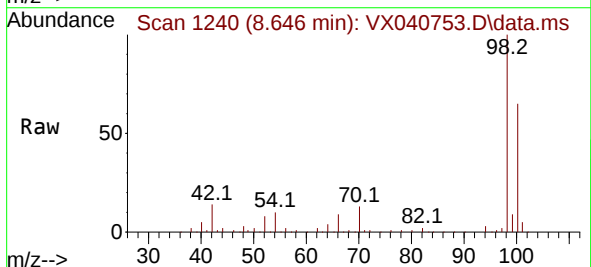
Instrument :
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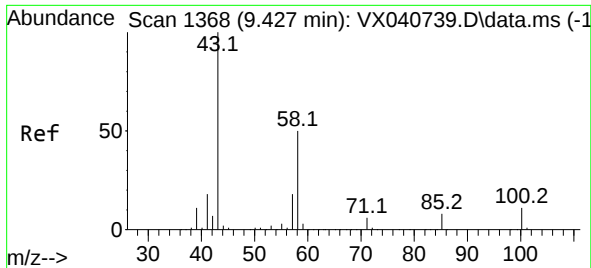
Tgt Ion: 43 Resp: 37297
Ion Ratio Lower Upper
43 100
61 17.5 15.2 22.8
87 12.4 9.8 14.6



#50
Toluene-d8
Concen: 48.359 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040753.D
Acq: 21 Mar 2024 19:18

Tgt Ion: 98 Resp: 89947
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7

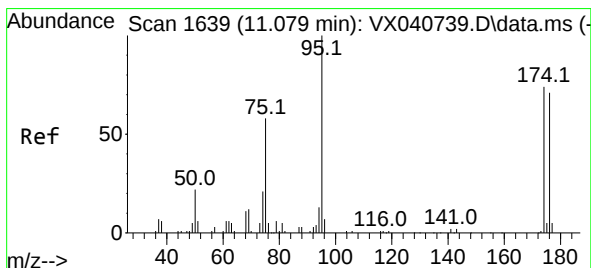
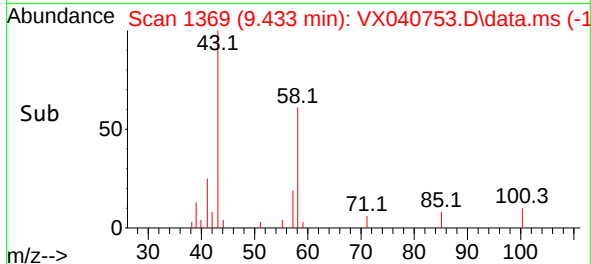
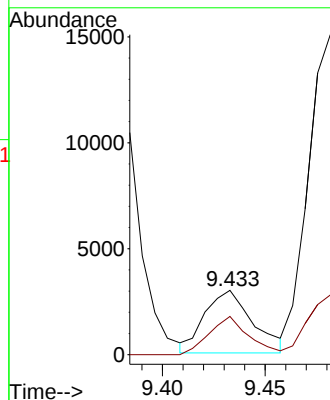
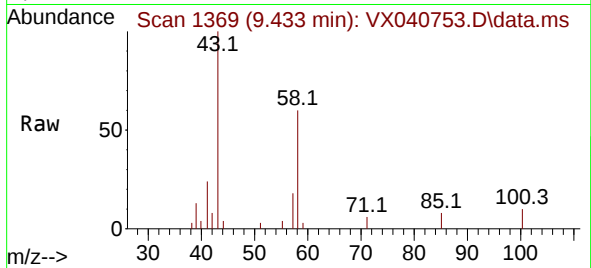




#59
2-Hexanone
Concen: 6.991 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040753.D
Acq: 21 Mar 2024 19:18

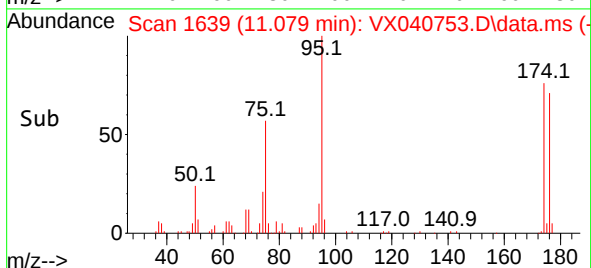
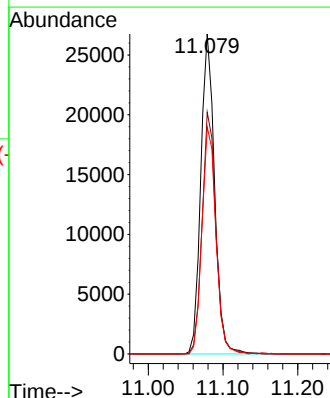
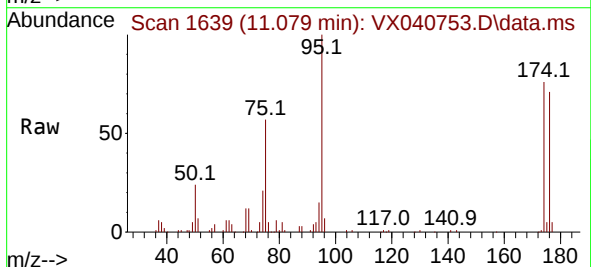
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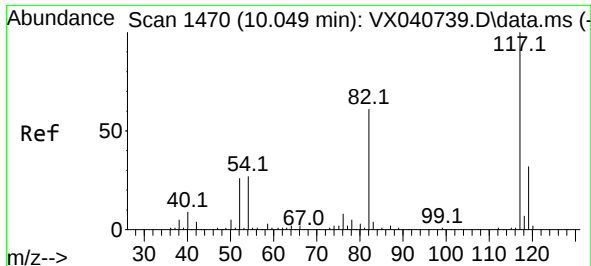
Tgt Ion: 43 Resp: 4790
Ion Ratio Lower Upper
43 100
58 50.7 26.2 78.5



#62
4-Bromofluorobenzene
Concen: 46.524 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040753.D
Acq: 21 Mar 2024 19:18

Tgt Ion: 95 Resp: 34189
Ion Ratio Lower Upper
95 100
174 75.8 0.0 135.6
176 72.0 0.0 131.0

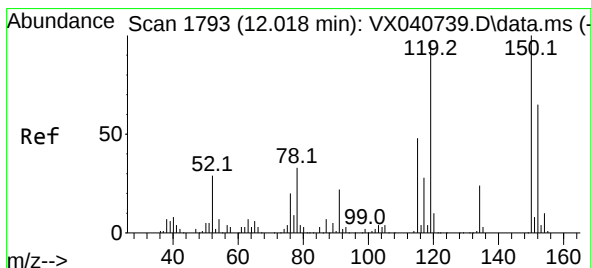
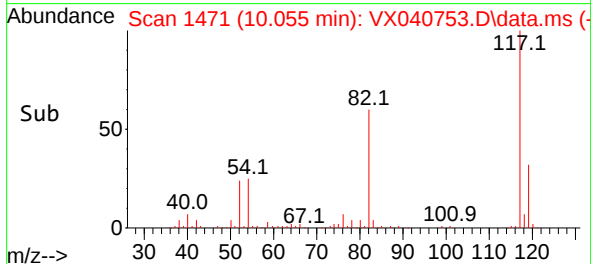
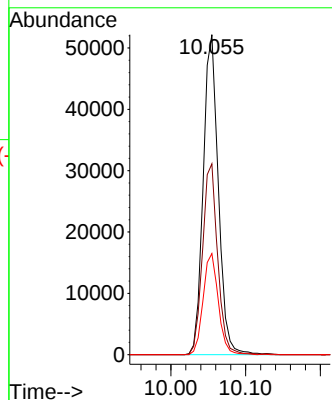
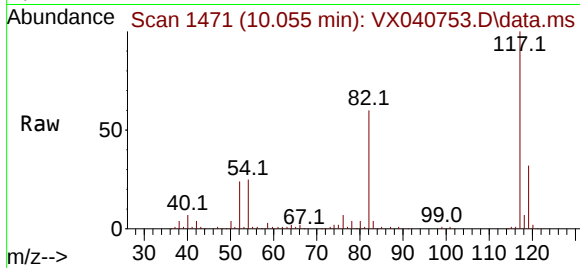




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX040753.D
Acq: 21 Mar 2024 19:18

Instrument :
MSVOA_X
ClientSampleId :
PB159677ZHE#04

Tgt Ion:117 Resp: 73326
Ion Ratio Lower Upper
117 100
82 59.7 46.2 69.4
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX040753.D
Acq: 21 Mar 2024 19:18

Tgt Ion:152 Resp: 36625
Ion Ratio Lower Upper
152 100
115 62.6 43.3 129.9
150 157.5 0.0 345.0

