

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052924\
 Data File : VX041678.D
 Acq On : 29 May 2024 16:53
 Operator : JC/MD
 Sample : PB161143ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB161143ZHE#04

Quant Time: May 30 07:45:30 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)

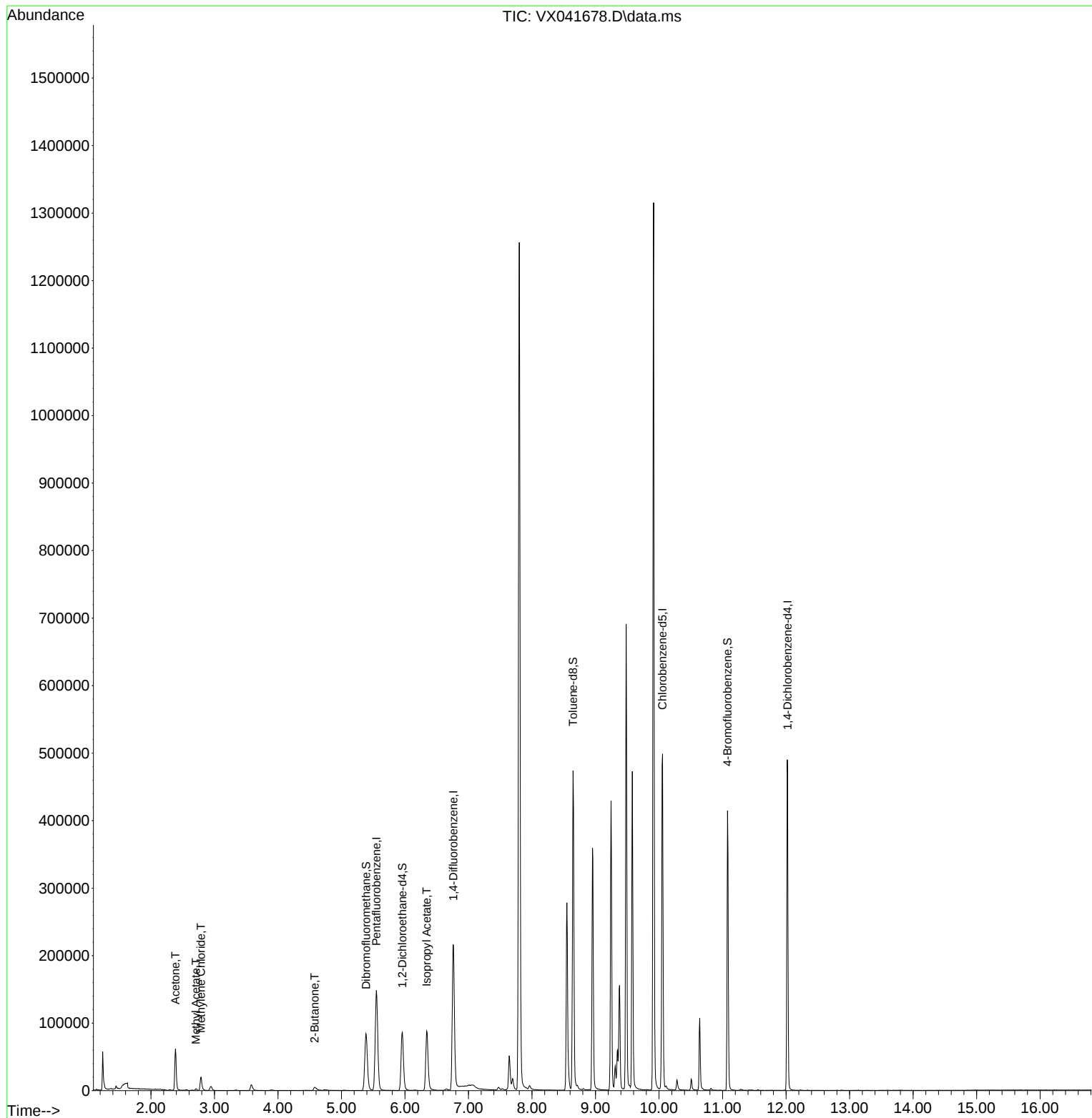
Internal Standards						
1) Pentafluorobenzene	5.550	168	151874	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	233315	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86093	46.220	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.440%
35) Dibromofluoromethane	5.385	113	72646	45.034	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.060%
50) Toluene-d8	8.647	98	278708	49.447	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.900%
62) 4-Bromofluorobenzene	11.079	95	102646	49.342	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.680%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	66838	79.686	ug/l	96
18) Methyl Acetate	2.709	43	3211	1.805	ug/l	94
20) Methylene Chloride	2.788	84	9917	5.949	ug/l	# 91
25) 2-Butanone	4.574	43	10128	8.749	ug/l	96
43) Isopropyl Acetate	6.342	43	125032	33.595	ug/l	99

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

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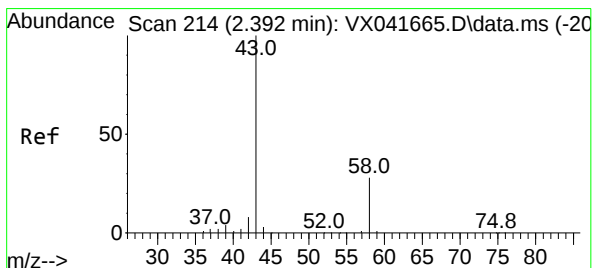
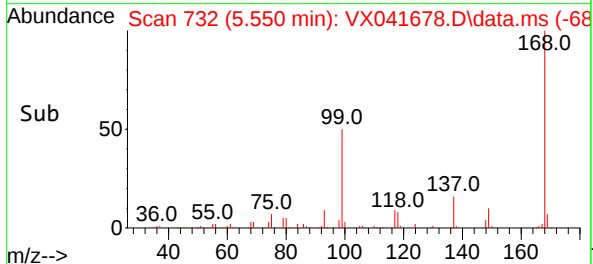
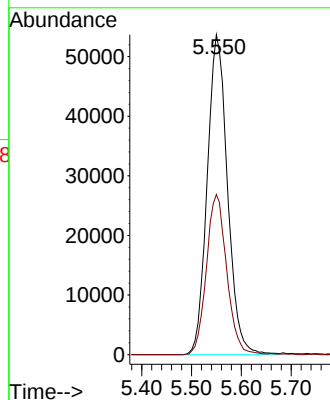
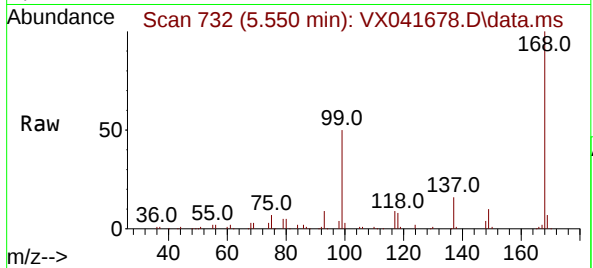




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041678.D
Acq: 29 May 2024 16:53

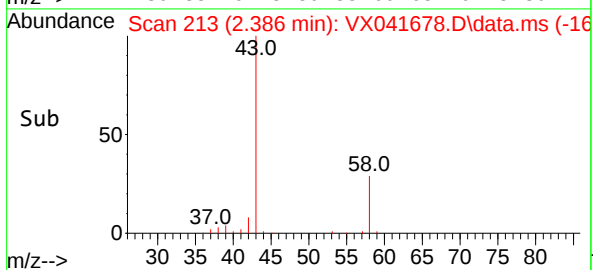
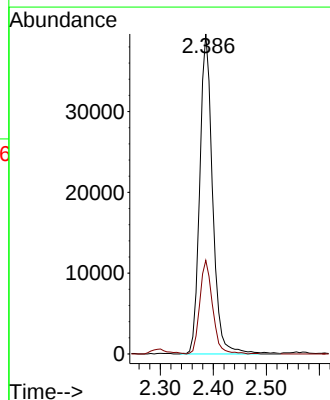
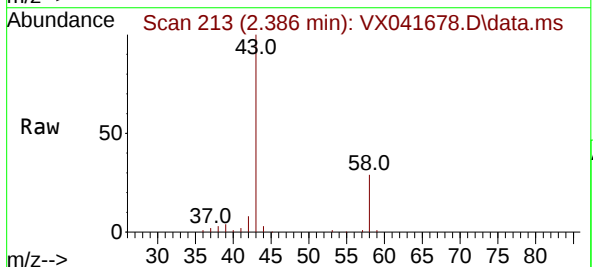
Instrument :
MSVOA_X
ClientSampleId :
PB161143ZHE#04

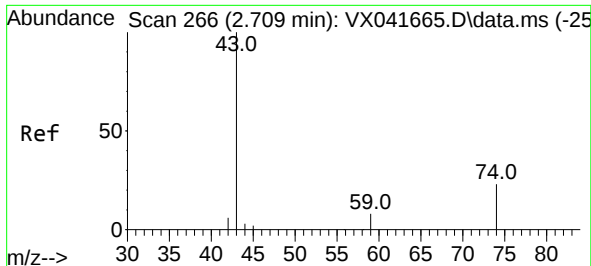
Tgt Ion:168 Resp: 151874
Ion Ratio Lower Upper
168 100
99 50.1 56.6 85.0#



#16
Acetone
Concen: 79.686 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX041678.D
Acq: 29 May 2024 16:53

Tgt Ion: 43 Resp: 66838
Ion Ratio Lower Upper
43 100
58 29.3 21.9 32.9





#18

Methyl Acetate

Concen: 1.805 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.000 min

Lab File: VX041678.D

Acq: 29 May 2024 16:53

Instrument :

MSVOA_X

ClientSampleId :

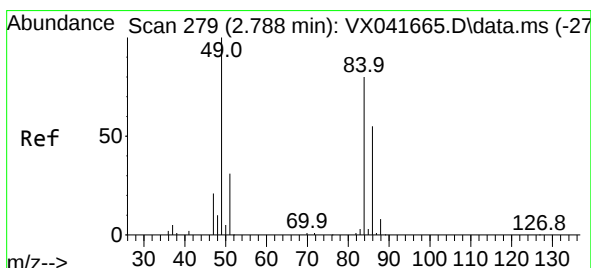
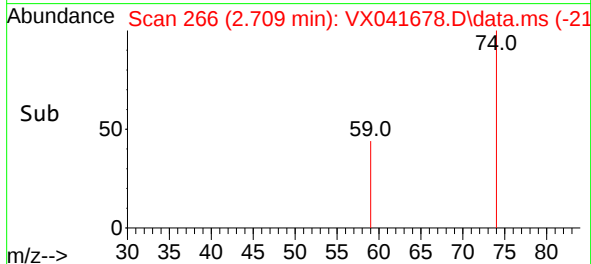
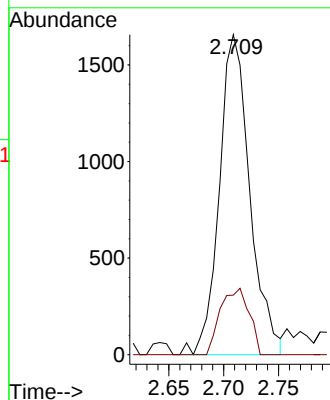
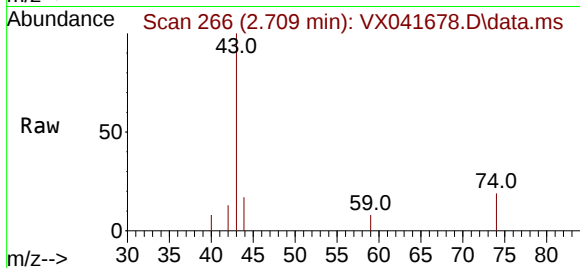
PB161143ZHE#04

Tgt Ion: 43 Resp: 3211

Ion Ratio Lower Upper

43 100

74 19.4 17.8 26.8



#20

Methylene Chloride

Concen: 5.949 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX041678.D

Acq: 29 May 2024 16:53

Tgt Ion: 84 Resp: 9917

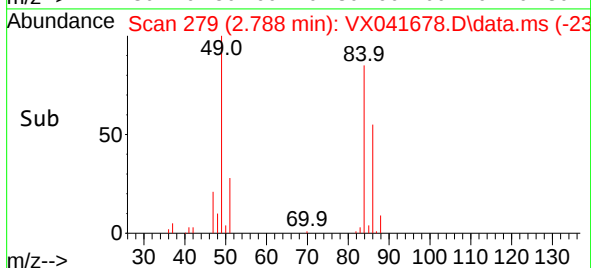
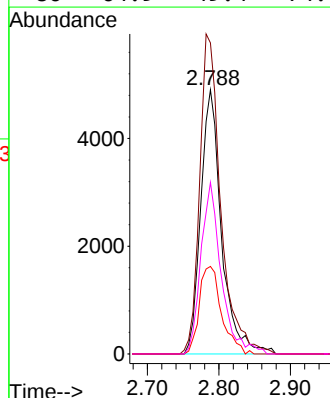
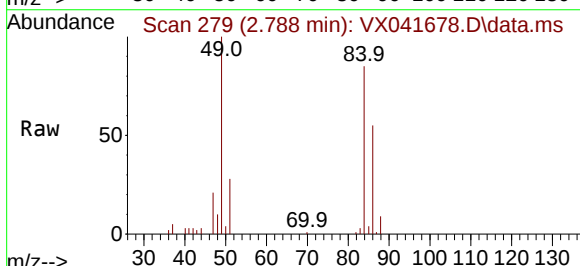
Ion Ratio Lower Upper

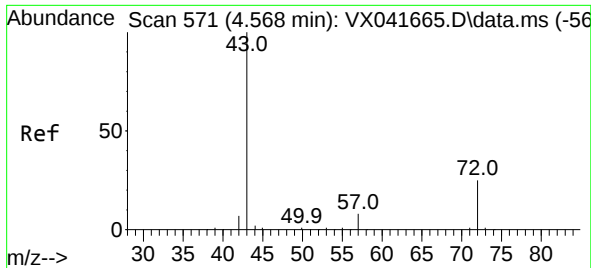
84 100

49 117.8 103.6 155.4

51 33.2 33.8 50.6#

86 64.9 49.4 74.0

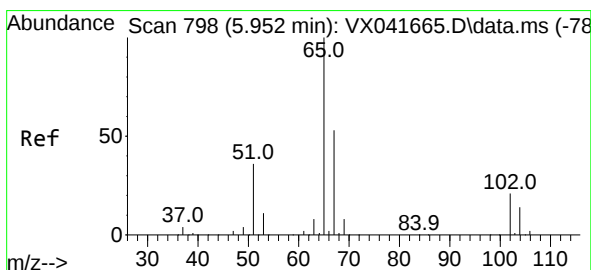
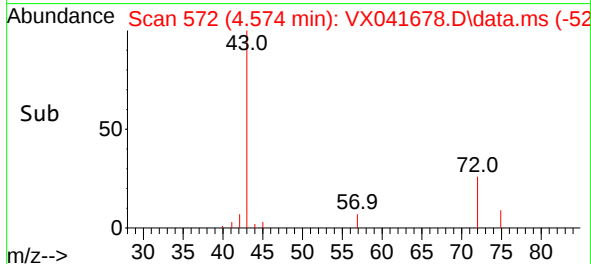
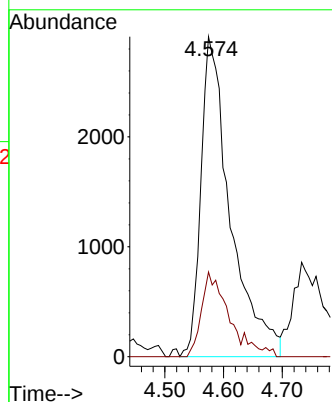
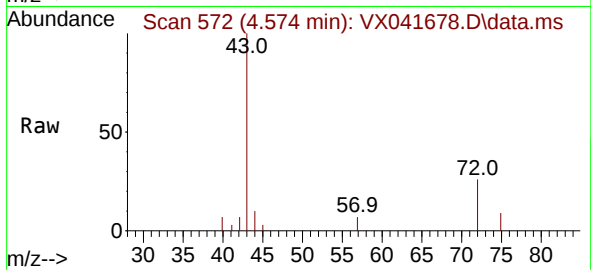




#25
2-Butanone
Concen: 8.749 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX041678.D
Acq: 29 May 2024 16:53

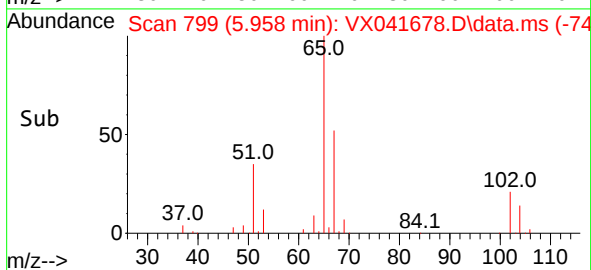
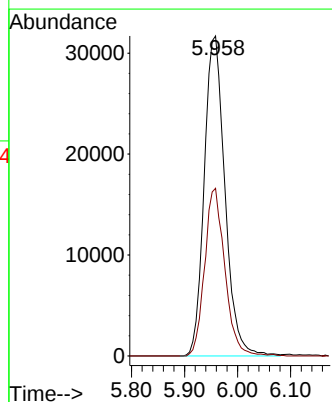
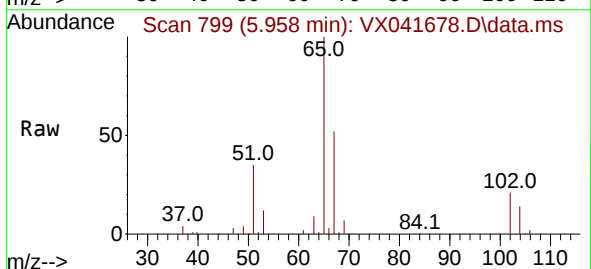
Instrument :
MSVOA_X
ClientSampleId :
PB161143ZHE#04

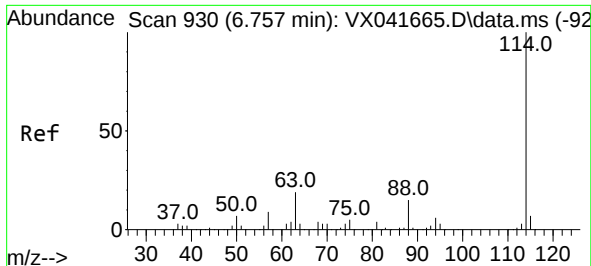
Tgt Ion: 43 Resp: 10128
Ion Ratio Lower Upper
43 100
72 26.5 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 46.220 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041678.D
Acq: 29 May 2024 16:53

Tgt Ion: 65 Resp: 86093
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2

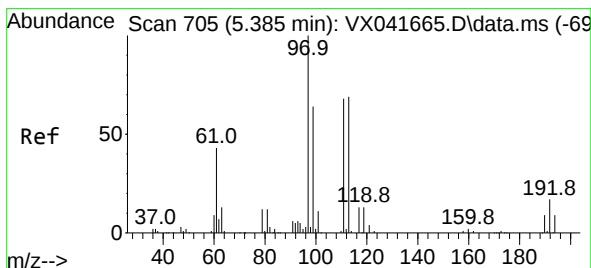
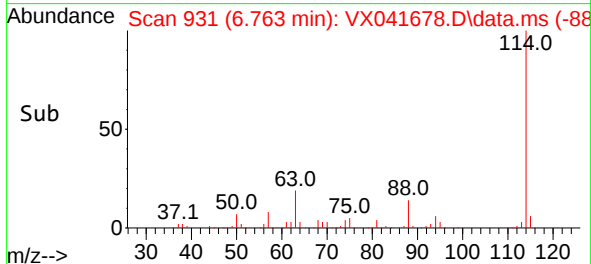
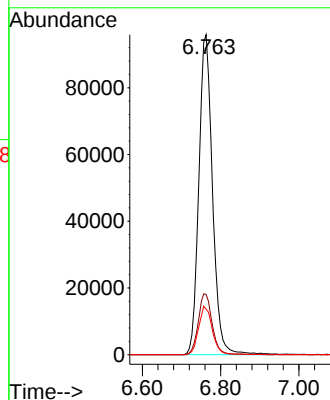
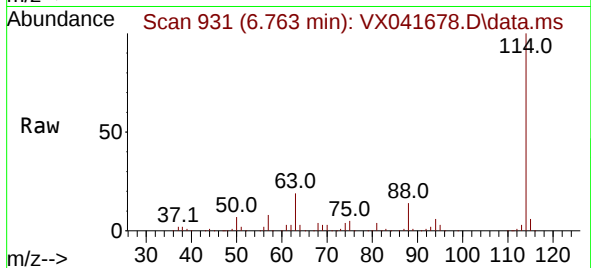




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX041678.D
Acq: 29 May 2024 16:53

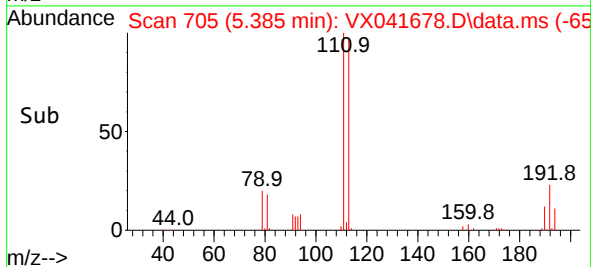
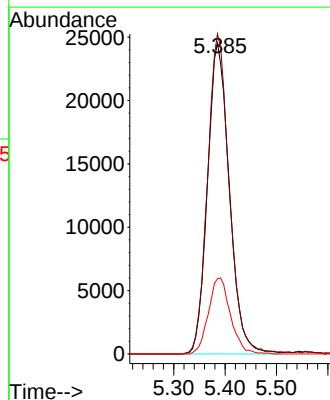
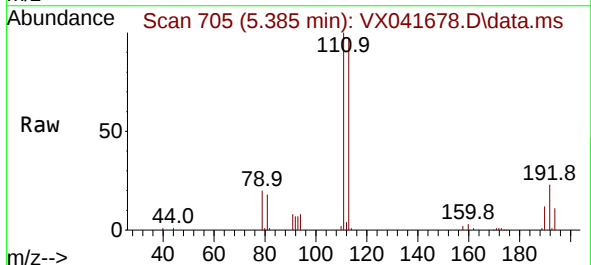
Instrument :
MSVOA_X
ClientSampleId :
PB161143ZHE#04

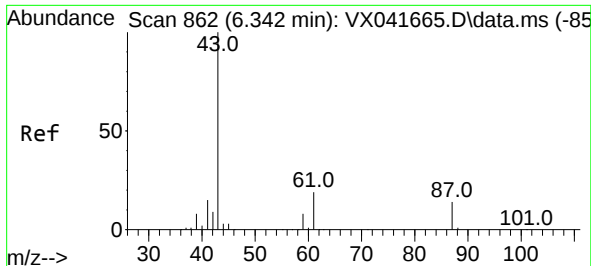
Tgt Ion:114 Resp: 233315
Ion Ratio Lower Upper
114 100
63 18.9 0.0 45.0
88 14.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.034 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041678.D
Acq: 29 May 2024 16:53

Tgt Ion:113 Resp: 72646
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 24.6 13.3 19.9#

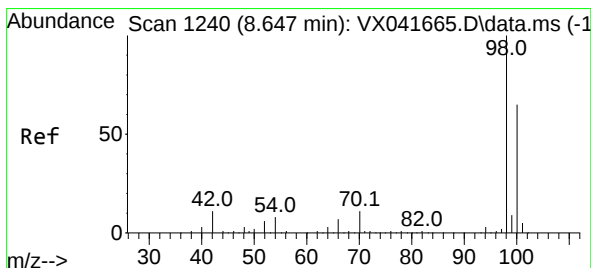
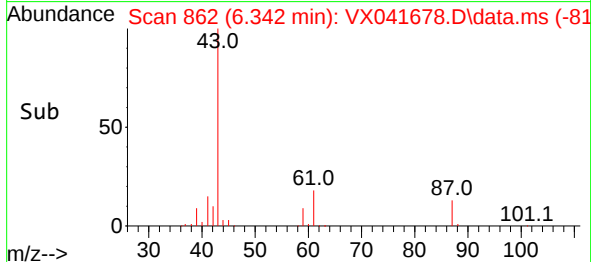
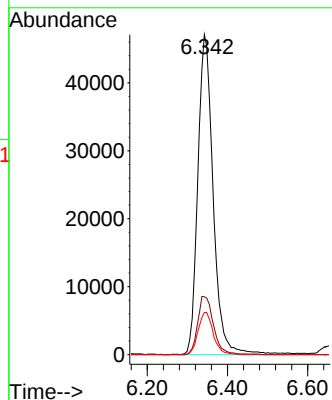
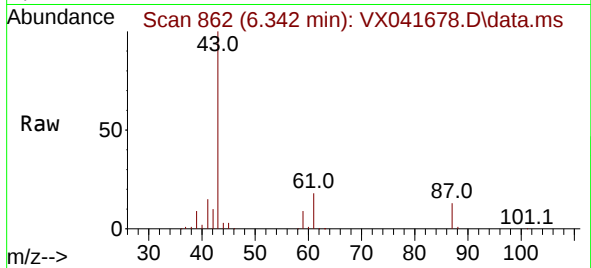




#43
Isopropyl Acetate
Concen: 33.595 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX041678.D
Acq: 29 May 2024 16:53

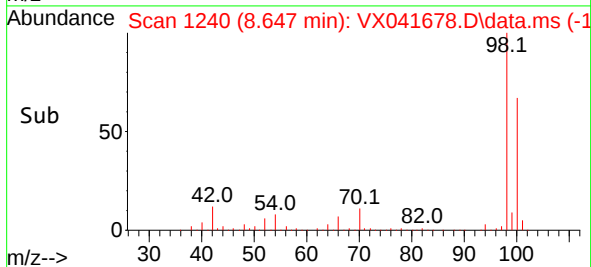
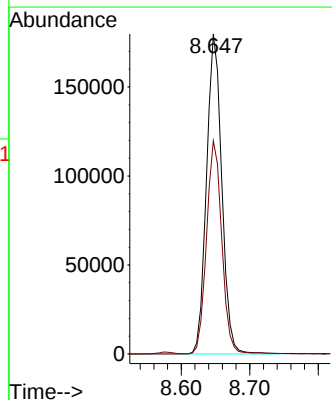
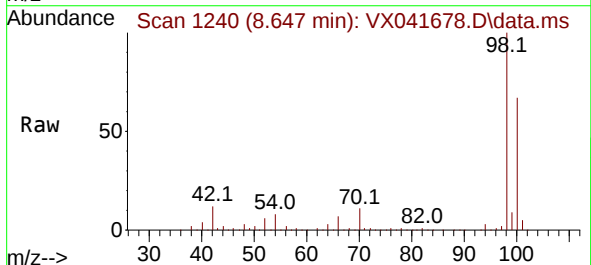
Instrument :
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ClientSampleId :
PB161143ZHE#04

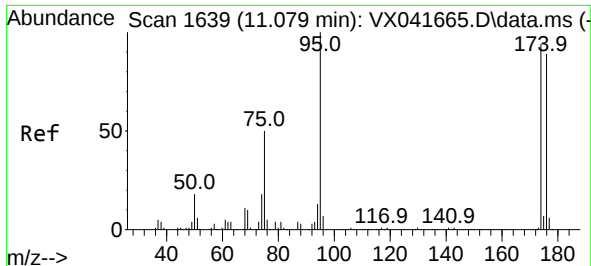
Tgt Ion: 43 Resp: 125032
Ion Ratio Lower Upper
43 100
61 18.8 15.2 22.8
87 13.0 9.8 14.6



#50
Toluene-d8
Concen: 49.447 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041678.D
Acq: 29 May 2024 16:53

Tgt Ion: 98 Resp: 278708
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7

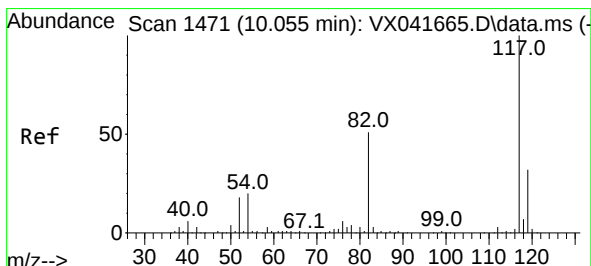
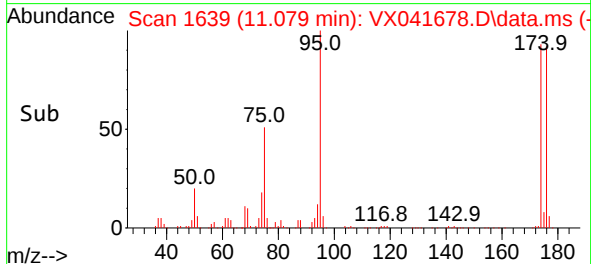
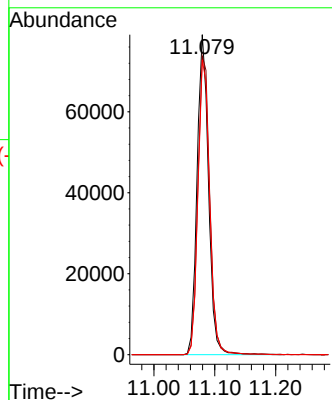
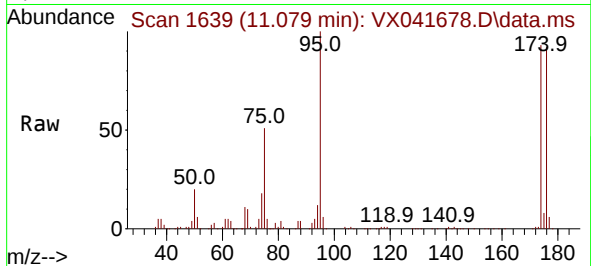




#62
4-Bromofluorobenzene
Concen: 49.342 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041678.D
Acq: 29 May 2024 16:53

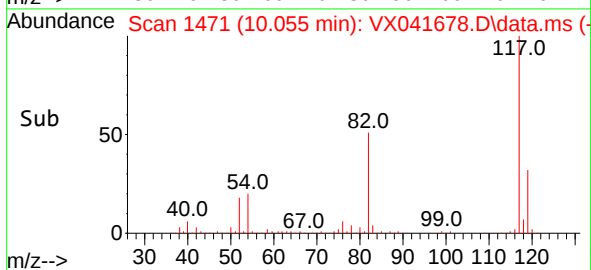
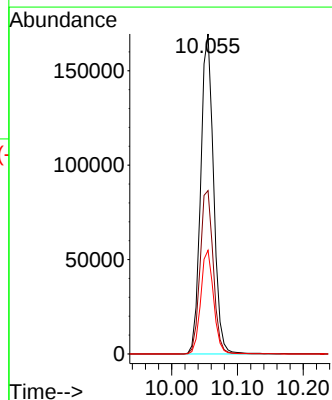
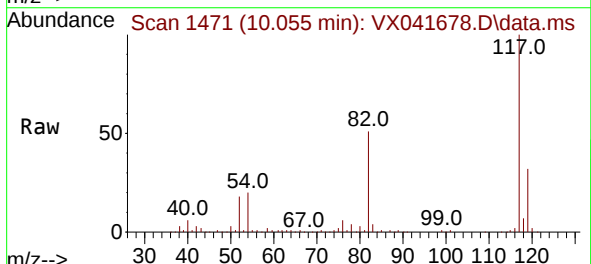
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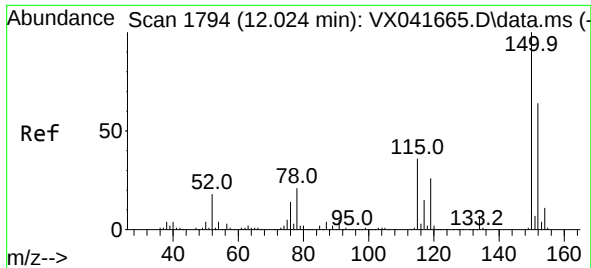
Tgt Ion: 95 Resp: 102646
Ion Ratio Lower Upper
95 100
174 97.5 0.0 135.6
176 94.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041678.D
Acq: 29 May 2024 16:53

Tgt Ion: 117 Resp: 231105
Ion Ratio Lower Upper
117 100
82 51.0 46.2 69.4
119 32.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041678.D

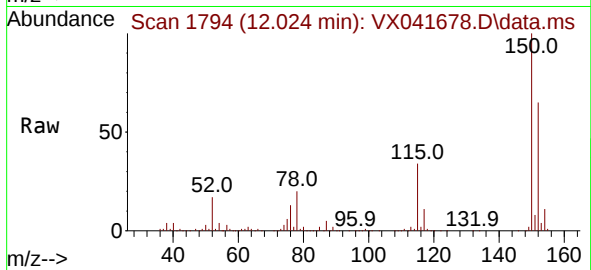
Acq: 29 May 2024 16:53

Instrument :

MSVOA_X

ClientSampleId :

PB161143ZHE#04



Tgt Ion:152 Resp: 112015

Ion Ratio Lower Upper

152 100

115 54.1 43.3 129.9

150 155.3 0.0 345.0

