

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061324\
 Data File : VX041858.D
 Acq On : 13 Jun 2024 16:51
 Operator : JC/MD
 Sample : PB161467ZHE#13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB161467ZHE#13

Quant Time: Jun 14 01:49:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

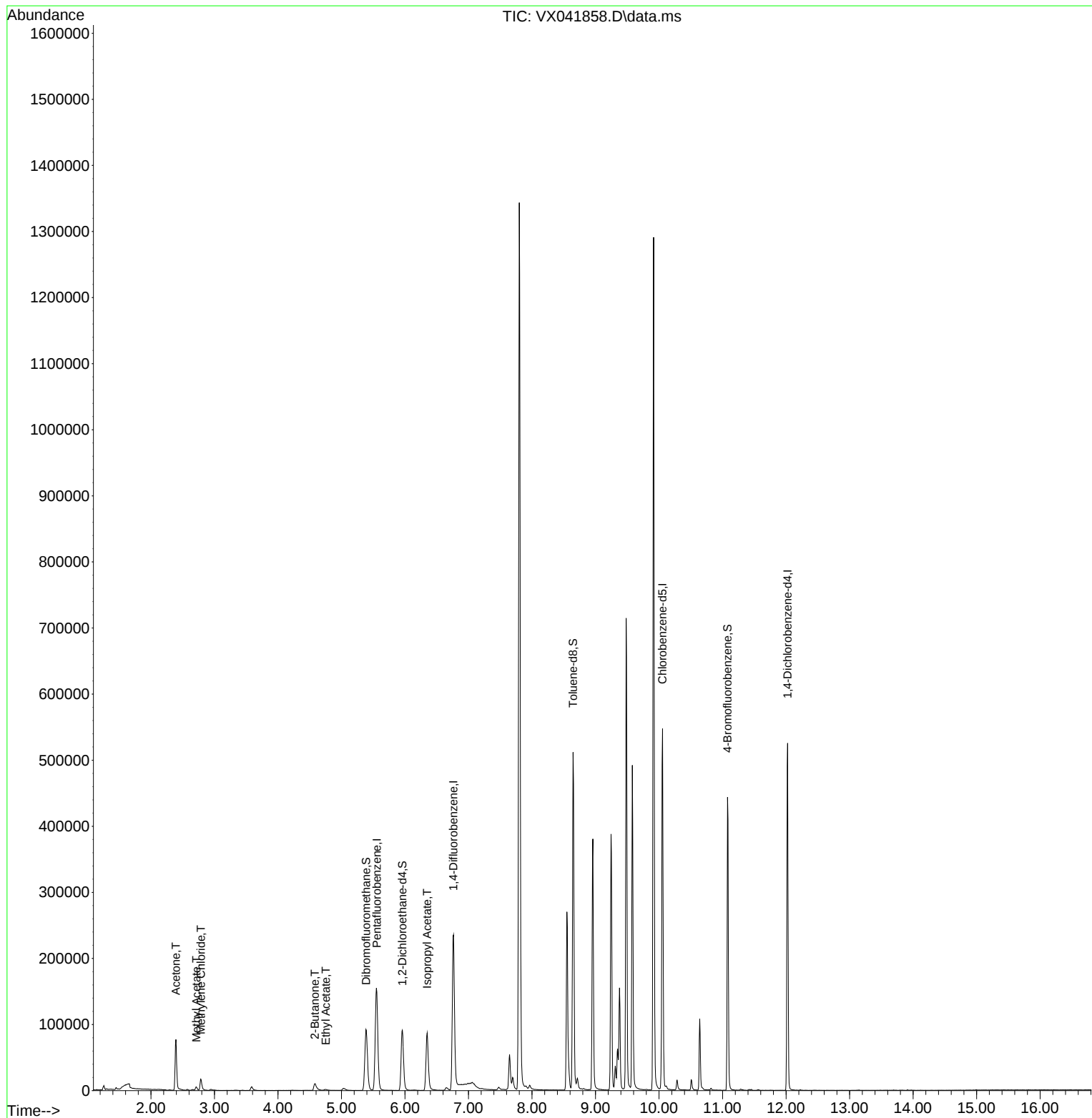
Internal Standards						
1) Pentafluorobenzene	5.556	168	172707	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	266878	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	262095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88773	41.910	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.820%
35) Dibromofluoromethane	5.385	113	83111	45.042	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.080%
50) Toluene-d8	8.647	98	315839	48.988	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.980%
62) 4-Bromofluorobenzene	11.079	95	116201	48.833	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.660%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	88725	93.624	ug/l	# 87
18) Methyl Acetate	2.715	43	7145	3.533	ug/l	96
20) Methylene Chloride	2.788	84	9581	5.054	ug/l	# 89
25) 2-Butanone	4.580	43	21669	16.460	ug/l	96
37) Ethyl Acetate	4.751	43	3320	1.177	ug/l	# 89
43) Isopropyl Acetate	6.348	43	120641	28.339	ug/l	# 95

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

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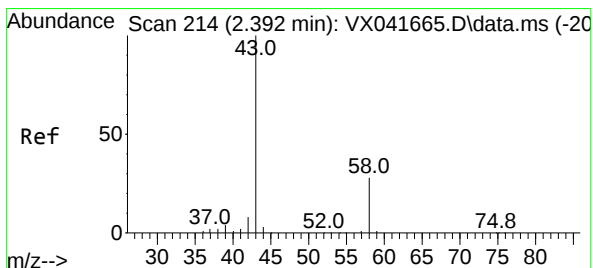
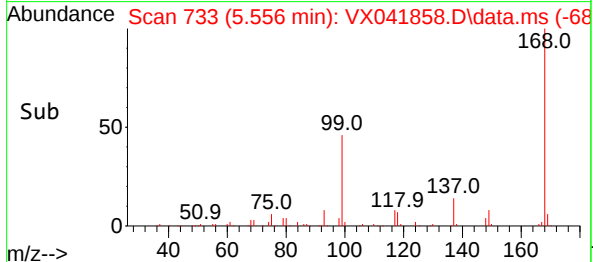
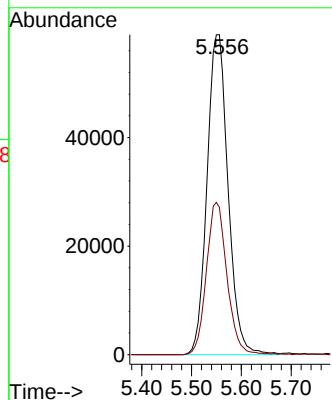
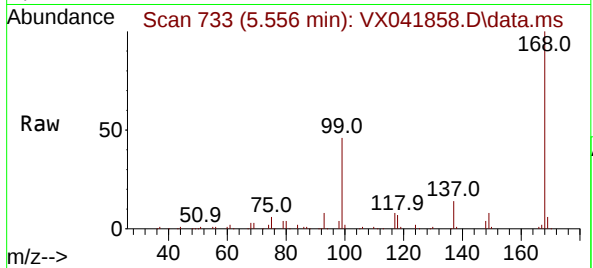




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX041858.D
Acq: 13 Jun 2024 16:51

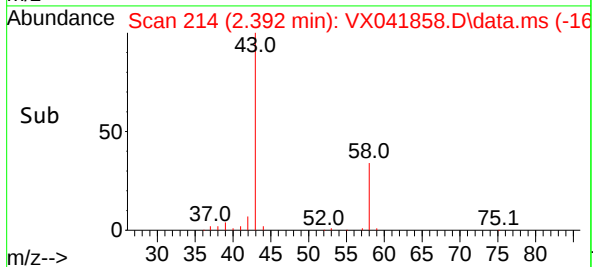
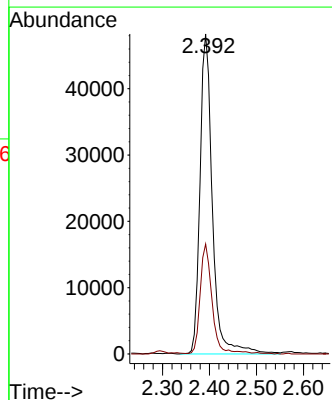
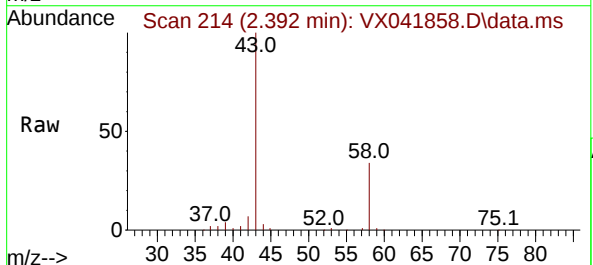
Instrument :
MSVOA_X
ClientSampleId :
PB161467ZHE#13

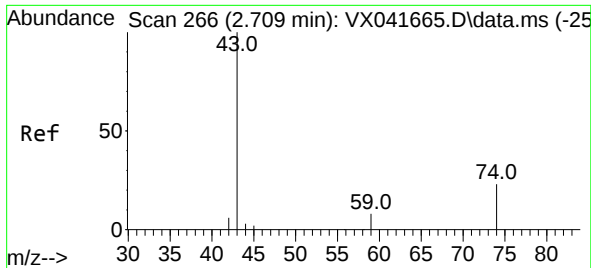
Tgt Ion:168 Resp: 172707
Ion Ratio Lower Upper
168 100
99 46.0 56.6 85.0#



#16
Acetone
Concen: 93.624 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041858.D
Acq: 13 Jun 2024 16:51

Tgt Ion: 43 Resp: 88725
Ion Ratio Lower Upper
43 100
58 34.3 21.9 32.9#

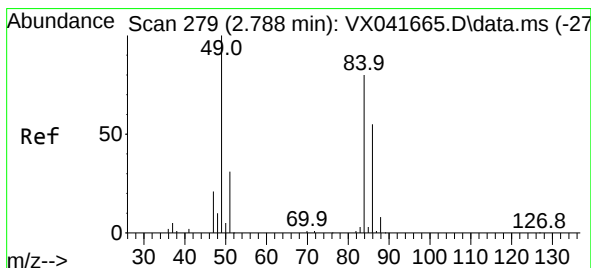
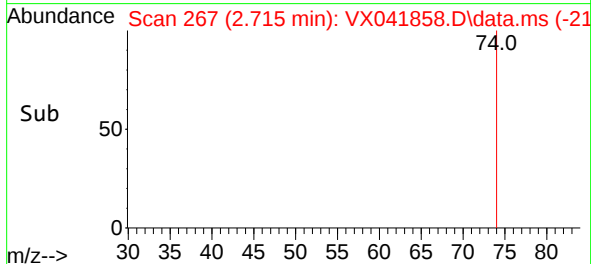
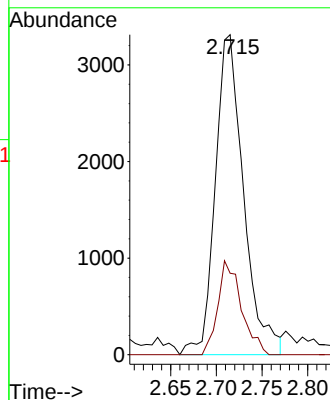
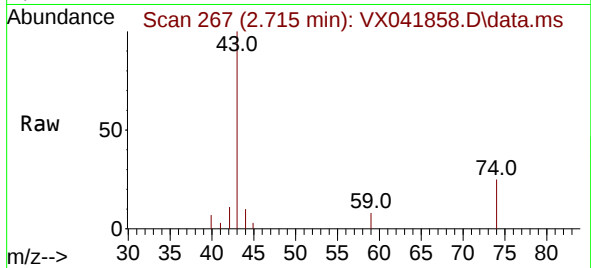




#18
Methyl Acetate
Concen: 3.533 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX041858.D
Acq: 13 Jun 2024 16:51

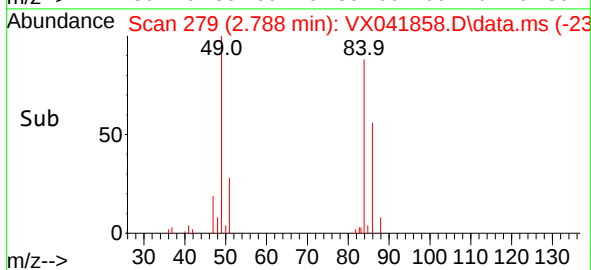
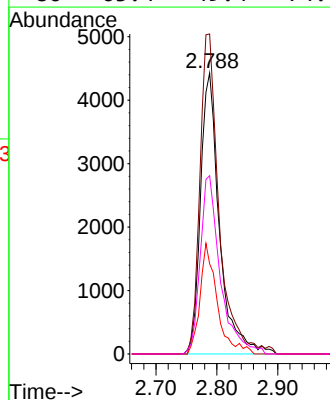
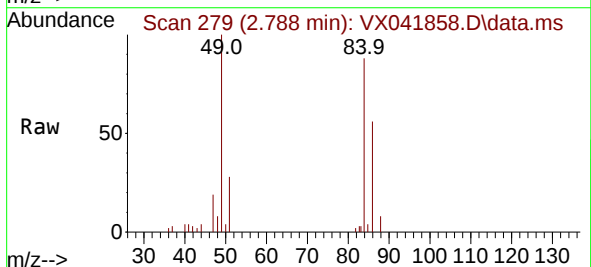
Instrument :
MSVOA_X
ClientSampleId :
PB161467ZHE#13

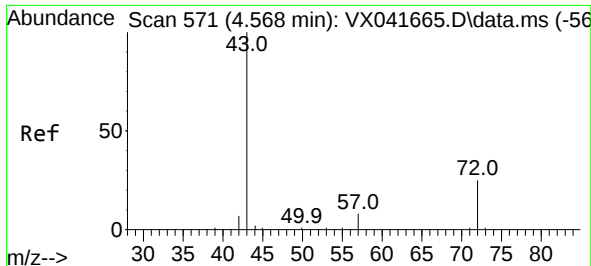
Tgt Ion: 43 Resp: 7145
Ion Ratio Lower Upper
43 100
74 24.4 17.8 26.8



#20
Methylene Chloride
Concen: 5.054 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041858.D
Acq: 13 Jun 2024 16:51

Tgt Ion: 84 Resp: 9581
Ion Ratio Lower Upper
84 100
49 113.9 103.6 155.4
51 32.1 33.8 50.6#
86 63.4 49.4 74.0

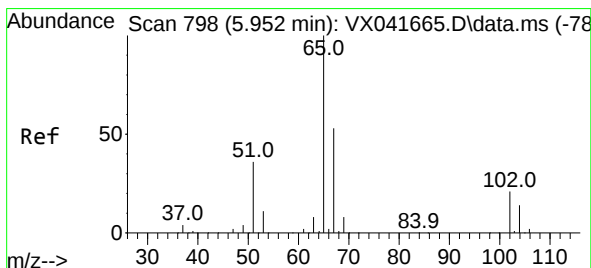
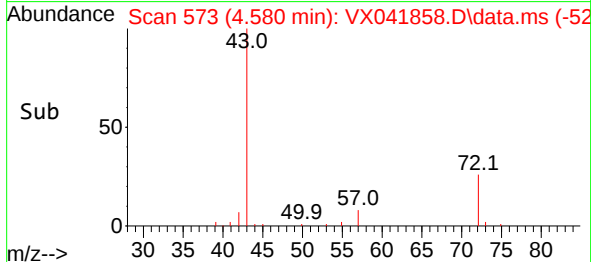
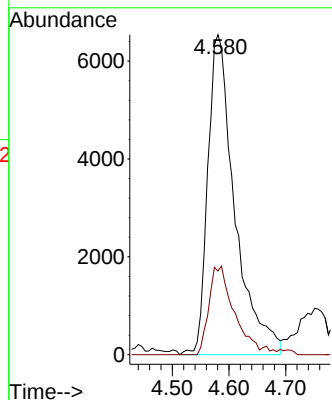
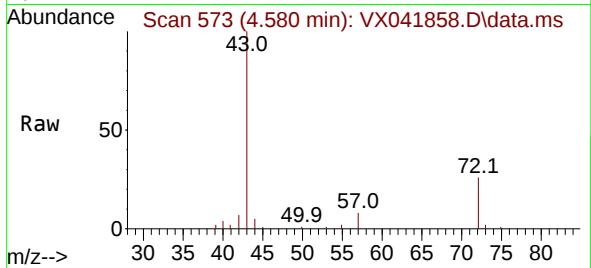




#25
2-Butanone
Concen: 16.460 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX041858.D
Acq: 13 Jun 2024 16:51

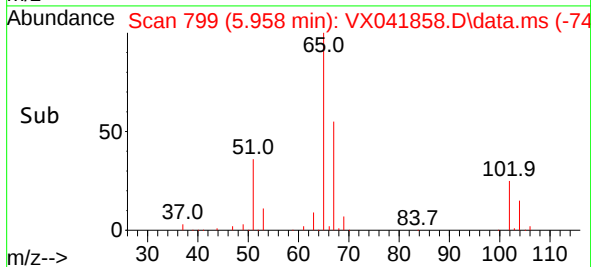
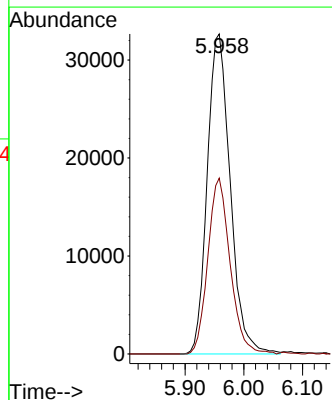
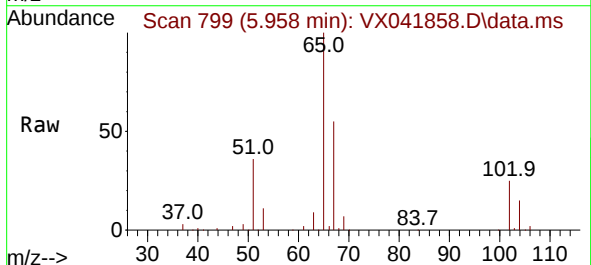
Instrument :
MSVOA_X
ClientSampleId :
PB161467ZHE#13

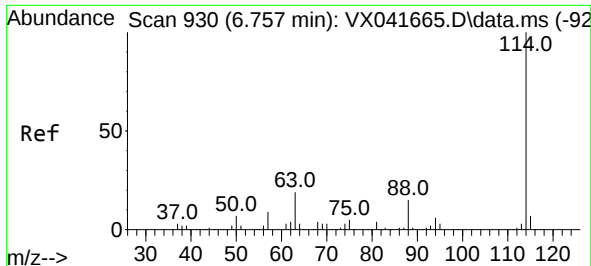
Tgt Ion: 43 Resp: 21669
Ion Ratio Lower Upper
43 100
72 26.2 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 41.910 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041858.D
Acq: 13 Jun 2024 16:51

Tgt Ion: 65 Resp: 88773
Ion Ratio Lower Upper
65 100
67 53.3 0.0 100.2

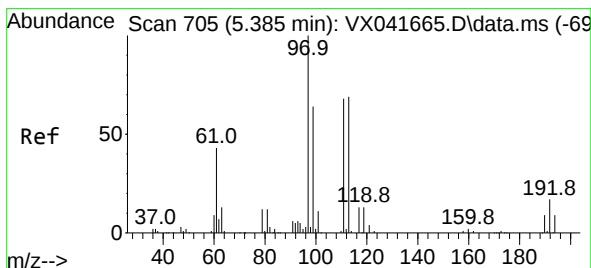
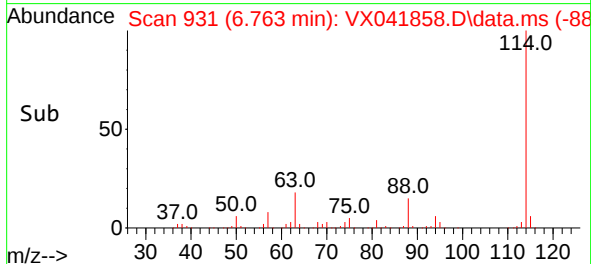
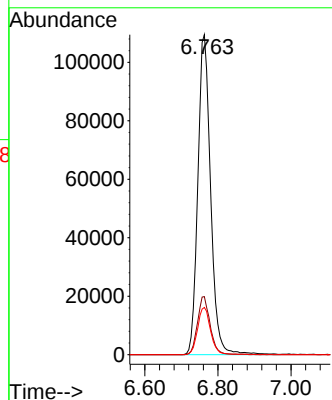
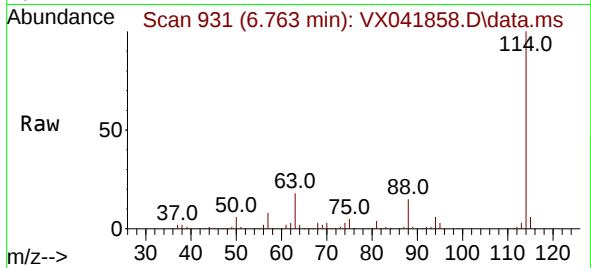




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX041858.D
Acq: 13 Jun 2024 16:51

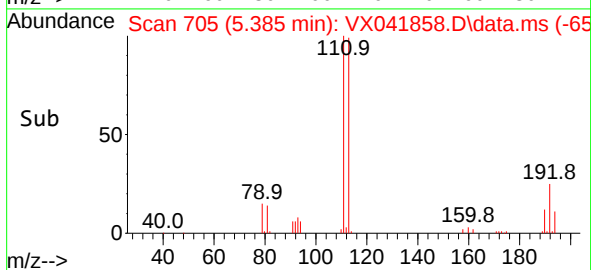
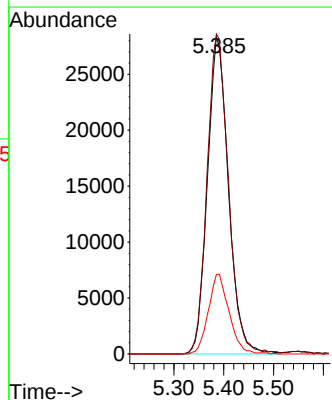
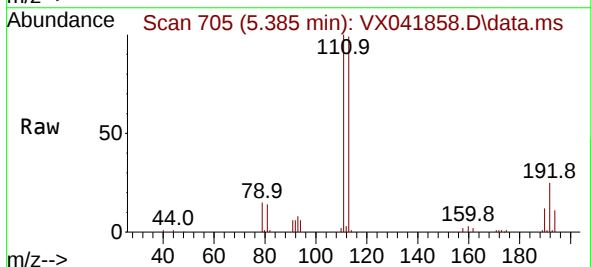
Instrument :
MSVOA_X
ClientSampleId :
PB161467ZHE#13

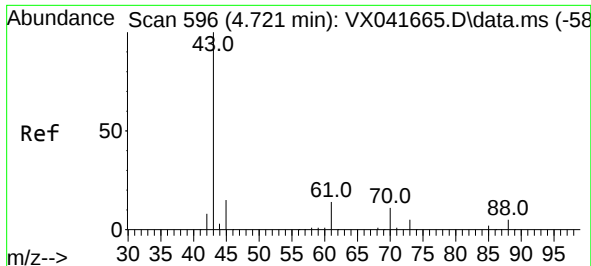
Tgt Ion:114 Resp: 266878
Ion Ratio Lower Upper
114 100
63 18.2 0.0 45.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.042 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041858.D
Acq: 13 Jun 2024 16:51

Tgt Ion:113 Resp: 83111
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 24.6 13.3 19.9#





#37

Ethyl Acetate

Concen: 1.177 ug/l

RT: 4.751 min Scan# 601

Delta R.T. 0.031 min

Lab File: VX041858.D

Acq: 13 Jun 2024 16:51

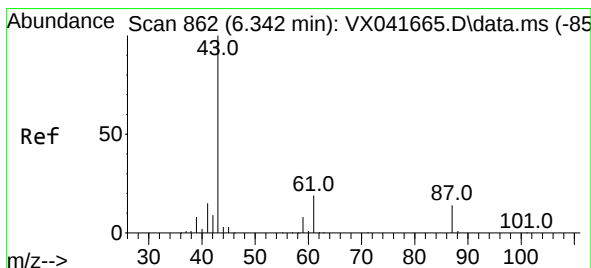
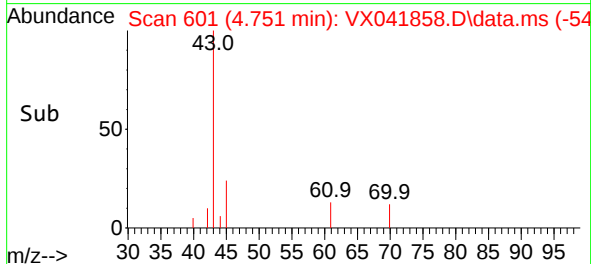
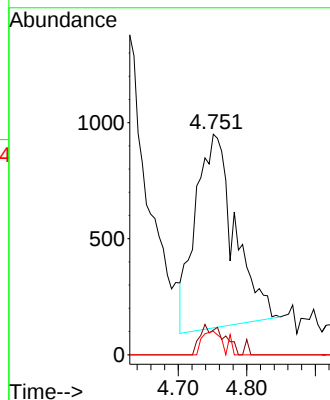
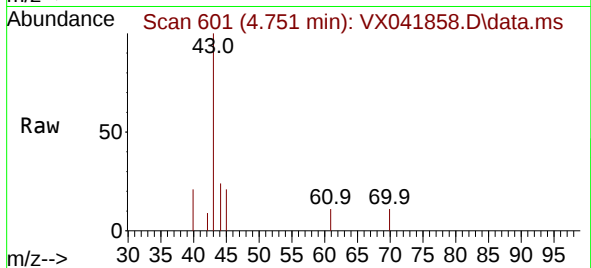
Instrument :

MSVOA_X

ClientSampleId :

PB161467ZHE#13

Tgt Ion:	43	Resp:	3320
Ion	Ratio	Lower	Upper
43	100		
61	9.4	10.6	16.0#
70	5.7	8.3	12.5#



#43

Isopropyl Acetate

Concen: 28.339 ug/l

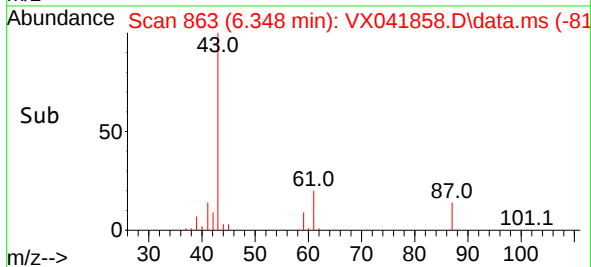
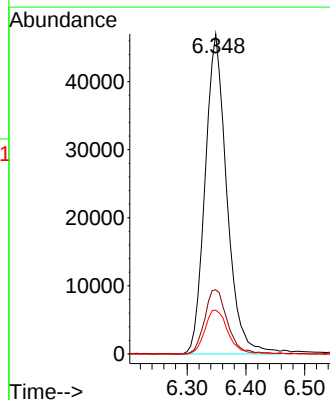
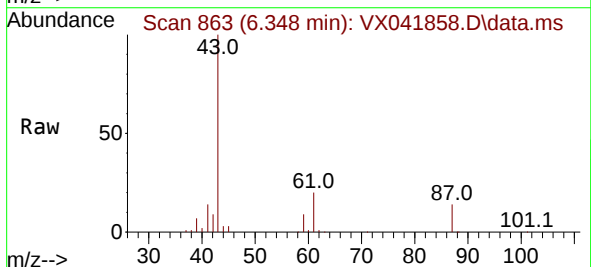
RT: 6.348 min Scan# 863

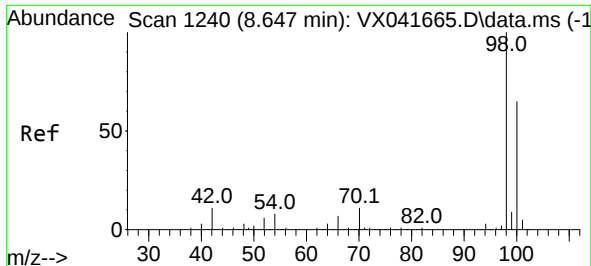
Delta R.T. 0.006 min

Lab File: VX041858.D

Acq: 13 Jun 2024 16:51

Tgt Ion:	43	Resp:	120641
Ion	Ratio	Lower	Upper
43	100		
61	21.1	15.2	22.8
87	14.7	9.8	14.6#

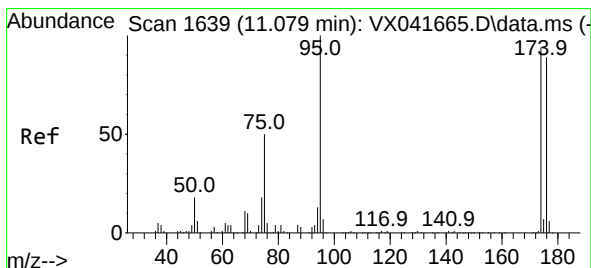
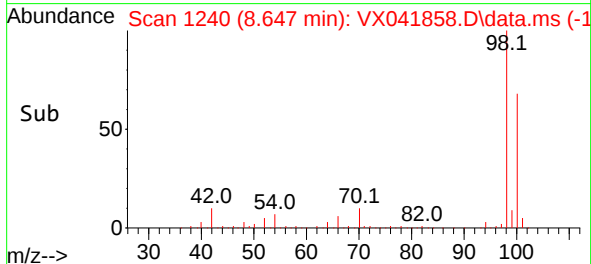
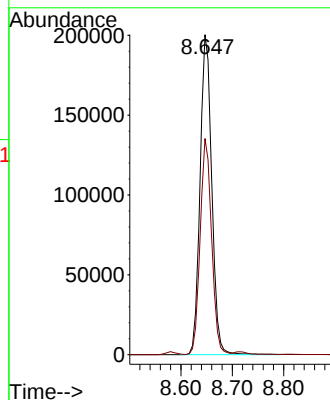
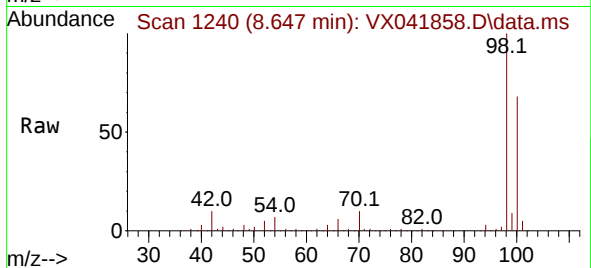




#50
Toluene-d8
Concen: 48.988 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041858.D
Acq: 13 Jun 2024 16:51

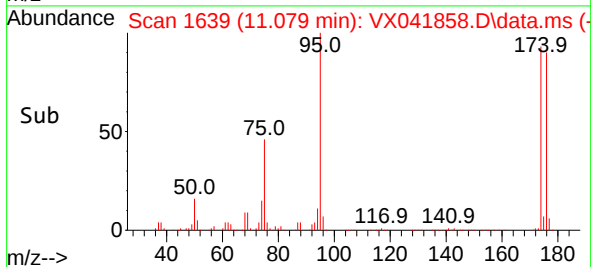
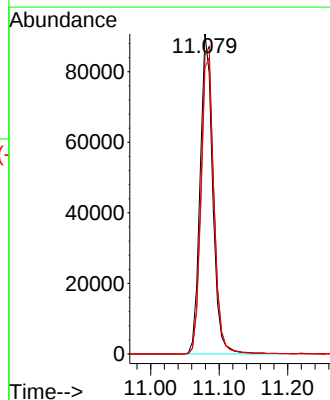
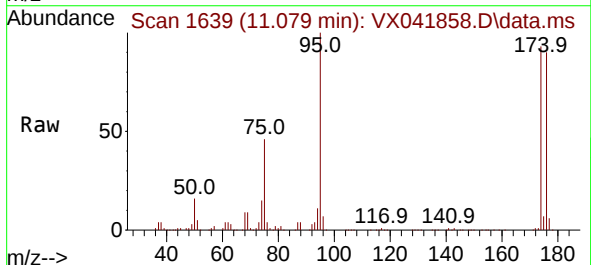
Instrument :
MSVOA_X
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PB161467ZHE#13

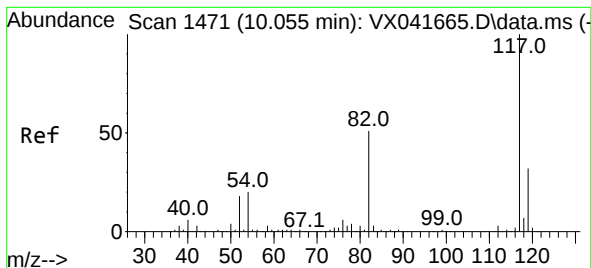
Tgt Ion: 98 Resp: 315839
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.833 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041858.D
Acq: 13 Jun 2024 16:51

Tgt Ion: 95 Resp: 116201
Ion Ratio Lower Upper
95 100
174 99.0 0.0 135.6
176 95.2 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: VX041858.D

Acq: 13 Jun 2024 16:51

Instrument :

MSVOA_X

ClientSampleId :

PB161467ZHE#13

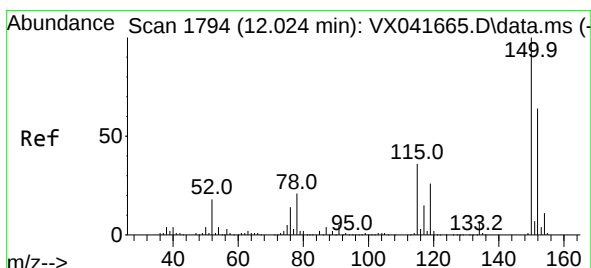
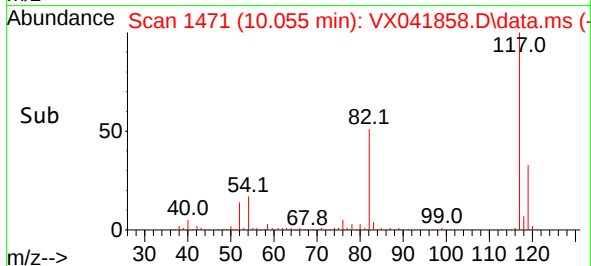
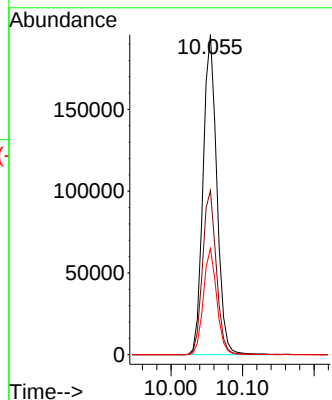
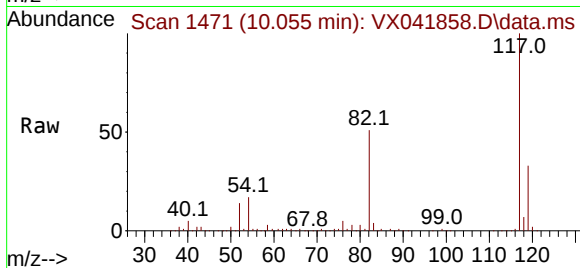
Tgt Ion:117 Resp: 262095

Ion Ratio Lower Upper

117 100

82 51.3 46.2 69.4

119 33.1 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: VX041858.D

Acq: 13 Jun 2024 16:51

Tgt Ion:152 Resp: 127641

Ion Ratio Lower Upper

152 100

115 52.6 43.3 129.9

150 155.5 0.0 345.0

