

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052924\
 Data File : VX041679.D
 Acq On : 29 May 2024 17:16
 Operator : JC/MD
 Sample : PB161143ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB161143ZHE#05

Quant Time: May 30 07:45:56 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)

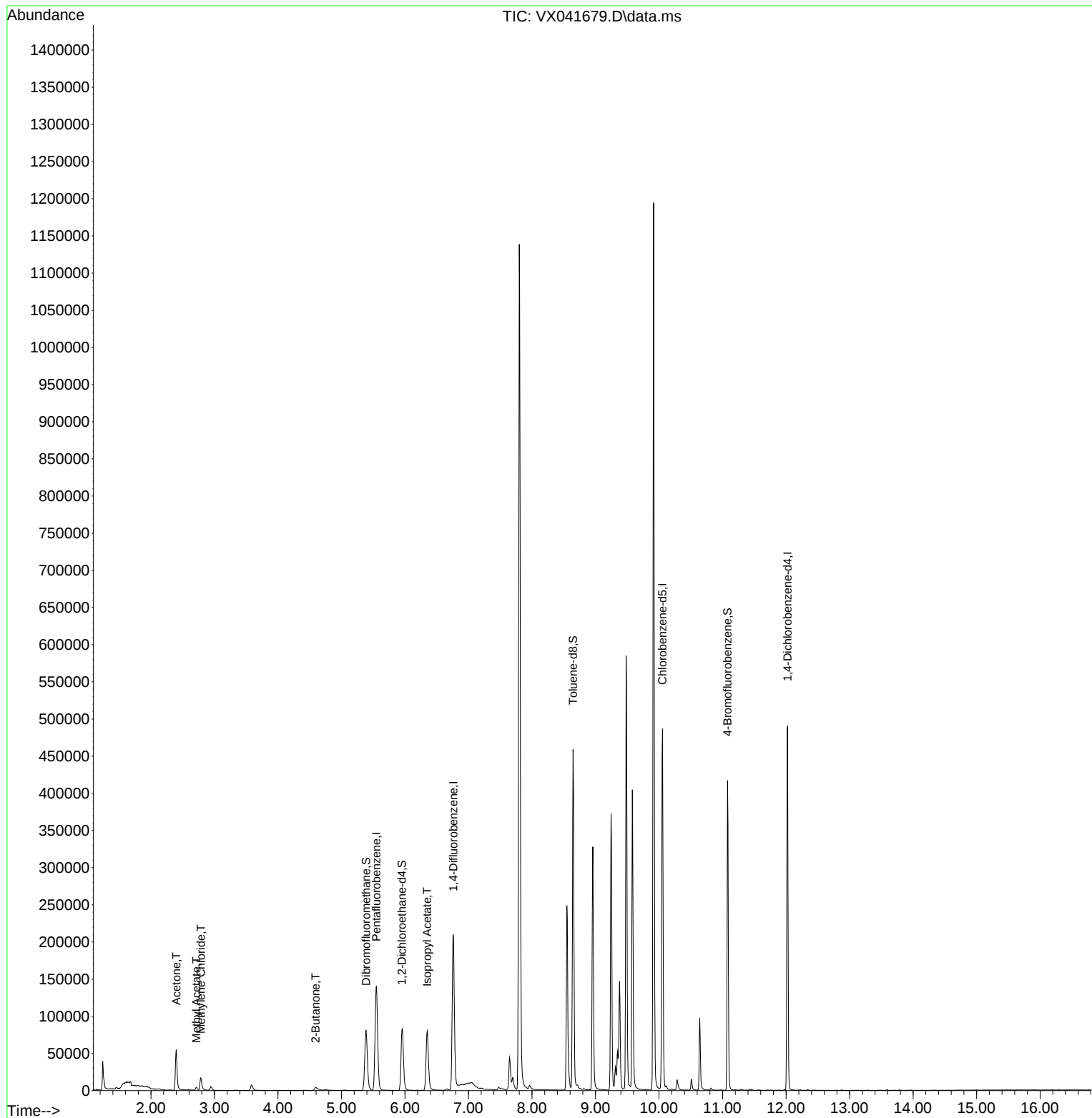
Internal Standards						
1) Pentafluorobenzene	5.550	168	148380	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	225159	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83317	45.783	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.560%
35) Dibromofluoromethane	5.385	113	69312	44.524	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.040%
50) Toluene-d8	8.647	98	267168	49.117	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.240%
62) 4-Bromofluorobenzene	11.079	95	102170	50.892	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.780%
Target Compounds						
						Qvalue
16) Acetone	2.398	43	67539	82.538	ug/l	94
18) Methyl Acetate	2.715	43	5415	3.116	ug/l	99
20) Methylene Chloride	2.788	84	9185	5.640	ug/l	94
25) 2-Butanone	4.592	43	9550	8.444	ug/l	100
43) Isopropyl Acetate	6.348	43	115432	32.139	ug/l	98

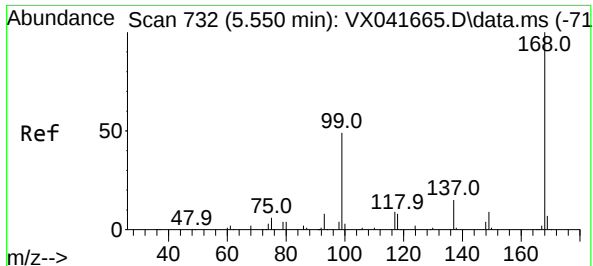
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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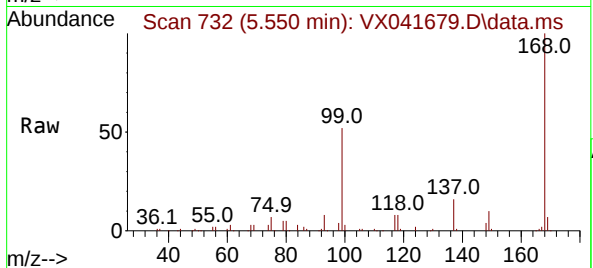
Quant Time: May 30 07:45:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration



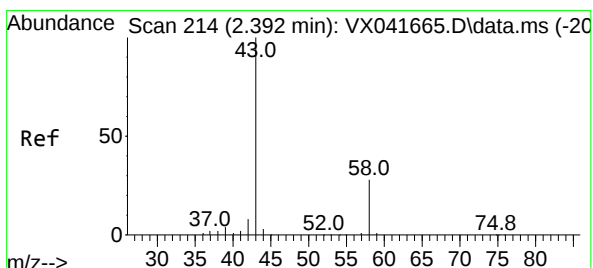
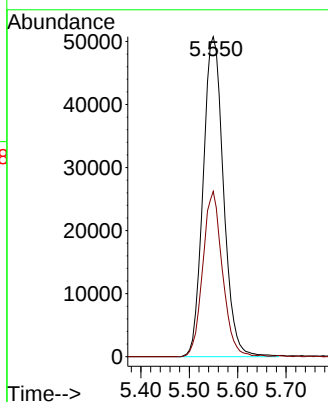
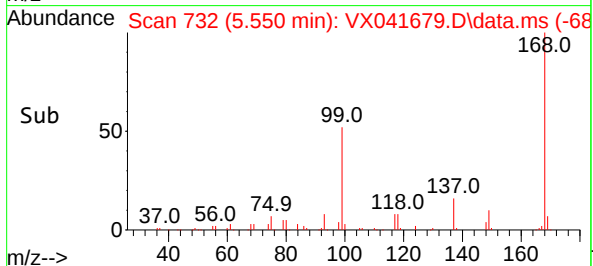


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041679.D
Acq: 29 May 2024 17:16

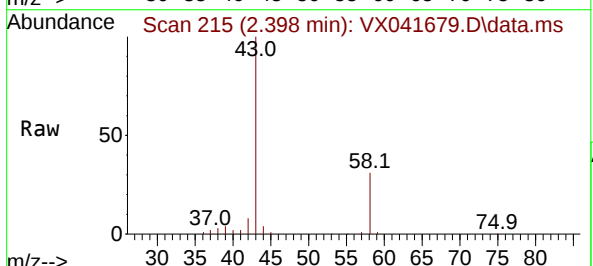
Instrument :
MSVOA_X
ClientSampleId :
PB161143ZHE#05



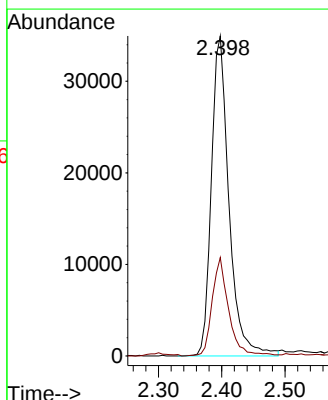
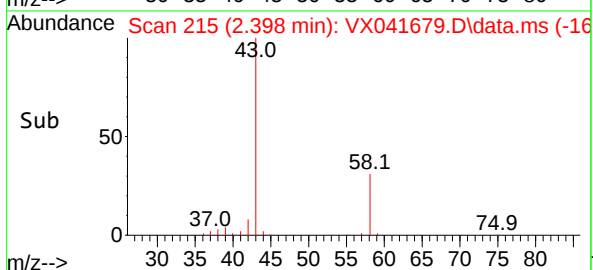
Tgt Ion:168 Resp: 148380
Ion Ratio Lower Upper
168 100
99 51.6 56.6 85.0#

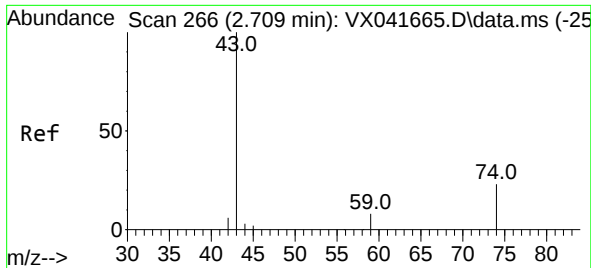


#16
Acetone
Concen: 82.538 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX041679.D
Acq: 29 May 2024 17:16



Tgt Ion: 43 Resp: 67539
Ion Ratio Lower Upper
43 100
58 30.4 21.9 32.9





#18

Methyl Acetate

Concen: 3.116 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.006 min

Lab File: VX041679.D

Acq: 29 May 2024 17:16

Instrument :

MSVOA_X

ClientSampleId :

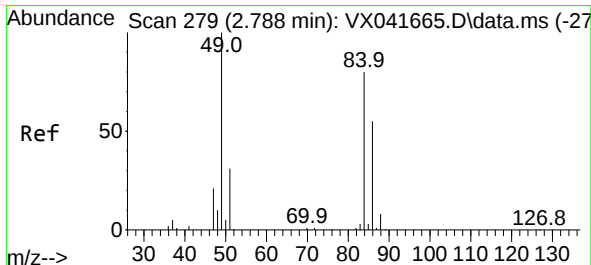
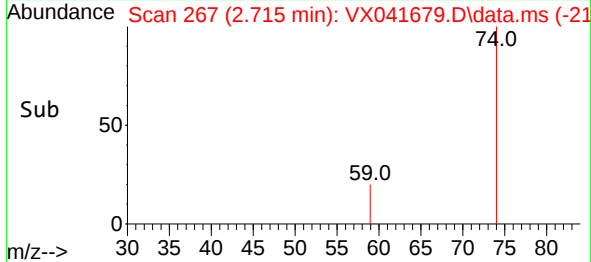
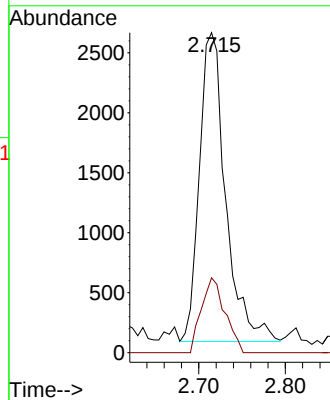
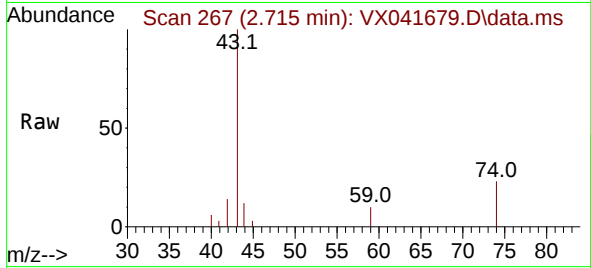
PB161143ZHE#05

Tgt Ion: 43 Resp: 5415

Ion Ratio Lower Upper

43 100

74 21.8 17.8 26.8



#20

Methylene Chloride

Concen: 5.640 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX041679.D

Acq: 29 May 2024 17:16

Tgt Ion: 84 Resp: 9185

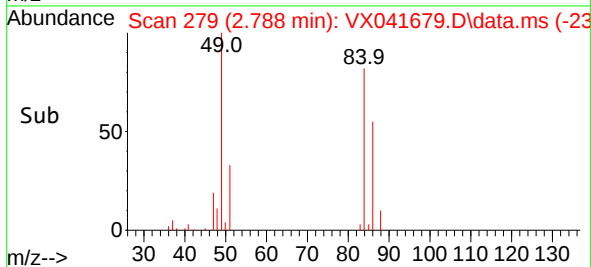
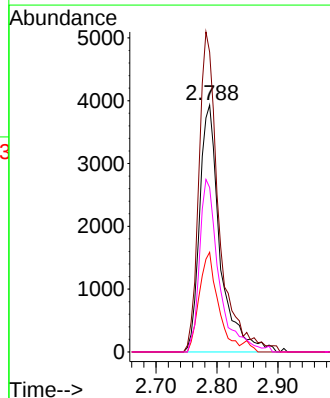
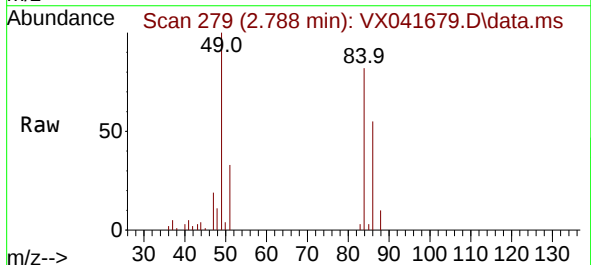
Ion Ratio Lower Upper

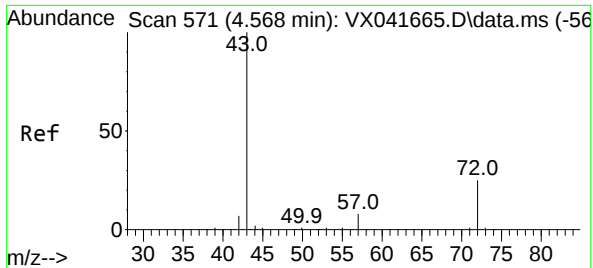
84 100

49 121.4 103.6 155.4

51 40.3 33.8 50.6

86 66.6 49.4 74.0

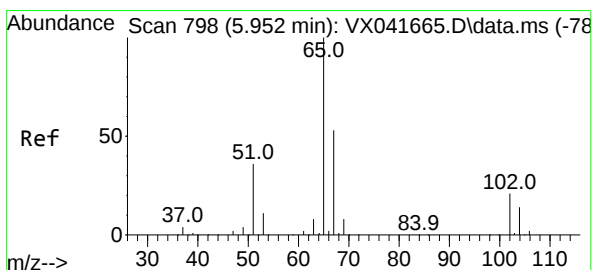
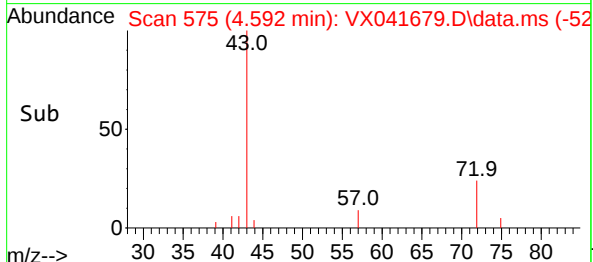
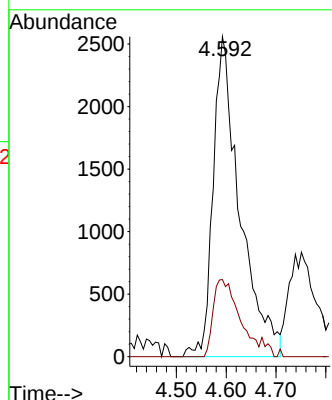
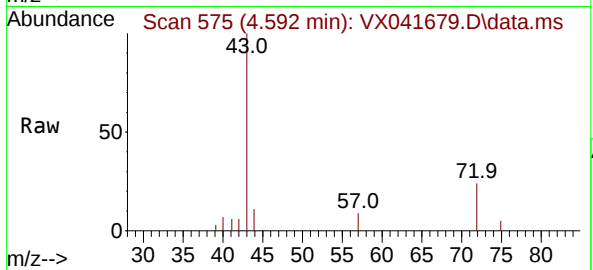




#25
2-Butanone
Concen: 8.444 ug/l
RT: 4.592 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX041679.D
Acq: 29 May 2024 17:16

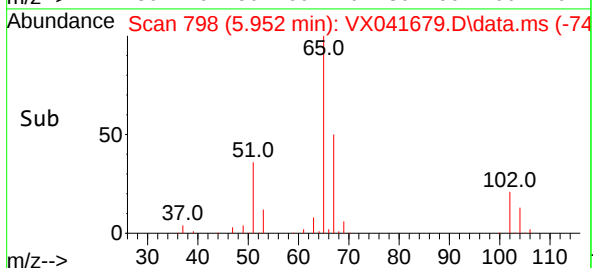
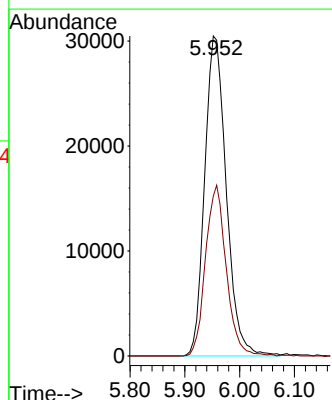
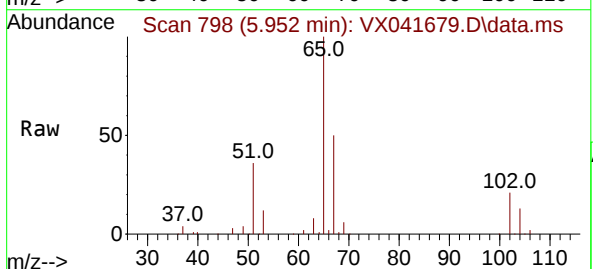
Instrument :
MSVOA_X
ClientSampleId :
PB161143ZHE#05

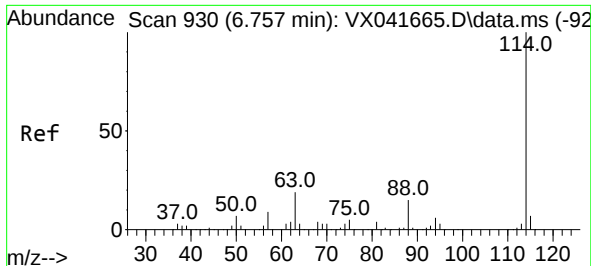
Tgt Ion: 43 Resp: 9550
Ion Ratio Lower Upper
43 100
72 24.1 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 45.783 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041679.D
Acq: 29 May 2024 17:16

Tgt Ion: 65 Resp: 83317
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2

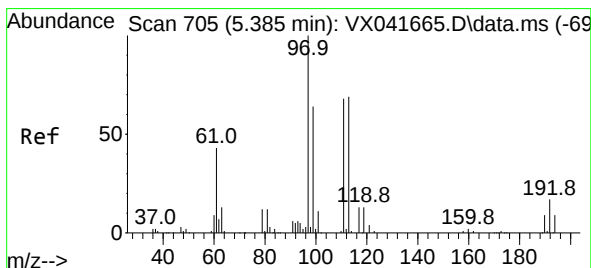
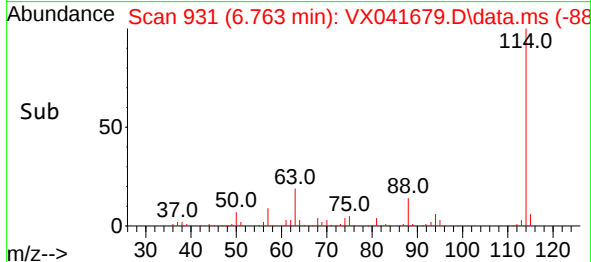
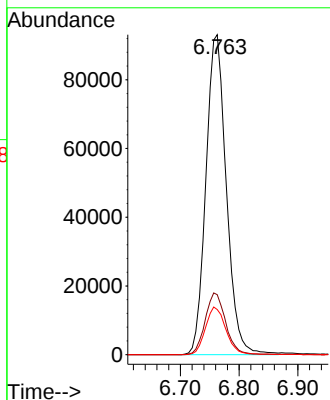
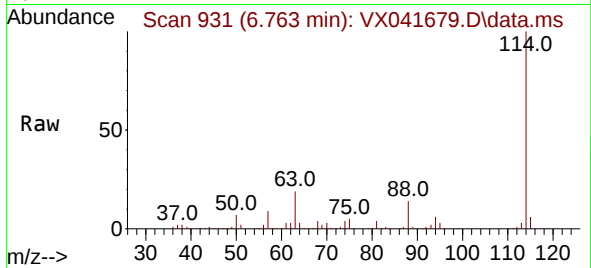




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX041679.D
Acq: 29 May 2024 17:16

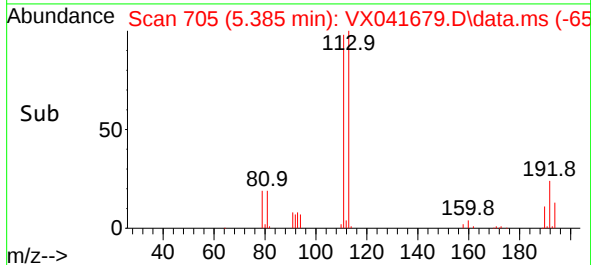
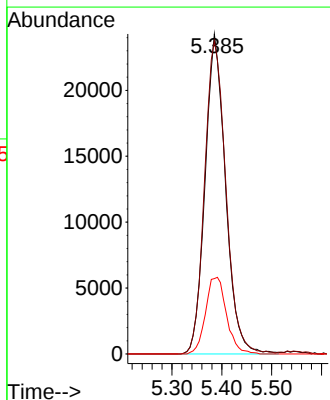
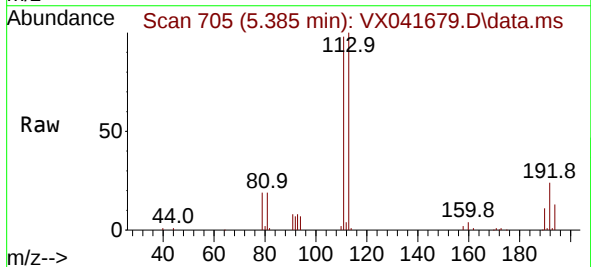
Instrument :
MSVOA_X
ClientSampleId :
PB161143ZHE#05

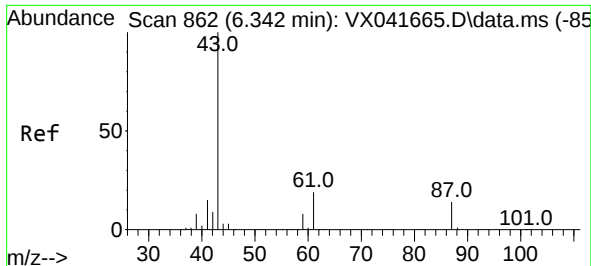
Tgt Ion:114 Resp: 225159
Ion Ratio Lower Upper
114 100
63 18.7 0.0 45.0
88 14.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.524 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041679.D
Acq: 29 May 2024 17:16

Tgt Ion:113 Resp: 69312
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 24.4 13.3 19.9#

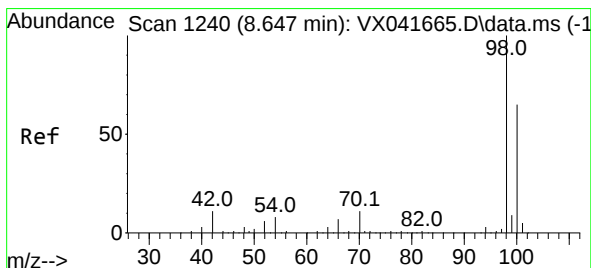
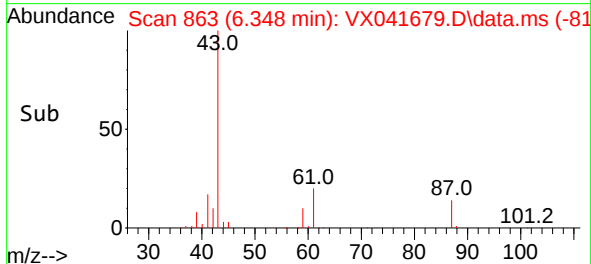
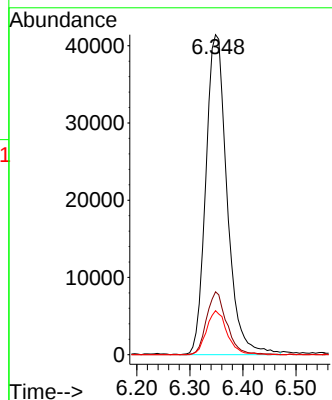
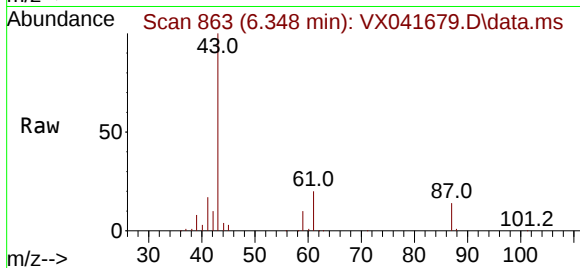




#43
Isopropyl Acetate
Concen: 32.139 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX041679.D
Acq: 29 May 2024 17:16

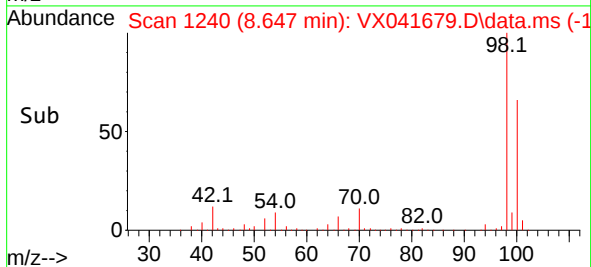
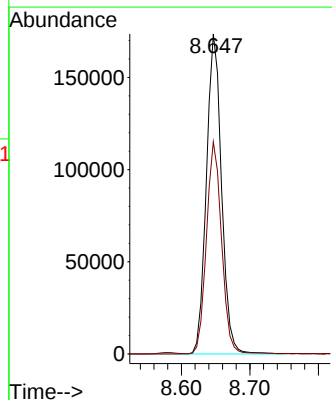
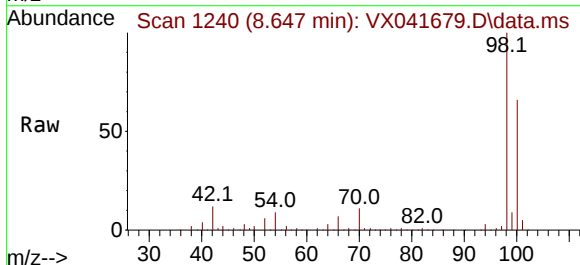
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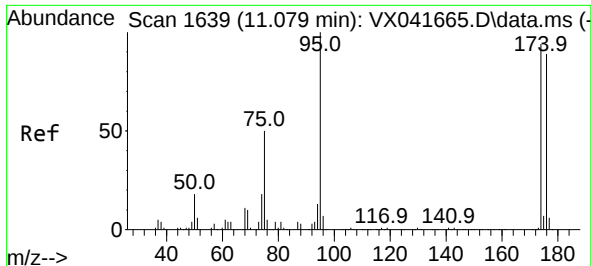
Tgt Ion: 43 Resp: 115432
Ion Ratio Lower Upper
43 100
61 18.6 15.2 22.8
87 13.2 9.8 14.6



#50
Toluene-d8
Concen: 49.117 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041679.D
Acq: 29 May 2024 17:16

Tgt Ion: 98 Resp: 267168
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 50.892 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041679.D

Acq: 29 May 2024 17:16

Instrument :

MSVOA_X

ClientSampleId :

PB161143ZHE#05

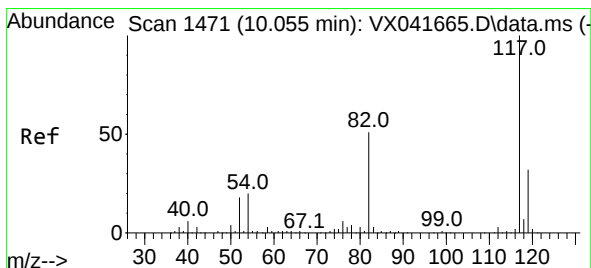
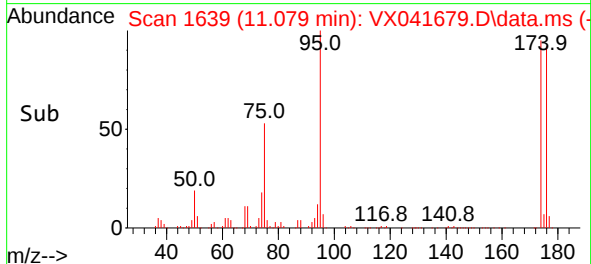
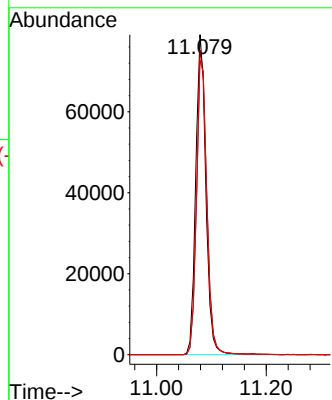
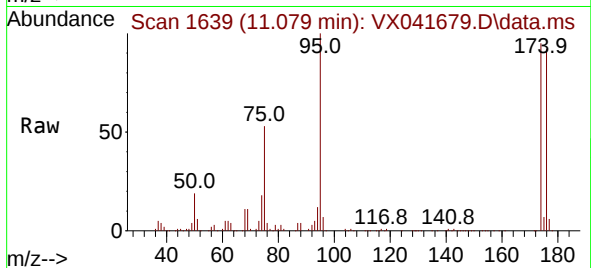
Tgt Ion: 95 Resp: 102170

Ion Ratio Lower Upper

95 100

174 95.5 0.0 135.6

176 93.9 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: VX041679.D

Acq: 29 May 2024 17:16

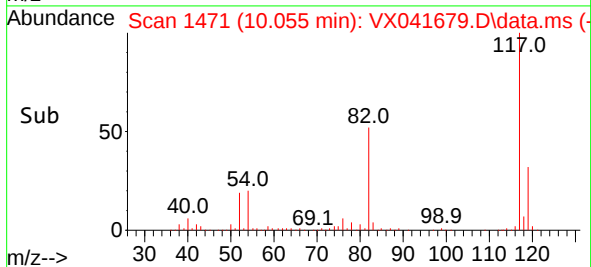
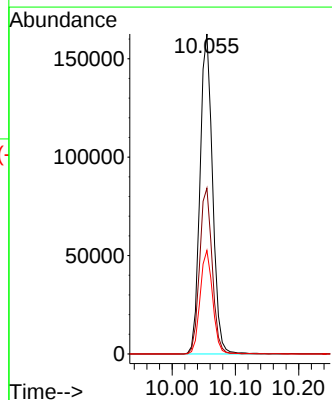
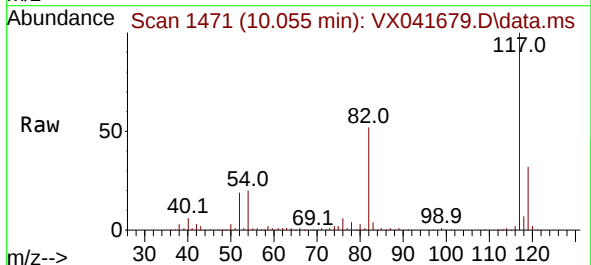
Tgt Ion: 117 Resp: 224824

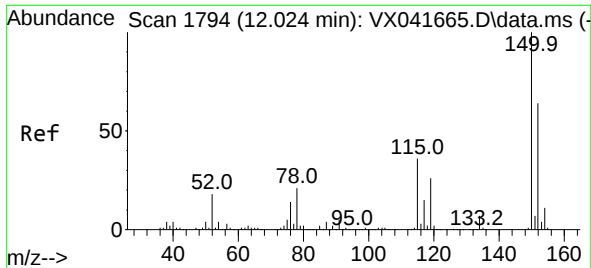
Ion Ratio Lower Upper

117 100

82 51.8 46.2 69.4

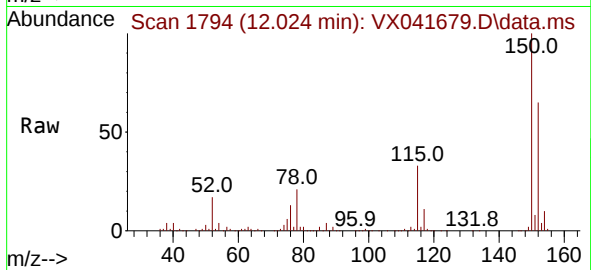
119 32.3 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX041679.D
 Acq: 29 May 2024 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 PB161143ZHE#05



Tgt Ion:152 Resp: 113968
 Ion Ratio Lower Upper
 152 100
 115 53.8 43.3 129.9
 150 156.2 0.0 345.0

