

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052924\
 Data File : VX041675.D
 Acq On : 29 May 2024 15:43
 Operator : JC/MD
 Sample : PB161143ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB161143ZHE#01

Quant Time: May 30 07:43:59 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)

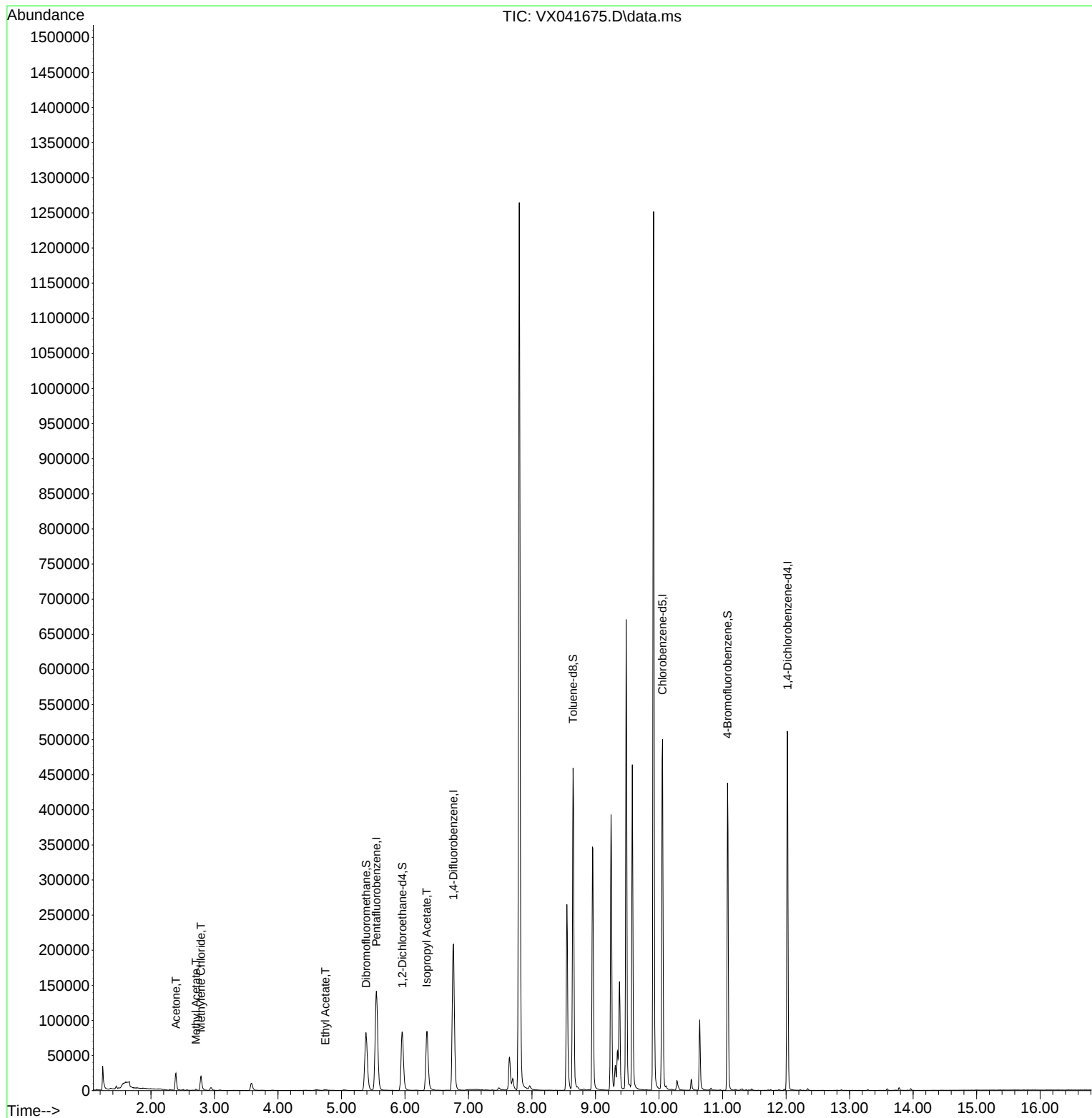
Internal Standards						
1) Pentafluorobenzene	5.550	168	149604	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	225389	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83394	45.450	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.900%
35) Dibromofluoromethane	5.385	113	69899	44.855	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.720%
50) Toluene-d8	8.647	98	269332	49.464	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.920%
62) 4-Bromofluorobenzene	11.079	95	105932	52.712	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.420%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	27177	31.128	ug/l	100
18) Methyl Acetate	2.709	43	2202	1.257	ug/l	# 90
20) Methylene Chloride	2.788	84	10535	6.416	ug/l	89
37) Ethyl Acetate	4.745	43	3296	1.384	ug/l	# 85
43) Isopropyl Acetate	6.342	43	120835	33.609	ug/l	99

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

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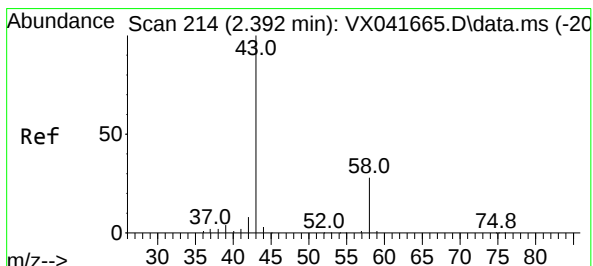
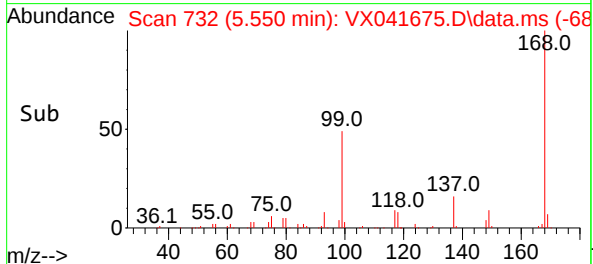
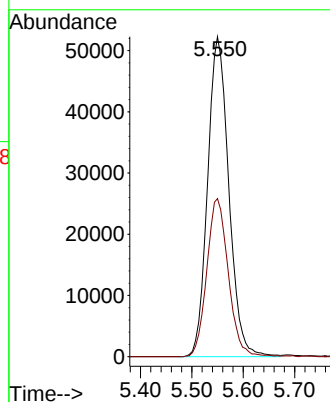
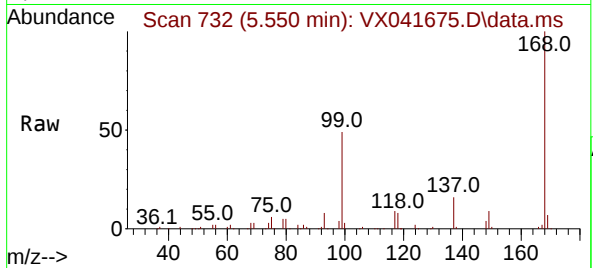




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041675.D
Acq: 29 May 2024 15:43

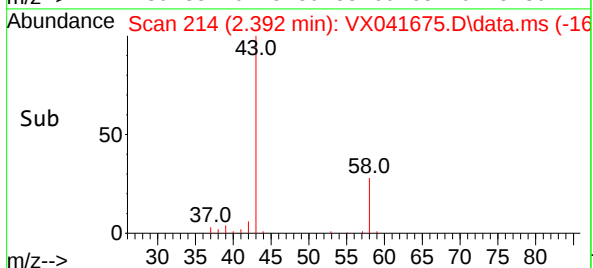
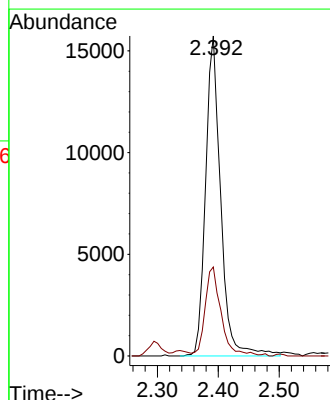
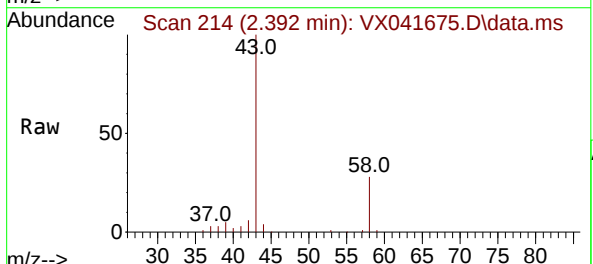
Instrument :
MSVOA_X
ClientSampleId :
PB161143ZHE#01

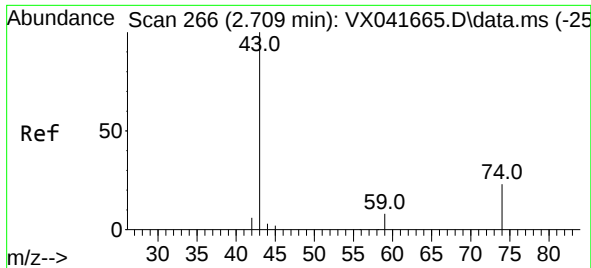
Tgt Ion:168 Resp: 149604
Ion Ratio Lower Upper
168 100
99 49.4 56.6 85.0#



#16
Acetone
Concen: 31.128 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041675.D
Acq: 29 May 2024 15:43

Tgt Ion: 43 Resp: 27177
Ion Ratio Lower Upper
43 100
58 27.2 21.9 32.9

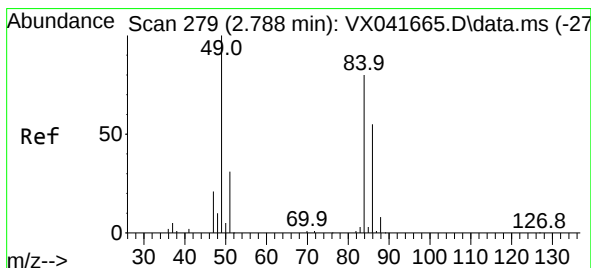
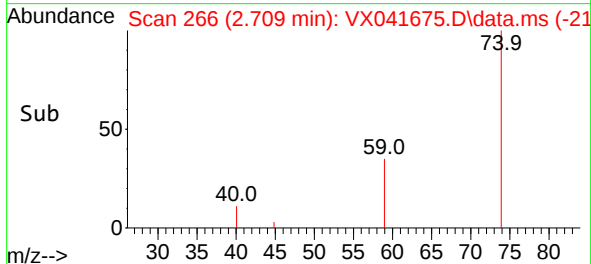
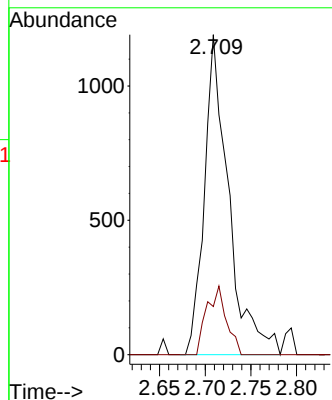
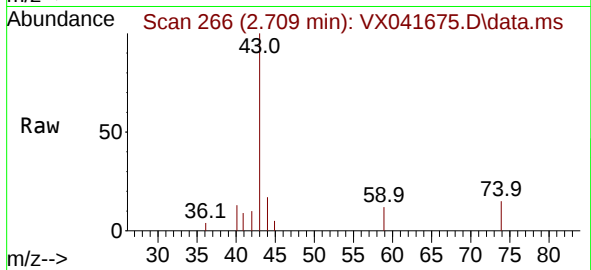




#18
Methyl Acetate
Concen: 1.257 ug/l
RT: 2.709 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX041675.D
Acq: 29 May 2024 15:43

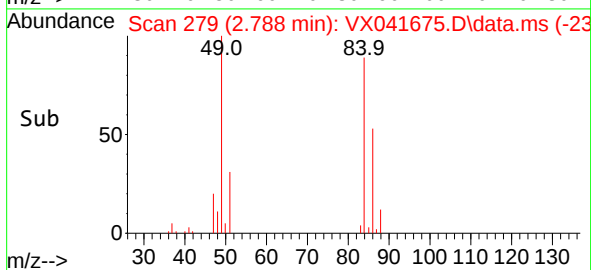
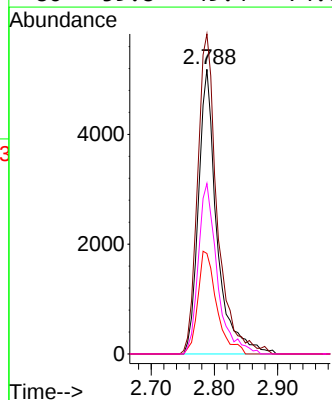
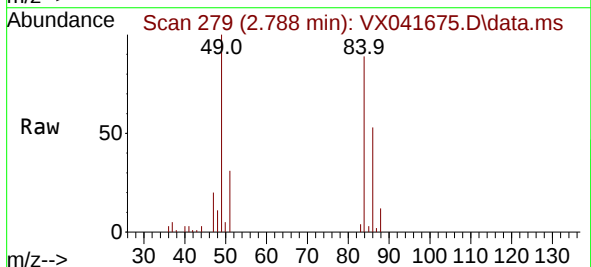
Instrument :
MSVOA_X
ClientSampleId :
PB161143ZHE#01

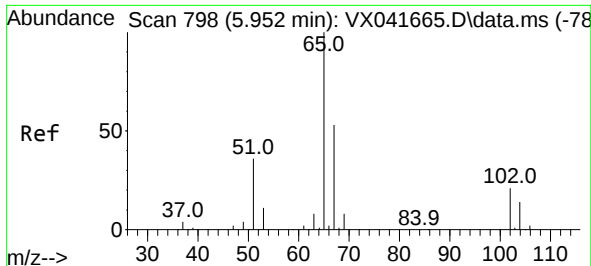
Tgt Ion: 43 Resp: 2202
Ion Ratio Lower Upper
43 100
74 17.4 17.8 26.8#



#20
Methylene Chloride
Concen: 6.416 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041675.D
Acq: 29 May 2024 15:43

Tgt Ion: 84 Resp: 10535
Ion Ratio Lower Upper
84 100
49 112.4 103.6 155.4
51 35.3 33.8 50.6
86 59.8 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 45.450 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041675.D

Acq: 29 May 2024 15:43

Instrument :

MSVOA_X

ClientSampleId :

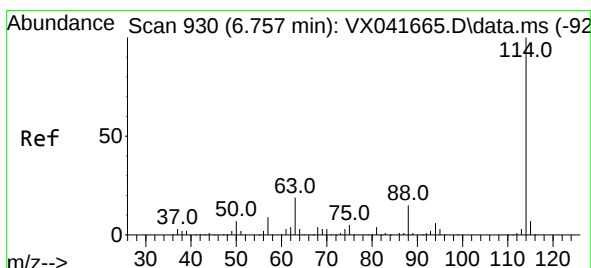
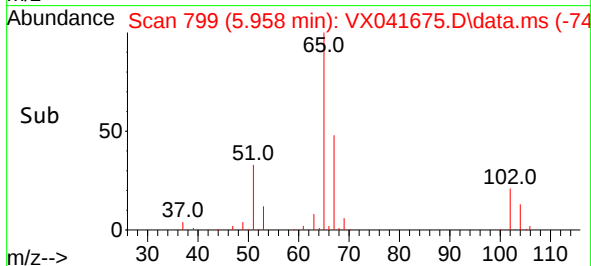
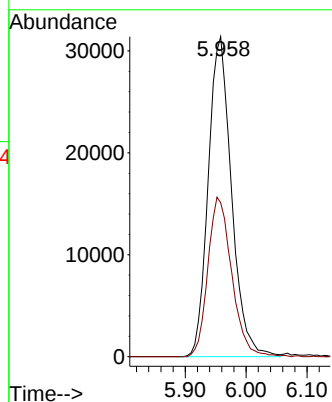
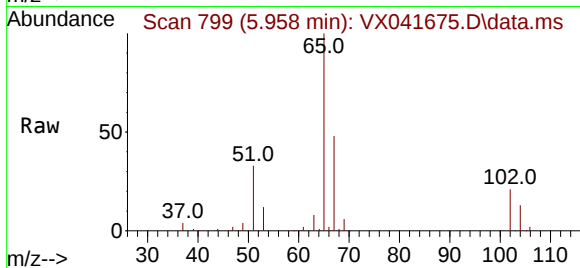
PB161143ZHE#01

Tgt Ion: 65 Resp: 83394

Ion Ratio Lower Upper

65 100

67 51.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX041675.D

Acq: 29 May 2024 15:43

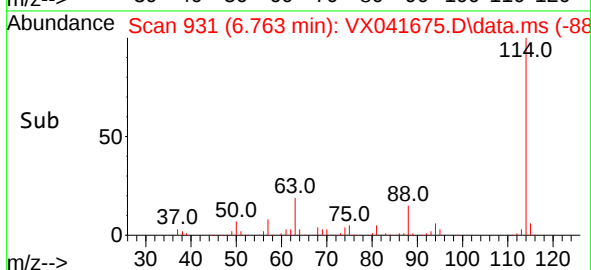
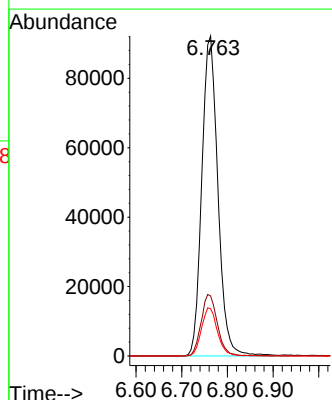
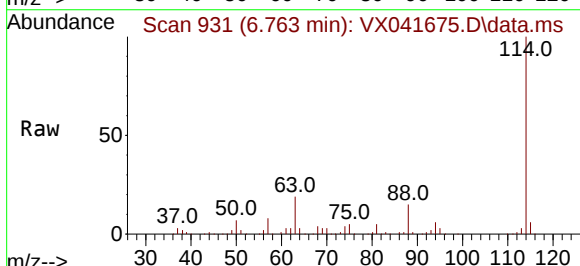
Tgt Ion: 114 Resp: 225389

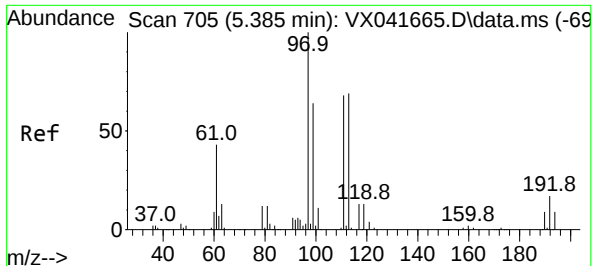
Ion Ratio Lower Upper

114 100

63 18.7 0.0 45.0

88 14.7 0.0 36.6

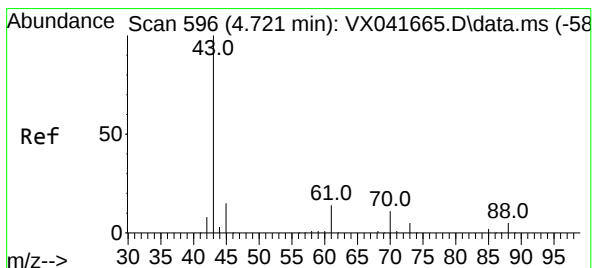
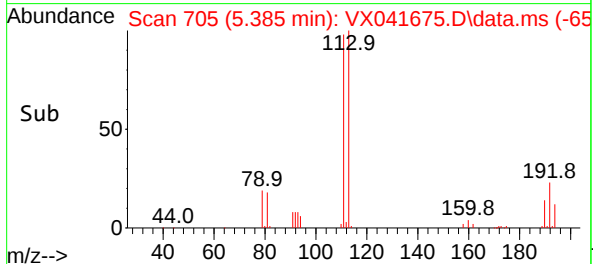
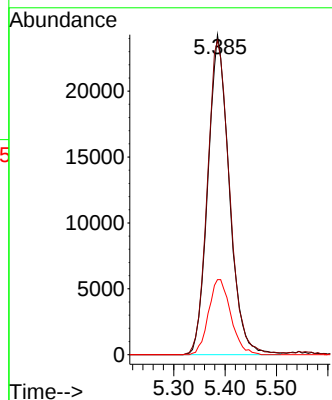
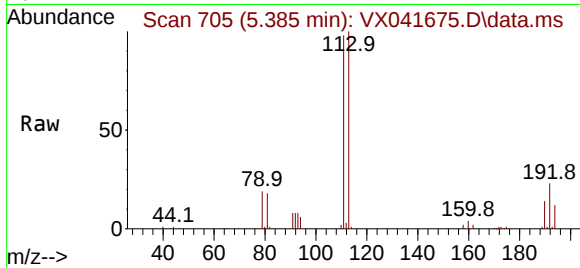




#35
Dibromofluoromethane
Concen: 44.855 ug/l
RT: 5.385 min Scan# 70
Delta R.T. 0.000 min
Lab File: VX041675.D
Acq: 29 May 2024 15:43

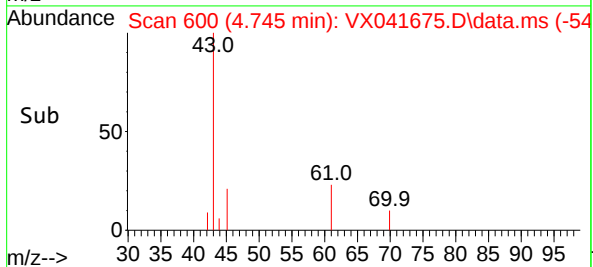
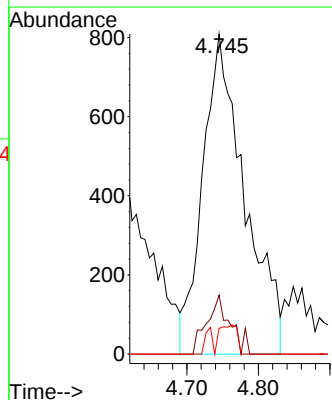
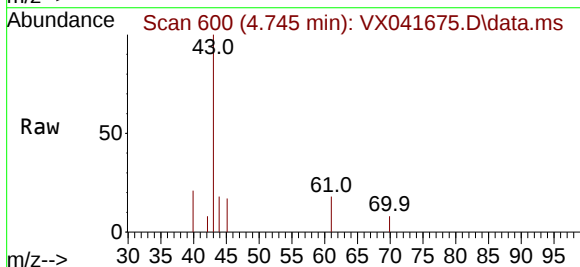
Instrument :
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ClientSampleId :
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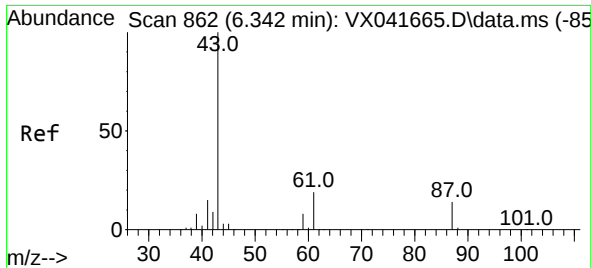
Tgt Ion:113 Resp: 69899
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 24.5 13.3 19.9#



#37
Ethyl Acetate
Concen: 1.384 ug/l
RT: 4.745 min Scan# 600
Delta R.T. 0.025 min
Lab File: VX041675.D
Acq: 29 May 2024 15:43

Tgt Ion: 43 Resp: 3296
Ion Ratio Lower Upper
43 100
61 10.3 10.6 16.0#
70 1.4 8.3 12.5#

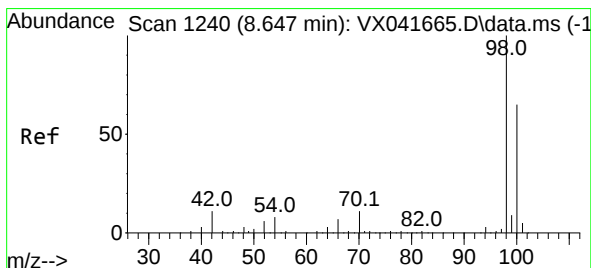
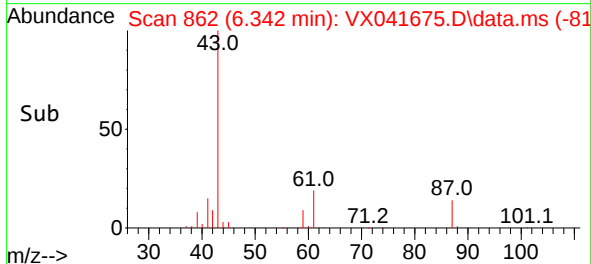
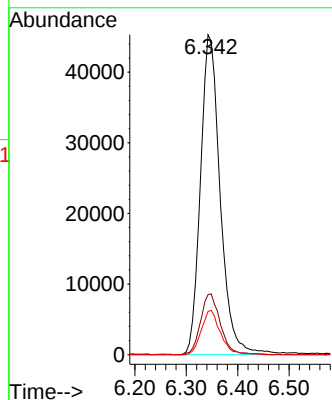
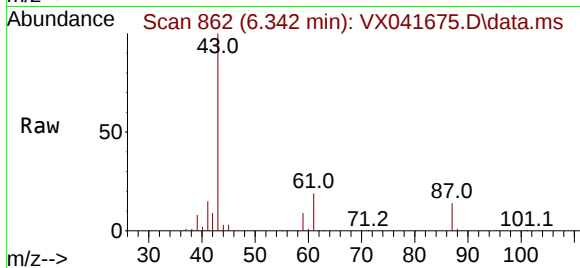




#43
Isopropyl Acetate
Concen: 33.609 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX041675.D
Acq: 29 May 2024 15:43

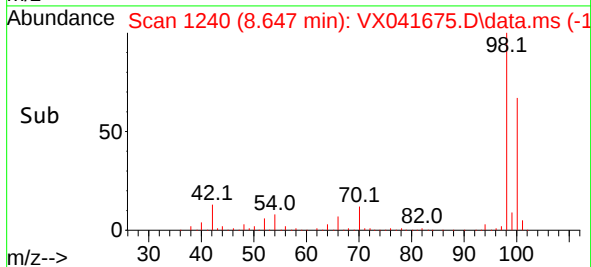
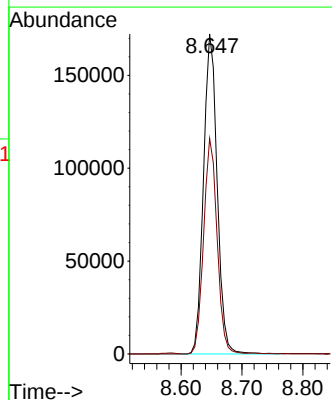
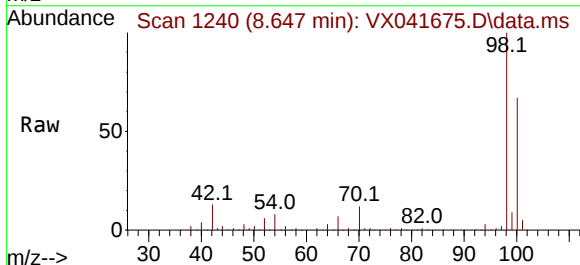
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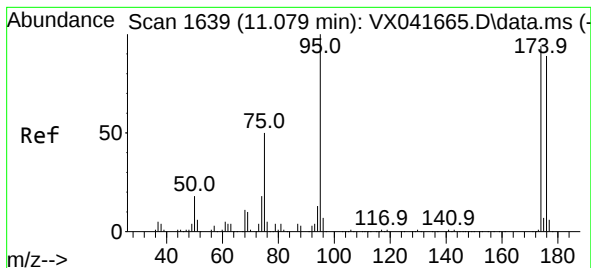
Tgt Ion: 43 Resp: 120835
Ion Ratio Lower Upper
43 100
61 19.0 15.2 22.8
87 13.4 9.8 14.6



#50
Toluene-d8
Concen: 49.464 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041675.D
Acq: 29 May 2024 15:43

Tgt Ion: 98 Resp: 269332
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

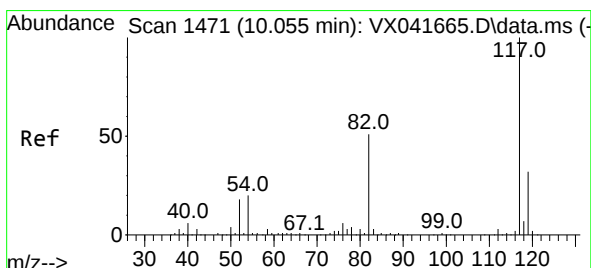
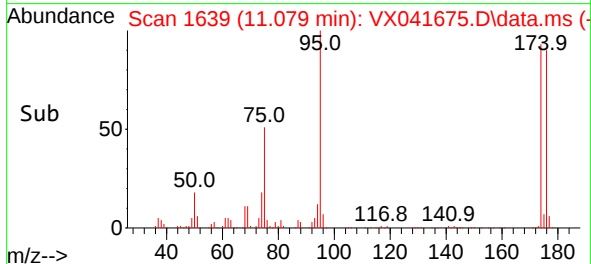
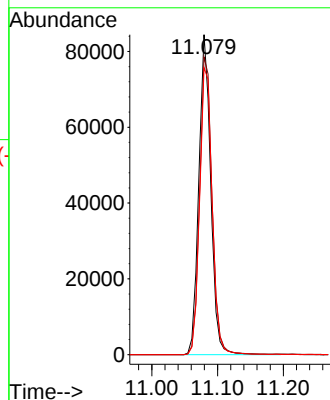
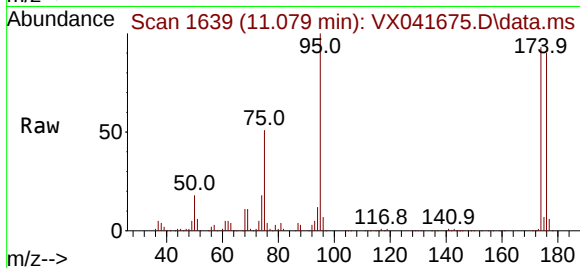




#62
4-Bromofluorobenzene
Concen: 52.712 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041675.D
Acq: 29 May 2024 15:43

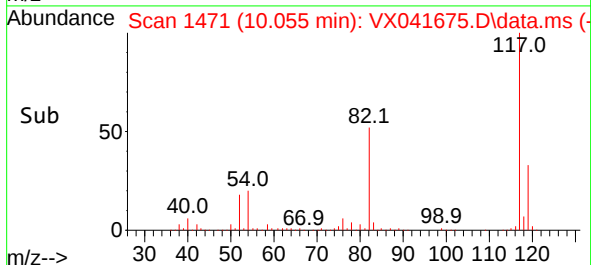
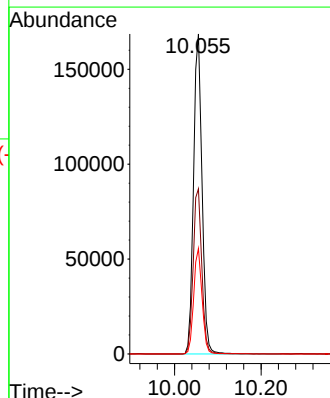
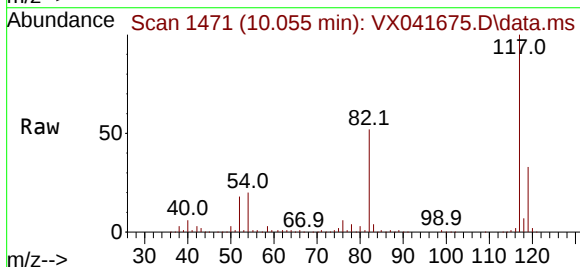
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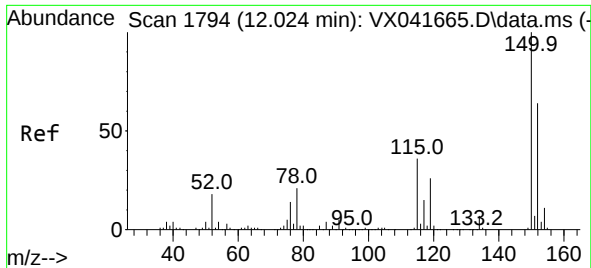
Tgt Ion: 95 Resp: 105932
Ion Ratio Lower Upper
95 100
174 97.3 0.0 135.6
176 94.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041675.D
Acq: 29 May 2024 15:43

Tgt Ion: 117 Resp: 229798
Ion Ratio Lower Upper
117 100
82 51.6 46.2 69.4
119 33.0 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: VX041675.D

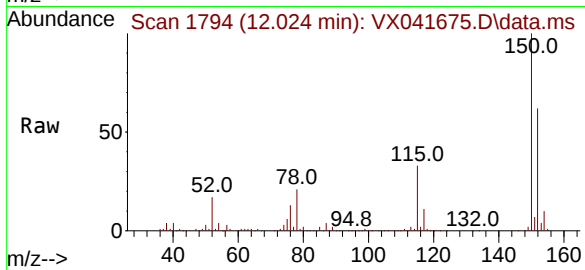
Acq: 29 May 2024 15:43

Instrument :

MSVOA_X

ClientSampleId :

PB161143ZHE#01



Tgt Ion:152 Resp: 118780

Ion Ratio Lower Upper

152 100

115 54.0 43.3 129.9

150 157.9 0.0 345.0

