

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061324\
 Data File : VX041853.D
 Acq On : 13 Jun 2024 14:54
 Operator : JC/MD
 Sample : PB161467ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB161467ZHE#08

Quant Time: Jun 14 00:58:59 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)

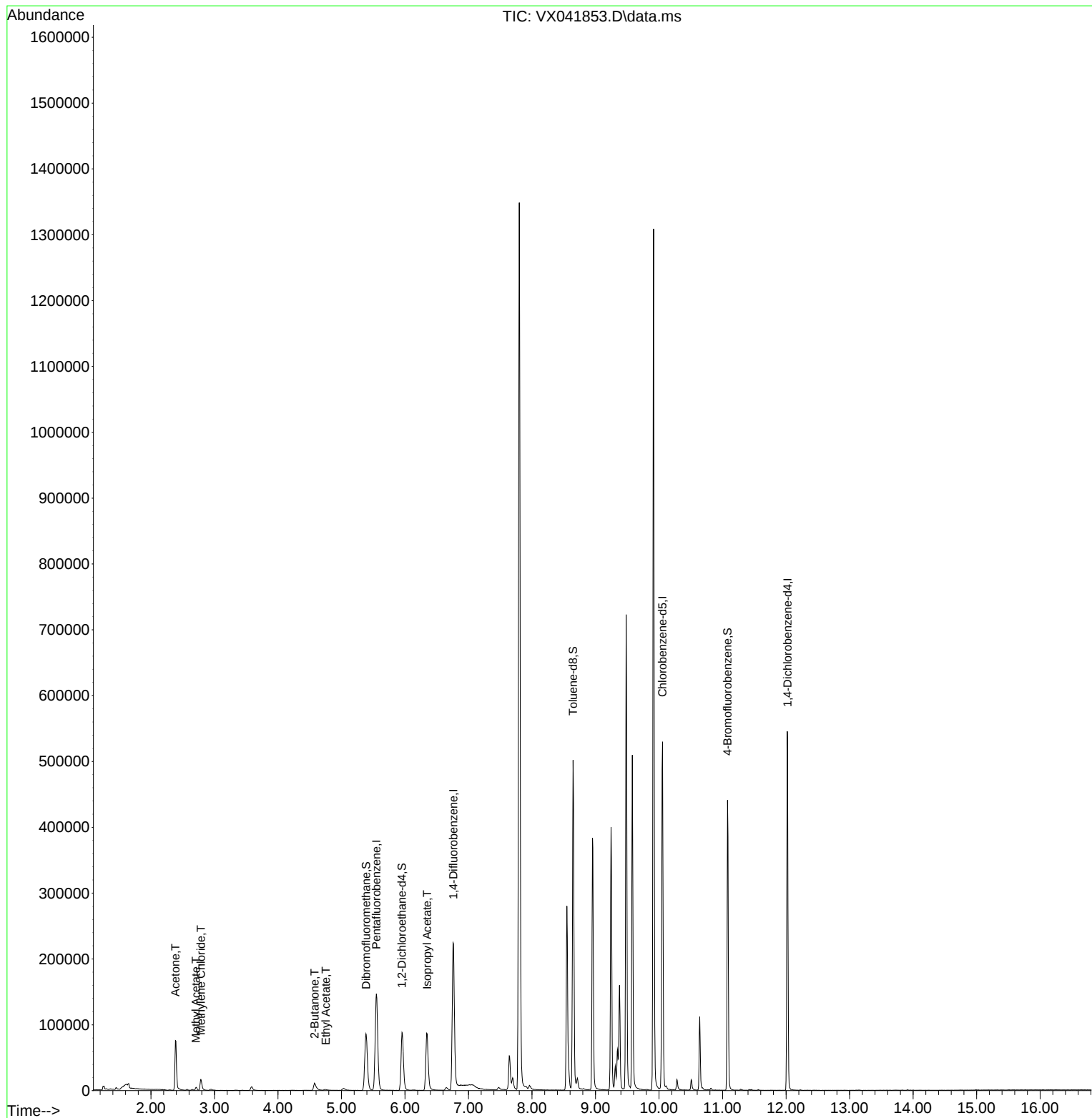
Internal Standards						
1) Pentafluorobenzene	5.550	168	163347	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	254927	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	260408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83396	41.627	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.260%
35) Dibromofluoromethane	5.385	113	78185	44.359	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.720%
50) Toluene-d8	8.647	98	305499	49.605	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.220%
62) 4-Bromofluorobenzene	11.079	95	115452	50.793	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.580%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	88580	99.039	ug/l	# 89
18) Methyl Acetate	2.709	43	6045	3.160	ug/l	98
20) Methylene Chloride	2.788	84	9417	5.253	ug/l	# 87
25) 2-Butanone	4.574	43	21032	16.891	ug/l	96
37) Ethyl Acetate	4.751	43	3377	1.254	ug/l	# 91
43) Isopropyl Acetate	6.348	43	122324	30.081	ug/l	94

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

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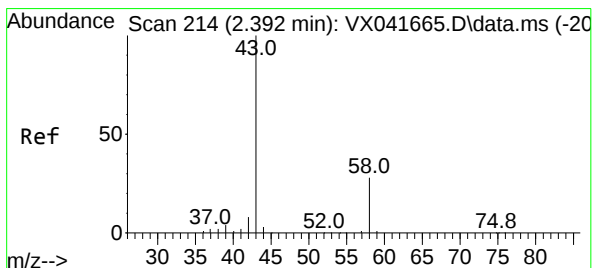
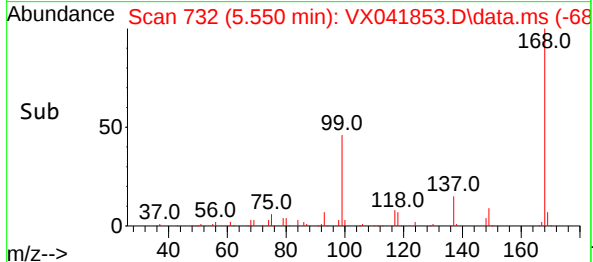
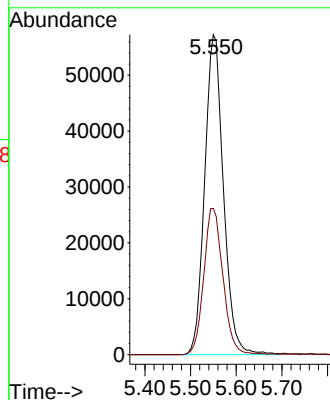
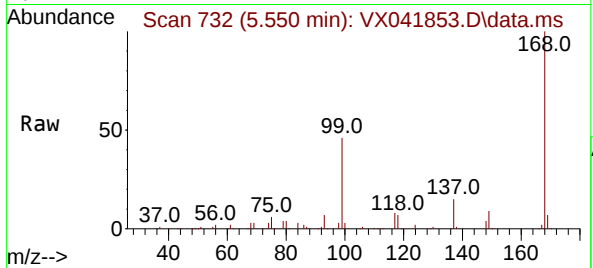




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041853.D
Acq: 13 Jun 2024 14:54

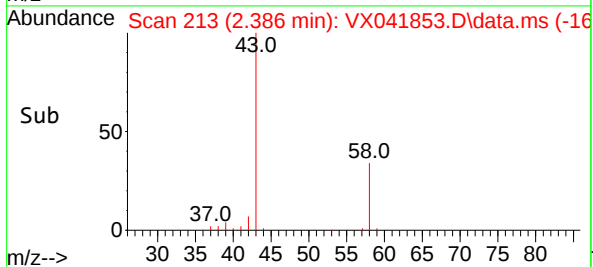
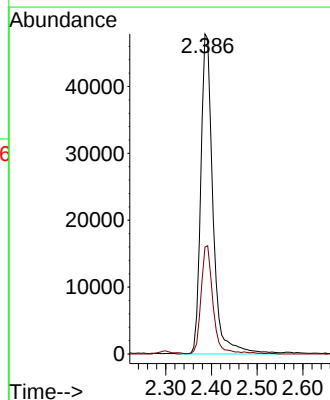
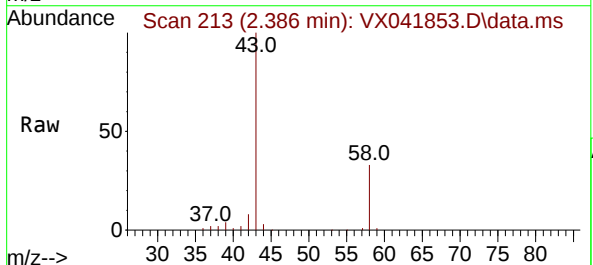
Instrument :
MSVOA_X
ClientSampleId :
PB161467ZHE#08

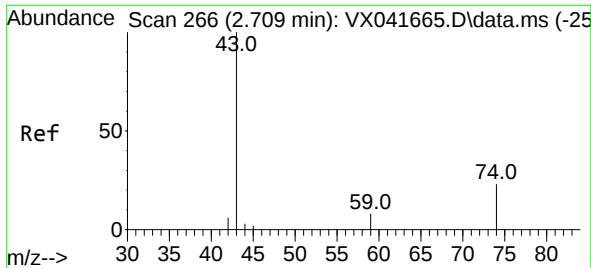
Tgt Ion:168 Resp: 163347
Ion Ratio Lower Upper
168 100
99 45.7 56.6 85.0#



#16
Acetone
Concen: 99.039 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX041853.D
Acq: 13 Jun 2024 14:54

Tgt Ion: 43 Resp: 88580
Ion Ratio Lower Upper
43 100
58 33.4 21.9 32.9#

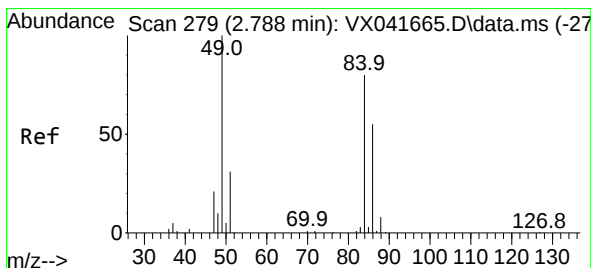
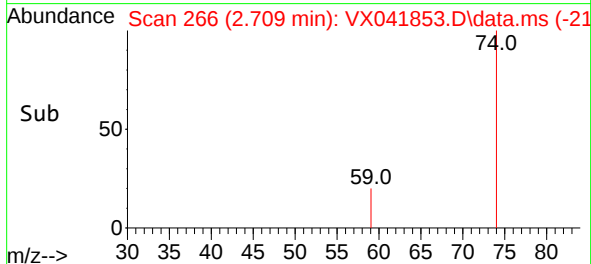
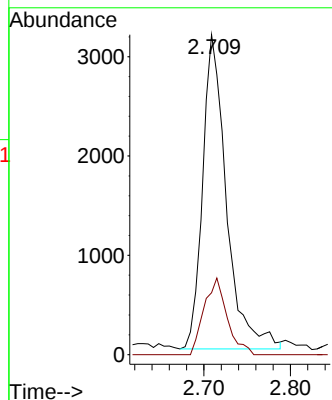
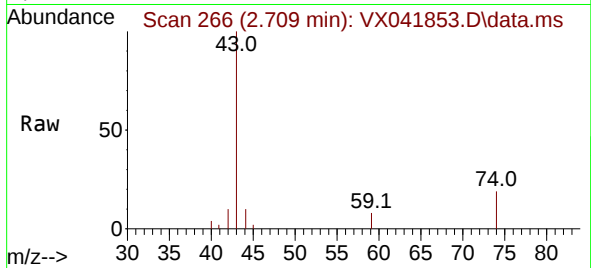




#18
Methyl Acetate
Concen: 3.160 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041853.D
Acq: 13 Jun 2024 14:54

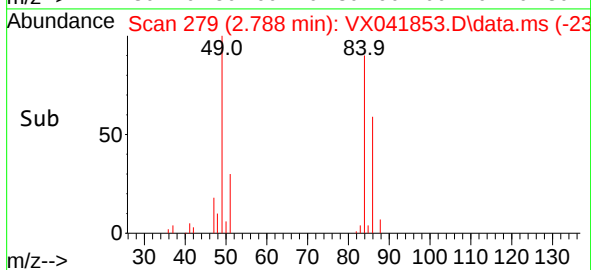
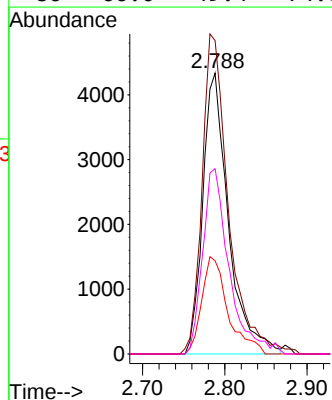
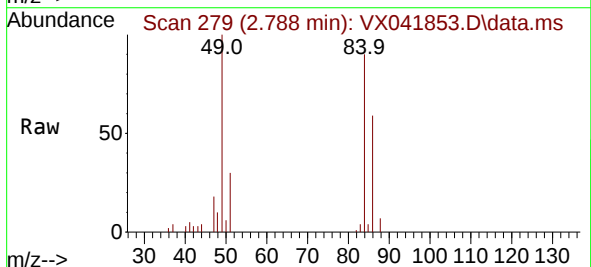
Instrument :
MSVOA_X
ClientSampleId :
PB161467ZHE#08

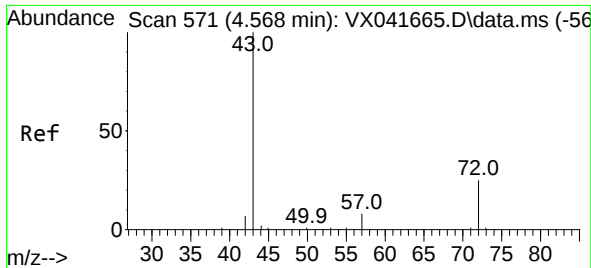
Tgt Ion: 43 Resp: 6045
Ion Ratio Lower Upper
43 100
74 23.5 17.8 26.8



#20
Methylene Chloride
Concen: 5.253 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041853.D
Acq: 13 Jun 2024 14:54

Tgt Ion: 84 Resp: 9417
Ion Ratio Lower Upper
84 100
49 111.6 103.6 155.4
51 33.1 33.8 50.6#
86 66.0 49.4 74.0

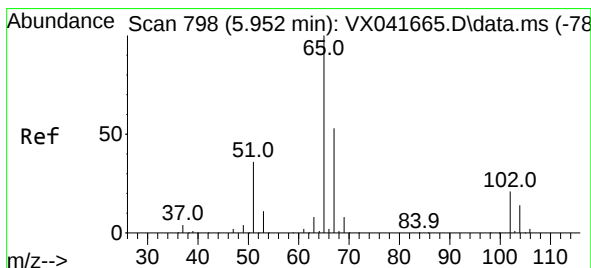
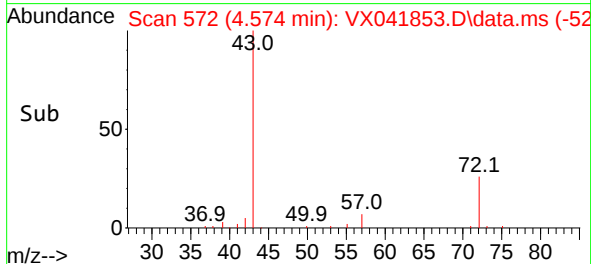
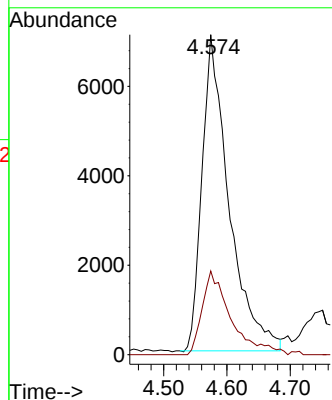
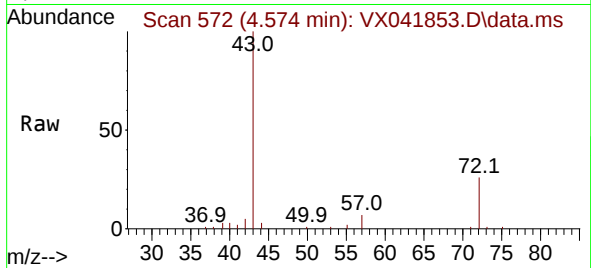




#25
2-Butanone
Concen: 16.891 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX041853.D
Acq: 13 Jun 2024 14:54

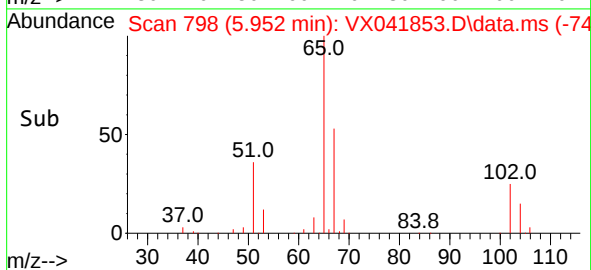
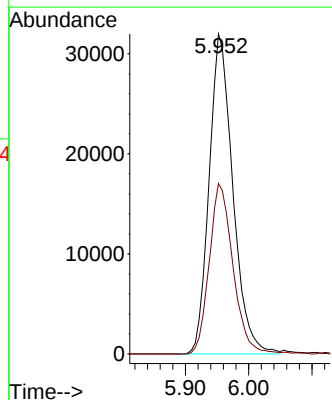
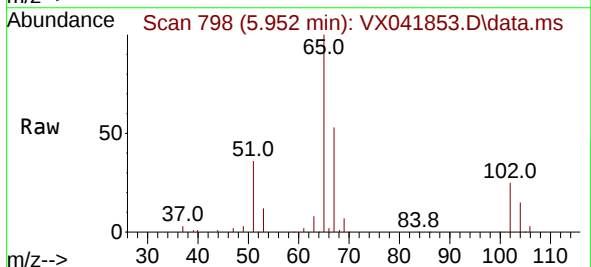
Instrument :
MSVOA_X
ClientSampleId :
PB161467ZHE#08

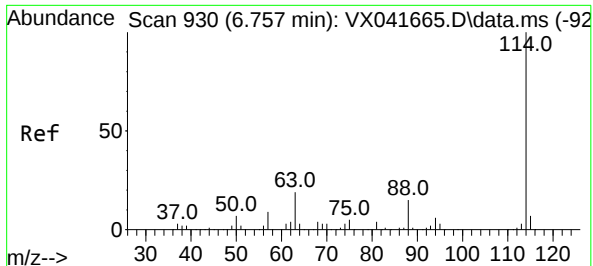
Tgt Ion: 43 Resp: 21032
Ion Ratio Lower Upper
43 100
72 26.4 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 41.627 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041853.D
Acq: 13 Jun 2024 14:54

Tgt Ion: 65 Resp: 83396
Ion Ratio Lower Upper
65 100
67 53.5 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: VX041853.D

Acq: 13 Jun 2024 14:54

Instrument :

MSVOA_X

ClientSampleId :

PB161467ZHE#08

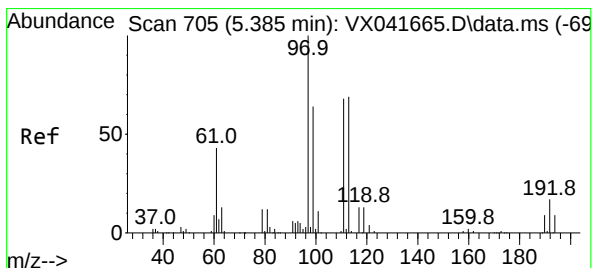
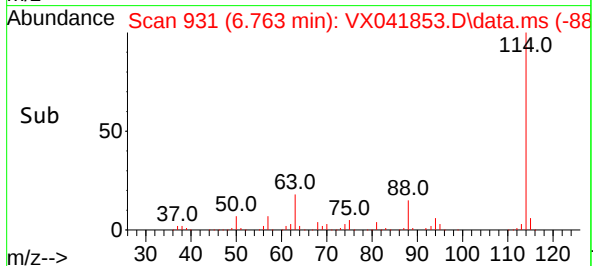
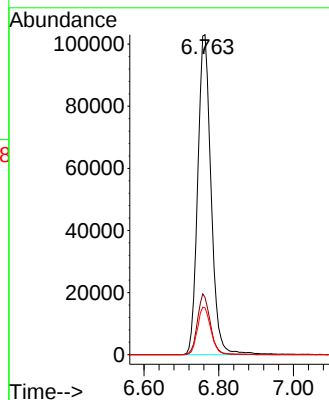
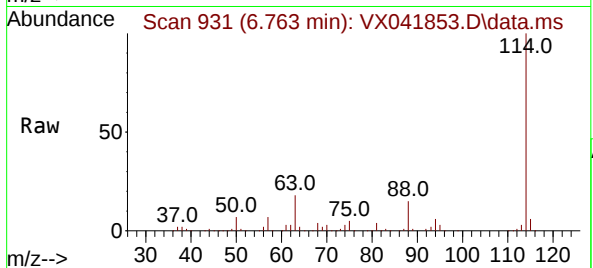
Tgt Ion:114 Resp: 254927

Ion Ratio Lower Upper

114 100

63 17.9 0.0 45.0

88 14.7 0.0 36.6



#35

Dibromofluoromethane

Concen: 44.359 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX041853.D

Acq: 13 Jun 2024 14:54

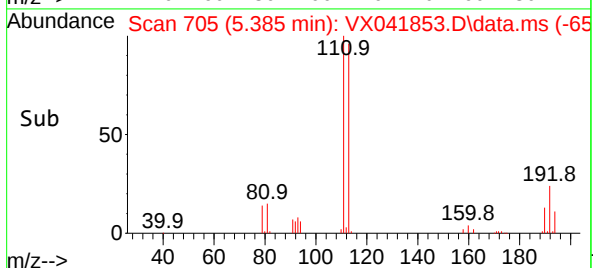
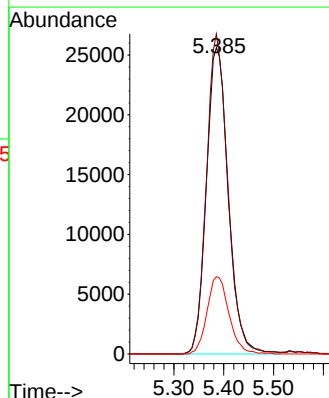
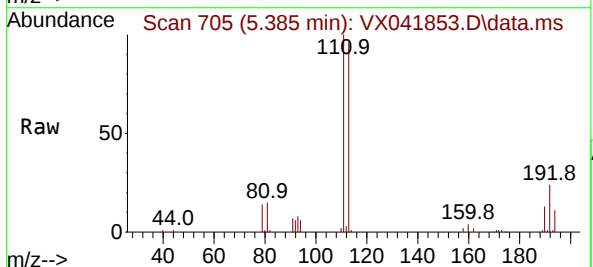
Tgt Ion:113 Resp: 78185

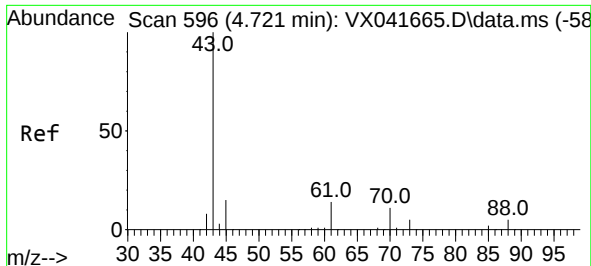
Ion Ratio Lower Upper

113 100

111 101.9 82.9 124.3

192 25.3 13.3 19.9#





#37

Ethyl Acetate

Concen: 1.254 ug/l

RT: 4.751 min Scan# 601

Delta R.T. 0.031 min

Lab File: VX041853.D

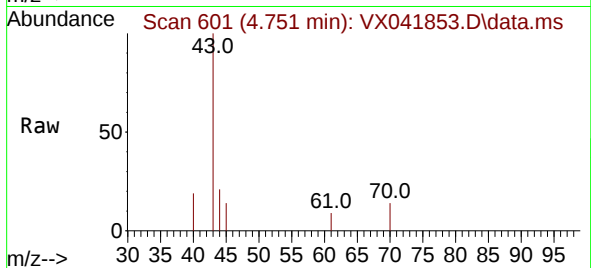
Acq: 13 Jun 2024 14:54

Instrument :

MSVOA_X

ClientSampleId :

PB161467ZHE#08



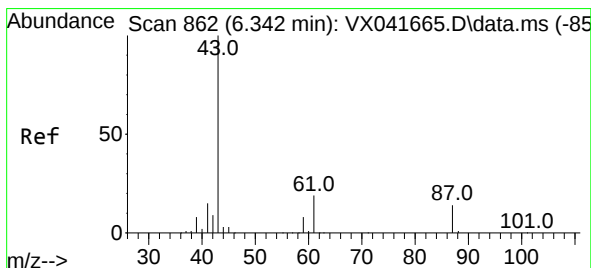
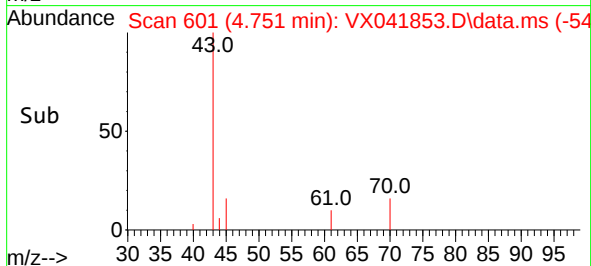
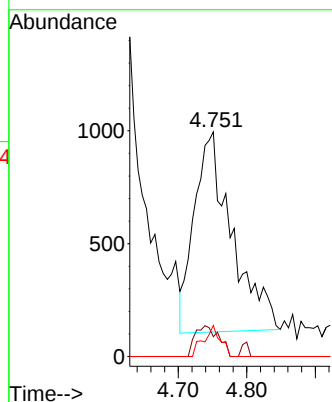
Tgt Ion: 43 Resp: 3377

Ion Ratio Lower Upper

43 100

61 9.7 10.6 16.0#

70 7.0 8.3 12.5#



#43

Isopropyl Acetate

Concen: 30.081 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX041853.D

Acq: 13 Jun 2024 14:54

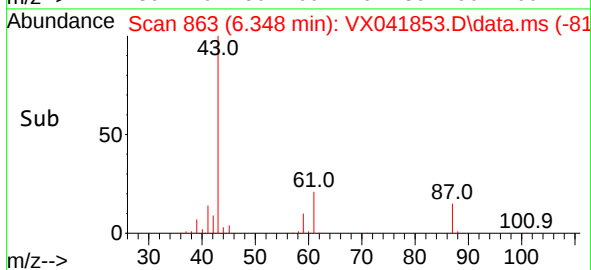
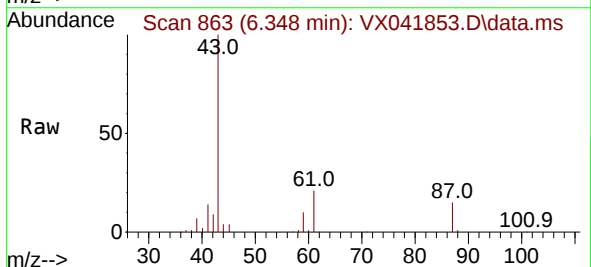
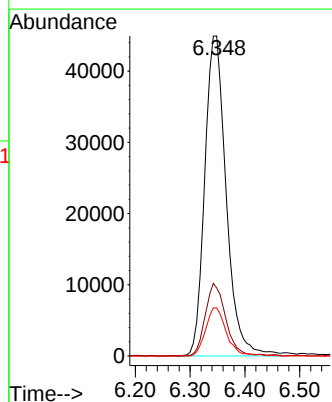
Tgt Ion: 43 Resp: 122324

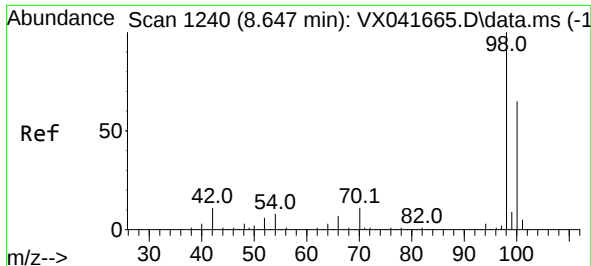
Ion Ratio Lower Upper

43 100

61 21.7 15.2 22.8

87 14.5 9.8 14.6

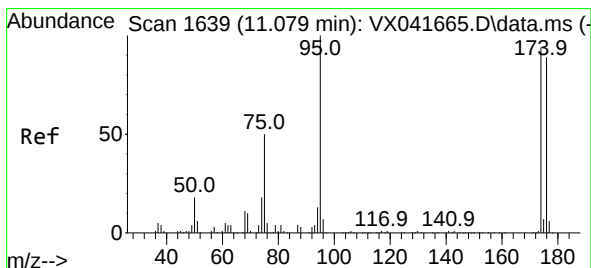
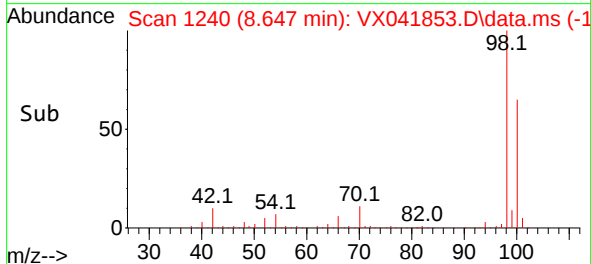
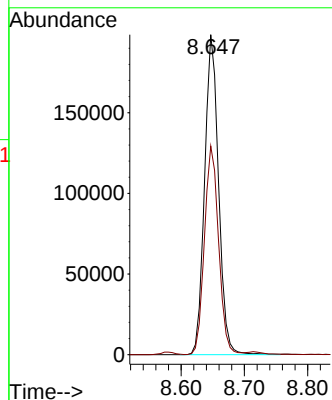
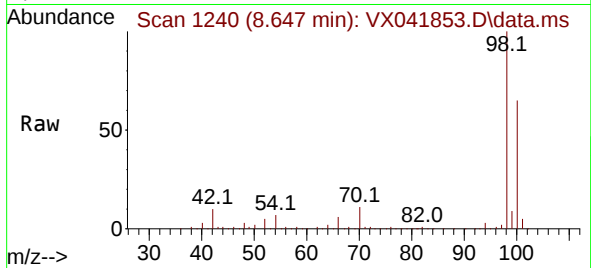




#50
Toluene-d8
Concen: 49.605 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041853.D
Acq: 13 Jun 2024 14:54

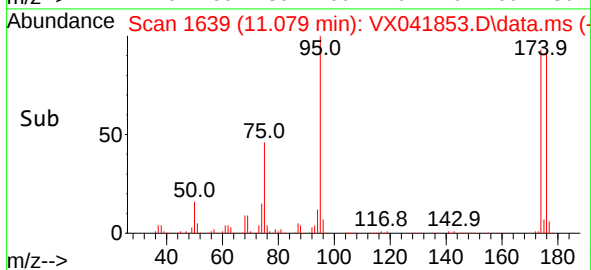
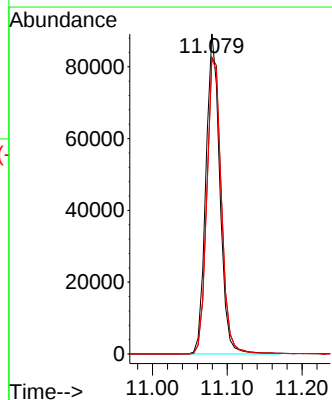
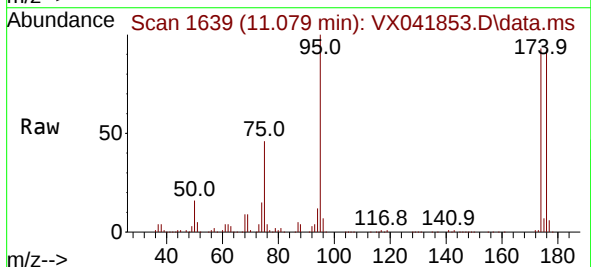
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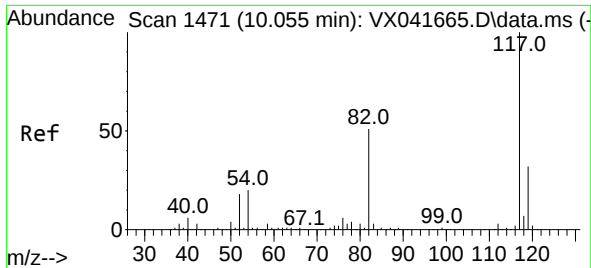
Tgt Ion: 98 Resp: 305499
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.793 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041853.D
Acq: 13 Jun 2024 14:54

Tgt Ion: 95 Resp: 115452
Ion Ratio Lower Upper
95 100
174 96.9 0.0 135.6
176 95.9 0.0 131.0

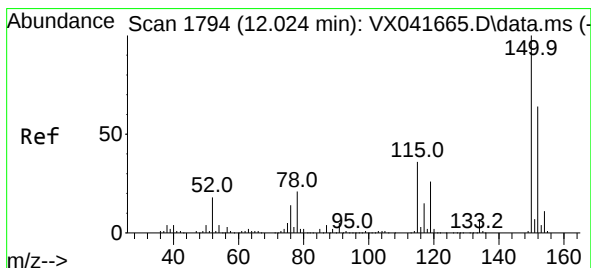
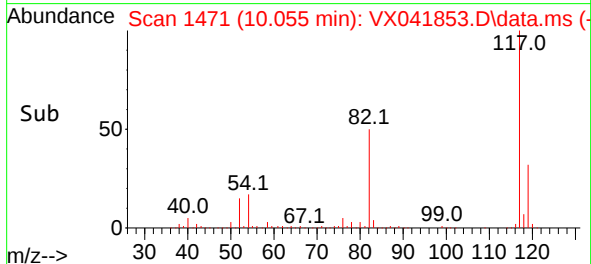
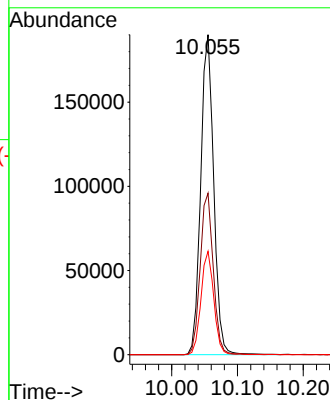
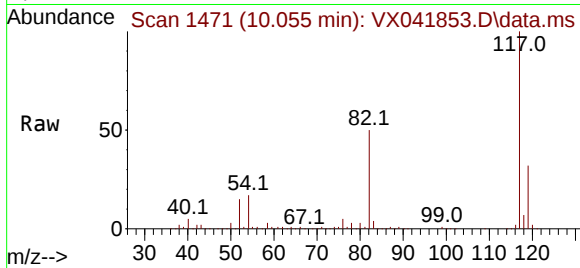




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041853.D
Acq: 13 Jun 2024 14:54

Instrument :
MSVOA_X
ClientSampleId :
PB161467ZHE#08

Tgt Ion:117 Resp: 260408
Ion Ratio Lower Upper
117 100
82 50.5 46.2 69.4
119 32.3 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: VX041853.D
Acq: 13 Jun 2024 14:54

Tgt Ion:152 Resp: 130393
Ion Ratio Lower Upper
152 100
115 53.2 43.3 129.9
150 155.8 0.0 345.0

