

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011924\
 Data File : VX039865.D
 Acq On : 20 Jan 2024 01:48
 Operator : JC/MD
 Sample : PB158526ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB158526ZHE#08

Quant Time: Jan 20 03:57:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

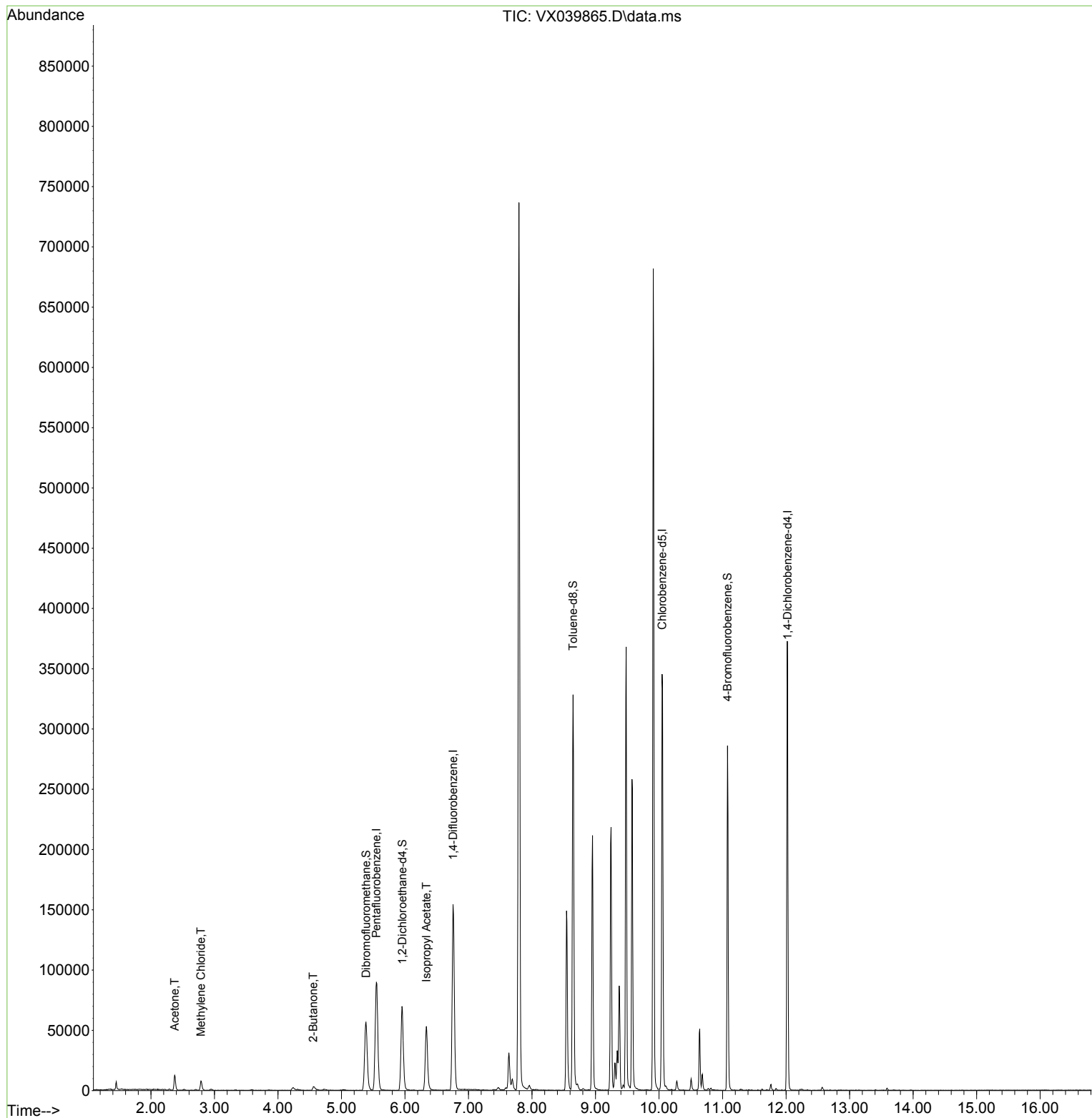
Internal Standards						
1) Pentafluorobenzene	5.550	168	81053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	151154	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	147934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63610	46.849	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.700%
35) Dibromofluoromethane	5.385	113	48906	48.037	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.080%
50) Toluene-d8	8.647	98	190128	49.515	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.040%
62) 4-Bromofluorobenzene	11.079	95	73461	48.924	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.840%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	13209	17.298	ug/l	96
20) Methylene Chloride	2.788	84	3619	3.133	ug/l	94
25) 2-Butanone	4.556	43	6048	5.512	ug/l	91
43) Isopropyl Acetate	6.336	43	72748	23.457	ug/l	98

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

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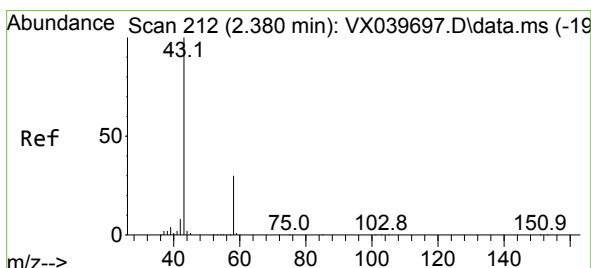
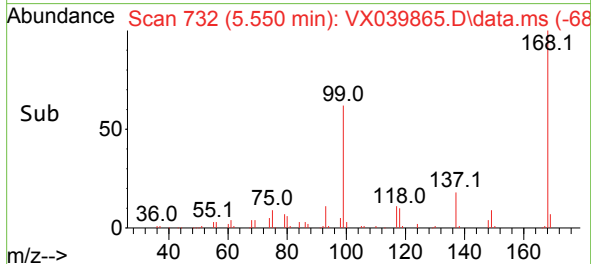
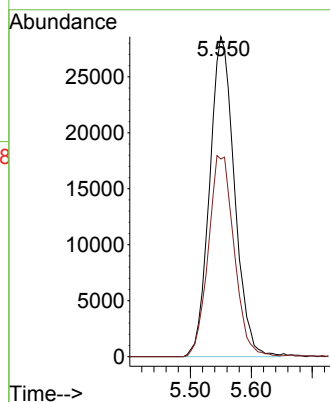
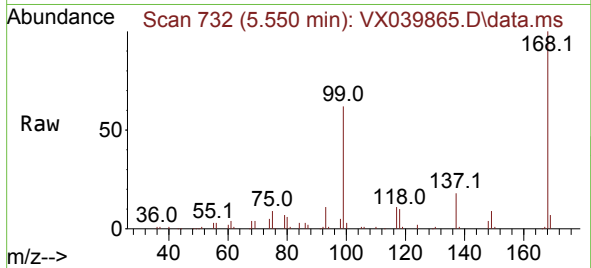




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039865.D
Acq: 20 Jan 2024 01:48

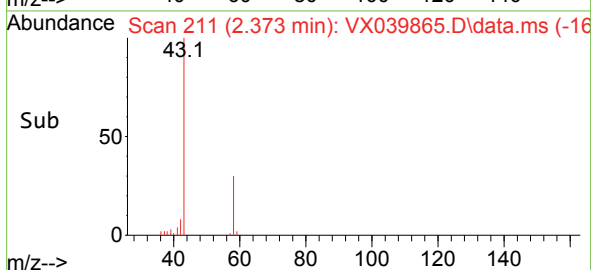
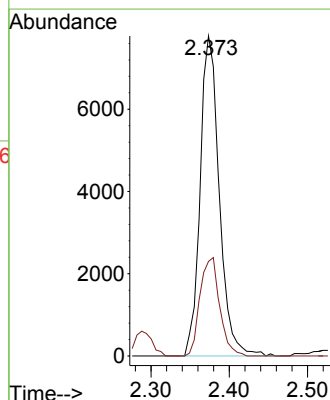
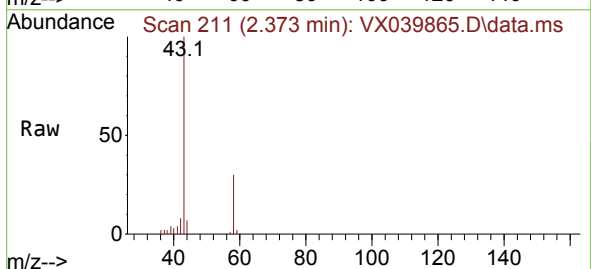
Instrument :
MSVOA_X
ClientSampleId :
PB158526ZHE#08

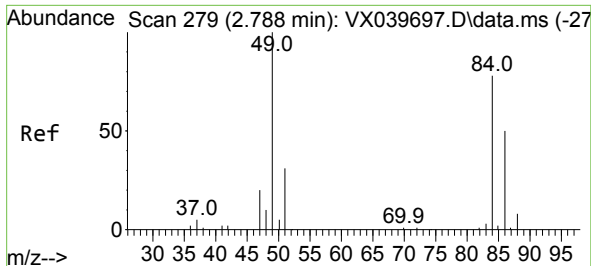
Tgt Ion:168 Resp: 81053
Ion Ratio Lower Upper
168 100
99 61.8 56.6 85.0



#16
Acetone
Concen: 17.298 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039865.D
Acq: 20 Jan 2024 01:48

Tgt Ion: 43 Resp: 13209
Ion Ratio Lower Upper
43 100
58 29.5 21.9 32.9





#20

Methylene Chloride

Concen: 3.133 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX039865.D

Acq: 20 Jan 2024 01:48

Instrument :

MSVOA_X

ClientSampleId :

PB158526ZHE#08

Tgt Ion: 84 Resp: 3619

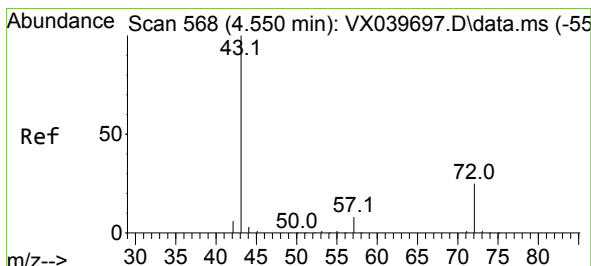
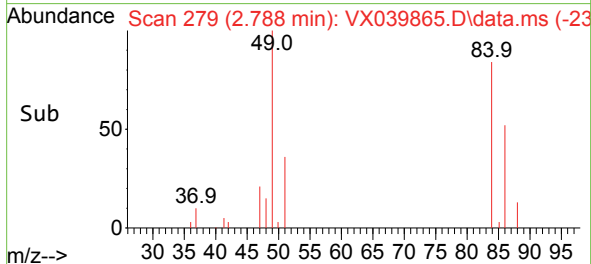
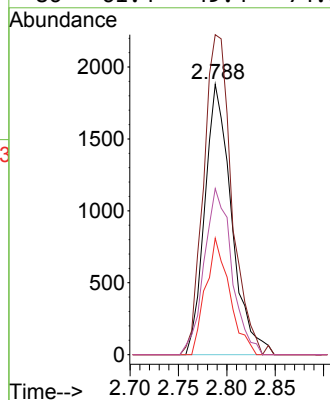
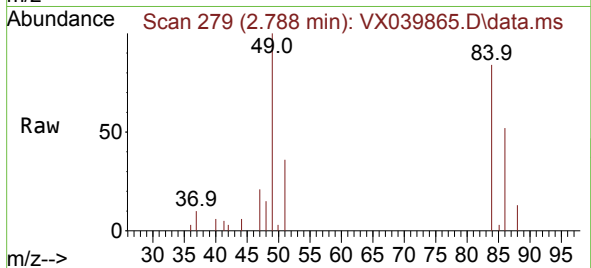
Ion Ratio Lower Upper

84 100

49 118.4 103.6 155.4

51 43.1 33.8 50.6

86 61.4 49.4 74.0



#25

2-Butanone

Concen: 5.512 ug/l

RT: 4.556 min Scan# 569

Delta R.T. 0.006 min

Lab File: VX039865.D

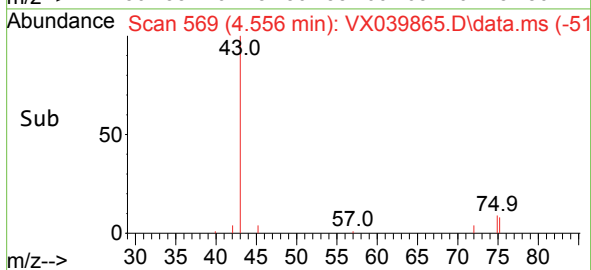
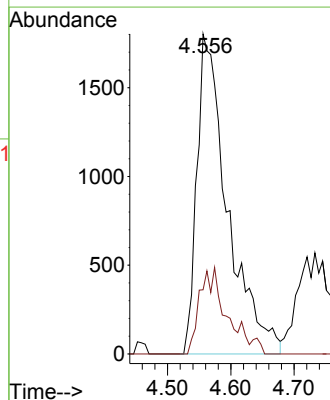
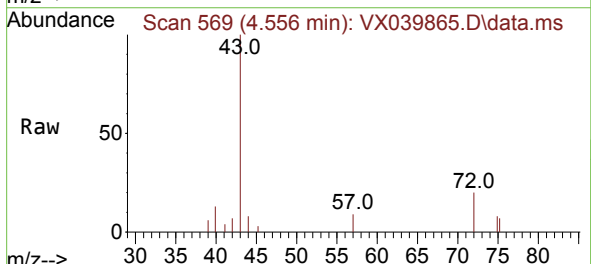
Acq: 20 Jan 2024 01:48

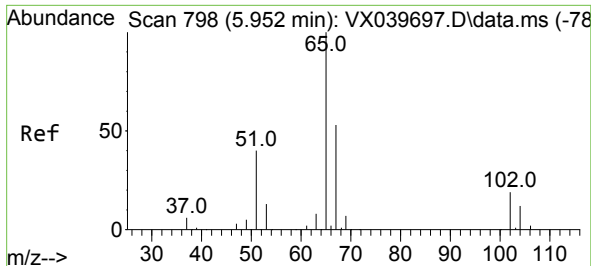
Tgt Ion: 43 Resp: 6048

Ion Ratio Lower Upper

43 100

72 20.1 19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 46.849 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX039865.D

Acq: 20 Jan 2024 01:48

Instrument :

MSVOA_X

ClientSampleId :

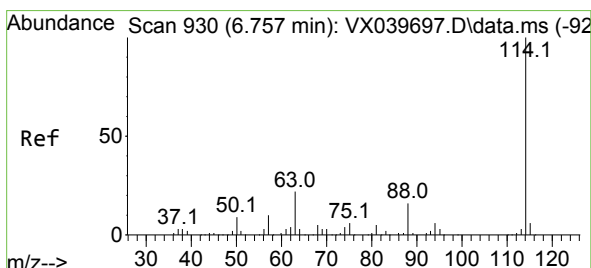
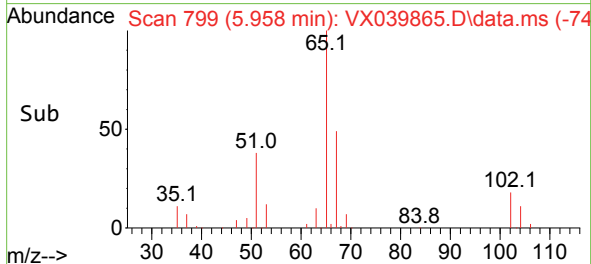
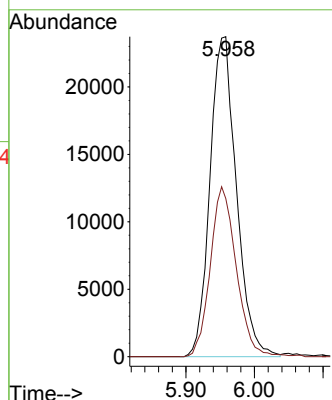
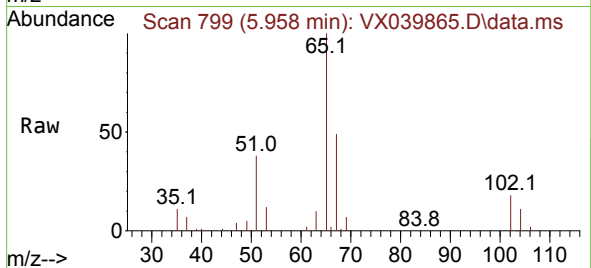
PB158526ZHE#08

Tgt Ion: 65 Resp: 63610

Ion Ratio Lower Upper

65 100

67 52.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX039865.D

Acq: 20 Jan 2024 01:48

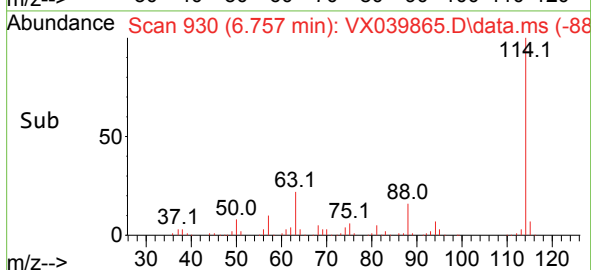
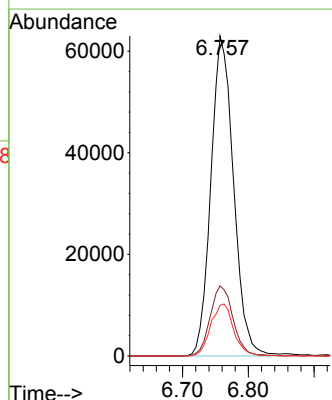
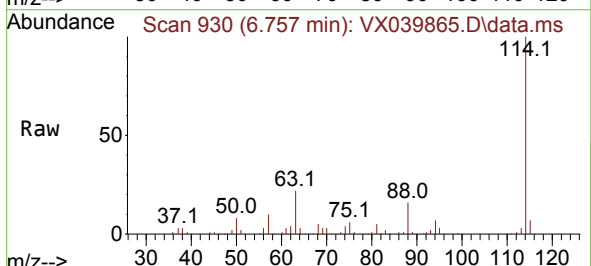
Tgt Ion: 114 Resp: 151154

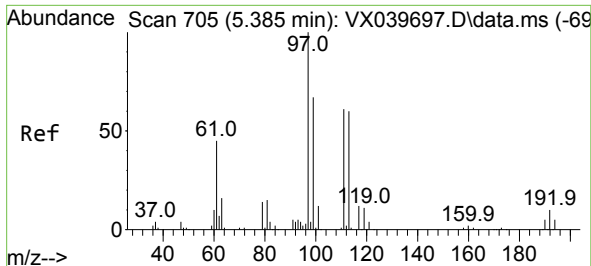
Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.0

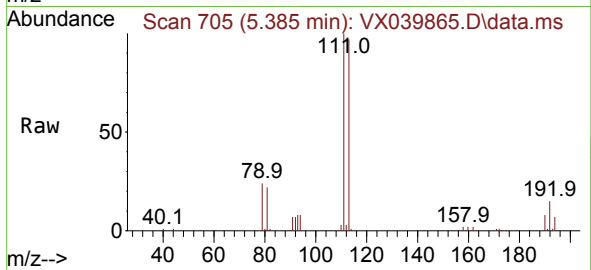
88 15.8 0.0 36.6



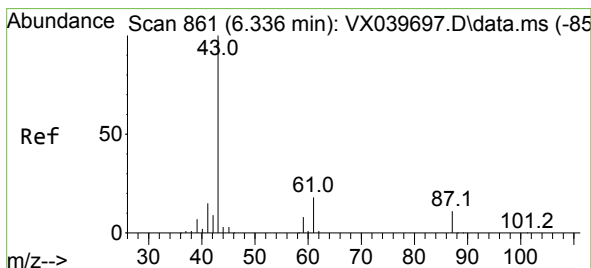
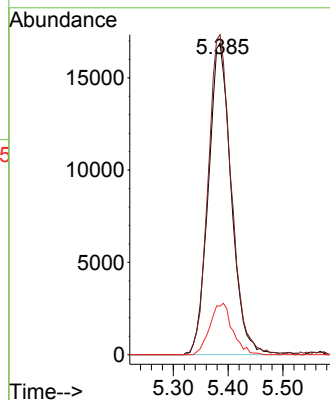
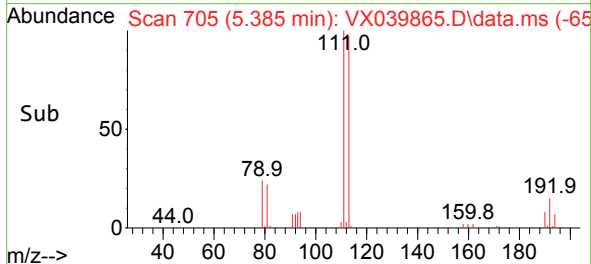


#35
Dibromofluoromethane
Concen: 48.037 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039865.D
Acq: 20 Jan 2024 01:48

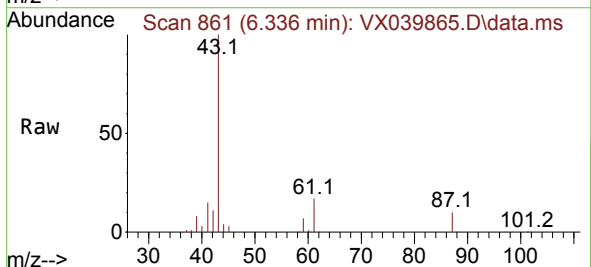
Instrument :
MSVOA_X
ClientSampleId :
PB158526ZHE#08



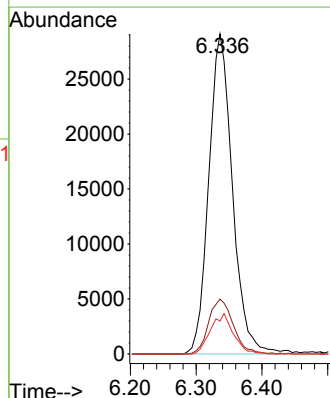
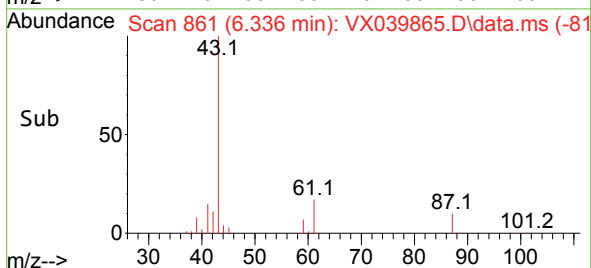
Tgt Ion:113 Resp: 48906
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 16.2 13.3 19.9

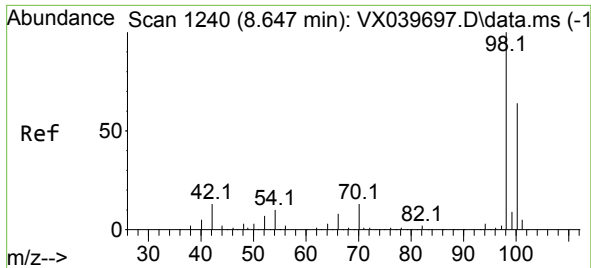


#43
Isopropyl Acetate
Concen: 23.457 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039865.D
Acq: 20 Jan 2024 01:48



Tgt Ion: 43 Resp: 72748
Ion Ratio Lower Upper
43 100
61 17.8 15.2 22.8
87 12.2 9.8 14.6

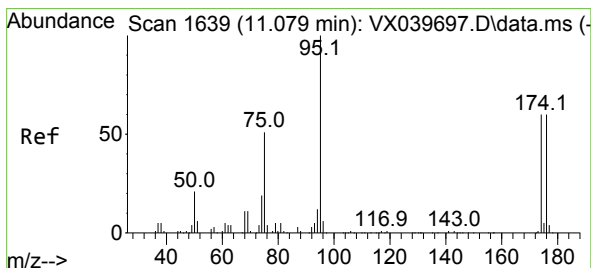
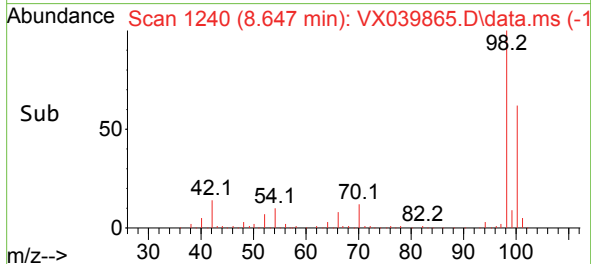
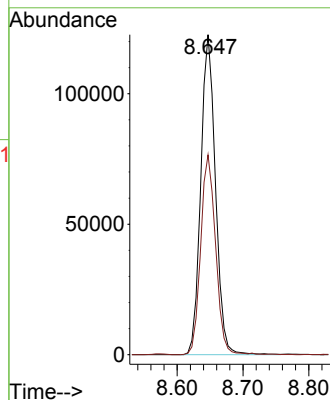
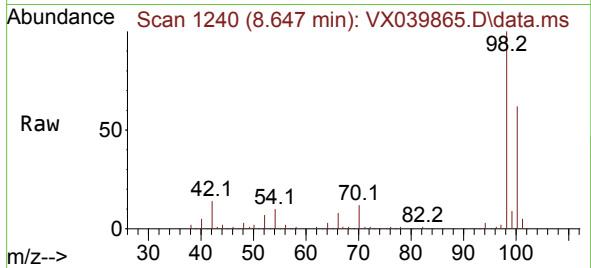




#50
Toluene-d8
Concen: 49.515 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039865.D
Acq: 20 Jan 2024 01:48

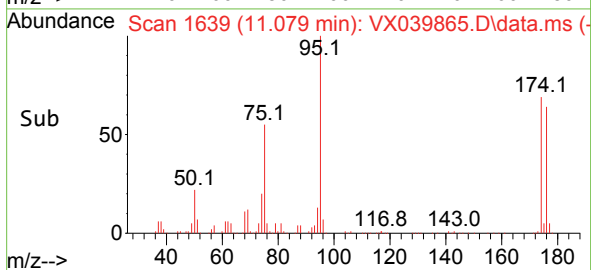
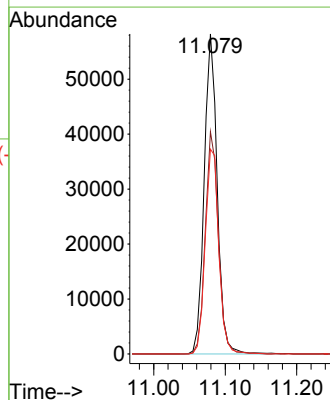
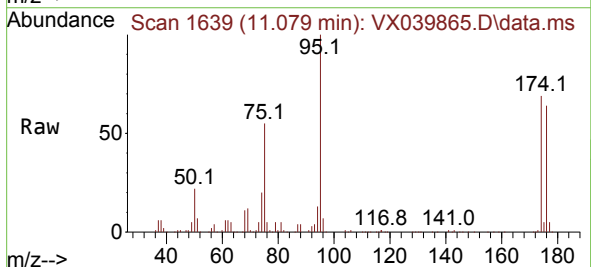
Instrument :
MSVOA_X
ClientSampleId :
PB158526ZHE#08

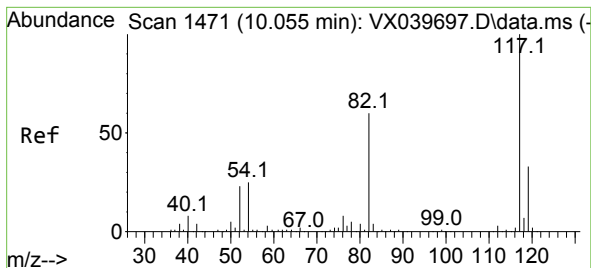
Tgt Ion: 98 Resp: 190128
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.924 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039865.D
Acq: 20 Jan 2024 01:48

Tgt Ion: 95 Resp: 73461
Ion Ratio Lower Upper
95 100
174 70.2 0.0 135.6
176 66.9 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VX039865.D

Acq: 20 Jan 2024 01:48

Instrument :

MSVOA_X

ClientSampleId :

PB158526ZHE#08

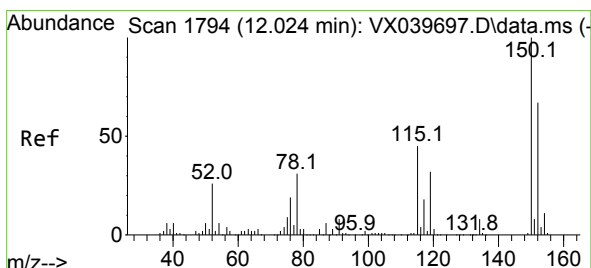
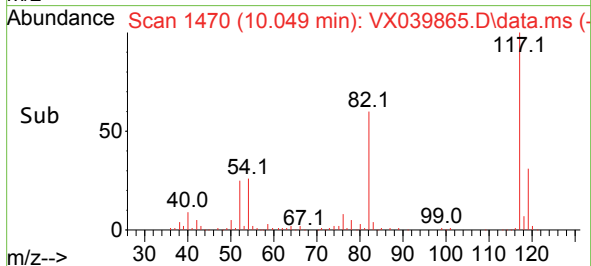
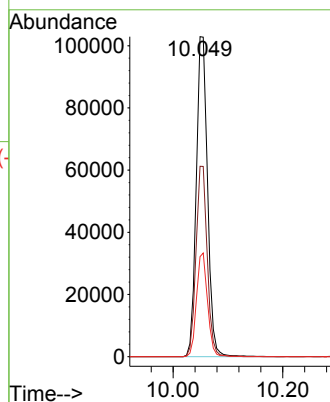
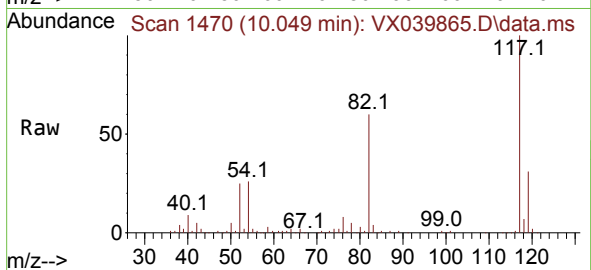
Tgt Ion:117 Resp: 147934

Ion Ratio Lower Upper

117 100

82 59.5 46.2 69.4

119 31.3 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: VX039865.D

Acq: 20 Jan 2024 01:48

Tgt Ion:152 Resp: 71052

Ion Ratio Lower Upper

152 100

115 63.5 43.3 129.9

150 154.6 0.0 345.0

