

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052924\
 Data File : VX041676.D
 Acq On : 29 May 2024 16:06
 Operator : JC/MD
 Sample : PB161143ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB161143ZHE#02

Quant Time: May 30 07:44:30 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)

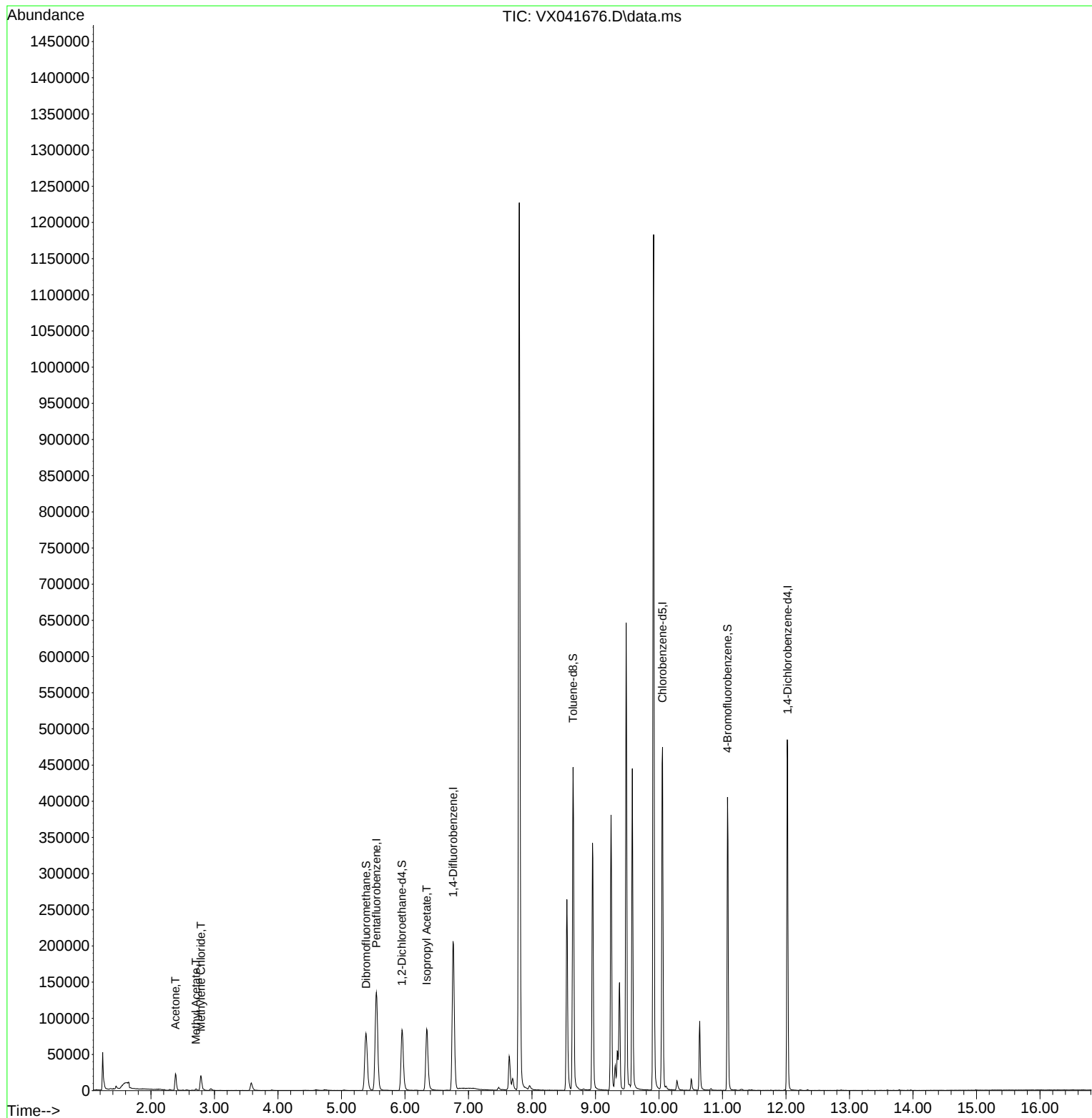
Internal Standards						
1) Pentafluorobenzene	5.550	168	143446	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	219037	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82945	47.146	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.300%
35) Dibromofluoromethane	5.385	113	69189	45.687	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.380%
50) Toluene-d8	8.647	98	260061	49.147	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.300%
62) 4-Bromofluorobenzene	11.079	95	98698	50.537	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.080%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	25570	30.492	ug/l	92
18) Methyl Acetate	2.709	43	2692	1.603	ug/l	99
20) Methylene Chloride	2.788	84	10977	6.972	ug/l	91
43) Isopropyl Acetate	6.342	43	118477	33.909	ug/l	98

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

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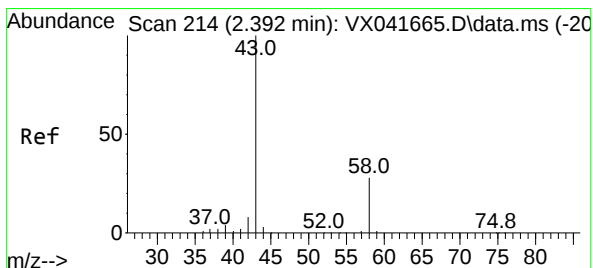
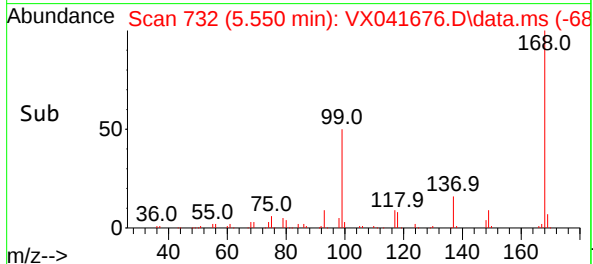
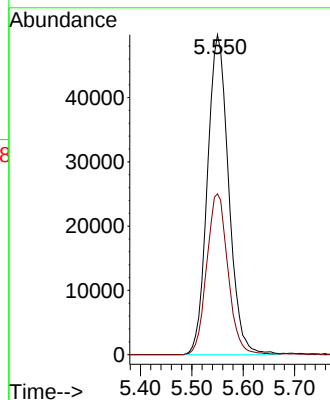
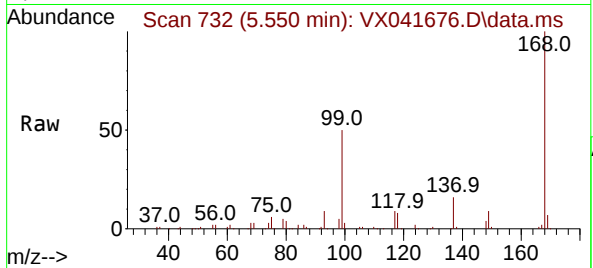




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041676.D
Acq: 29 May 2024 16:06

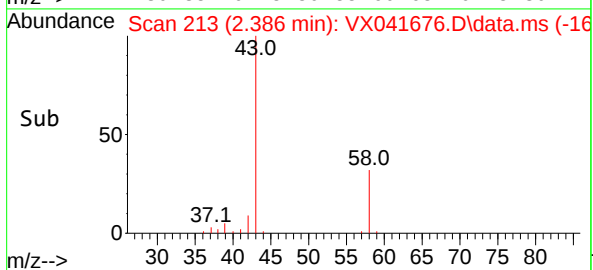
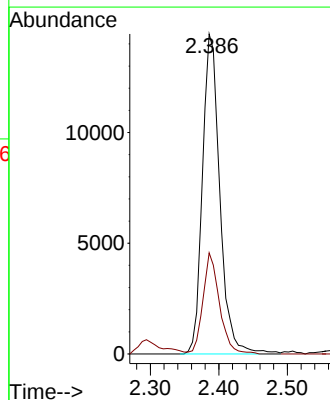
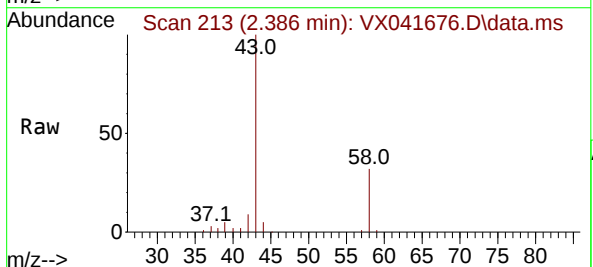
Instrument :
MSVOA_X
ClientSampleId :
PB161143ZHE#02

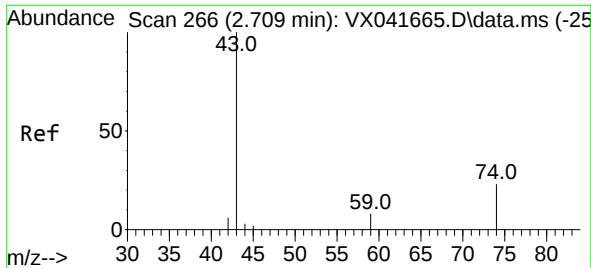
Tgt Ion:168 Resp: 143446
Ion Ratio Lower Upper
168 100
99 50.3 56.6 85.0#



#16
Acetone
Concen: 30.492 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX041676.D
Acq: 29 May 2024 16:06

Tgt Ion: 43 Resp: 25570
Ion Ratio Lower Upper
43 100
58 31.6 21.9 32.9

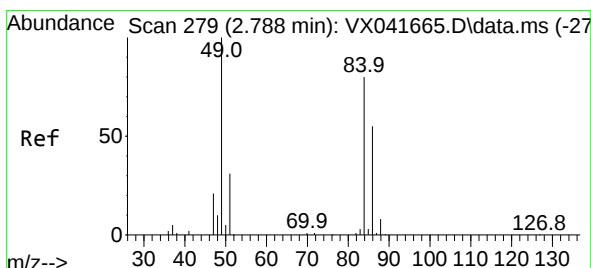
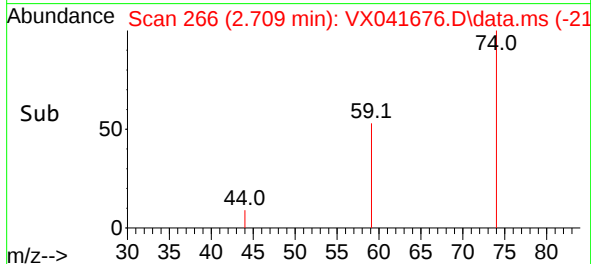
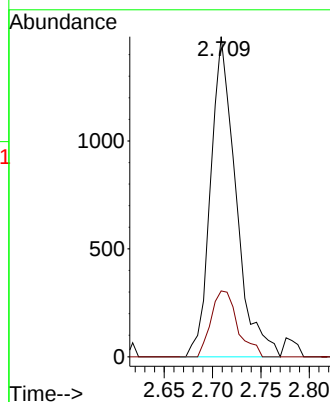
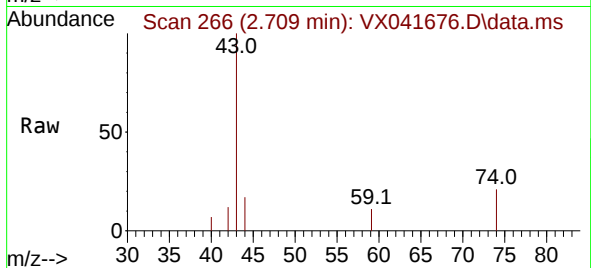




#18
Methyl Acetate
Concen: 1.603 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041676.D
Acq: 29 May 2024 16:06

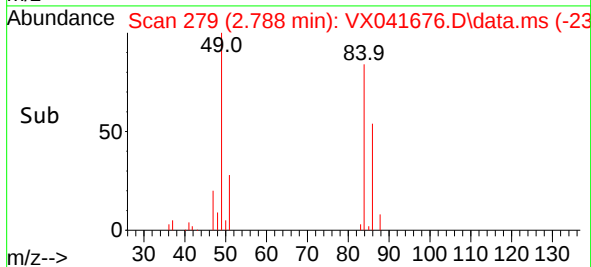
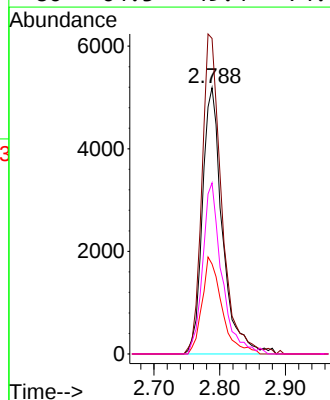
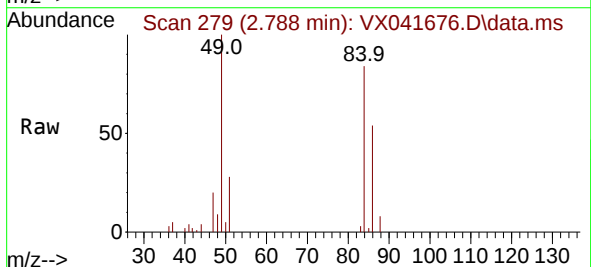
Instrument :
MSVOA_X
ClientSampleId :
PB161143ZHE#02

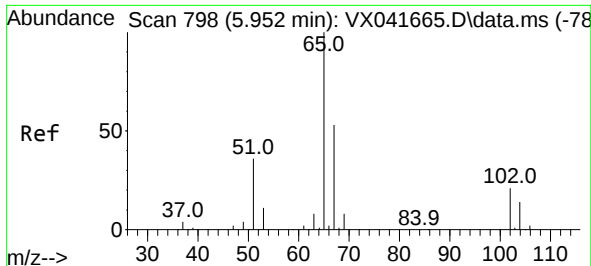
Tgt Ion: 43 Resp: 2692
Ion Ratio Lower Upper
43 100
74 21.6 17.8 26.8



#20
Methylene Chloride
Concen: 6.972 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041676.D
Acq: 29 May 2024 16:06

Tgt Ion: 84 Resp: 10977
Ion Ratio Lower Upper
84 100
49 118.5 103.6 155.4
51 33.8 33.8 50.6
86 64.3 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 47.146 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041676.D

Acq: 29 May 2024 16:06

Instrument :

MSVOA_X

ClientSampleId :

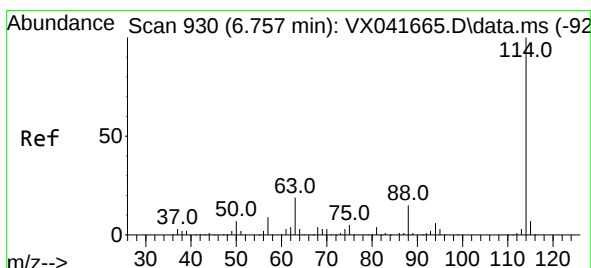
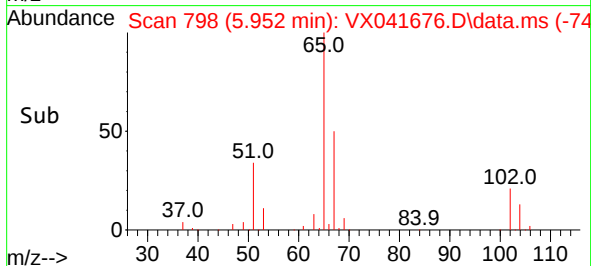
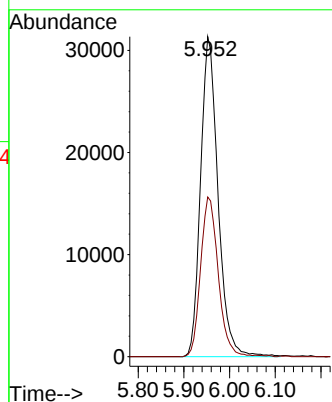
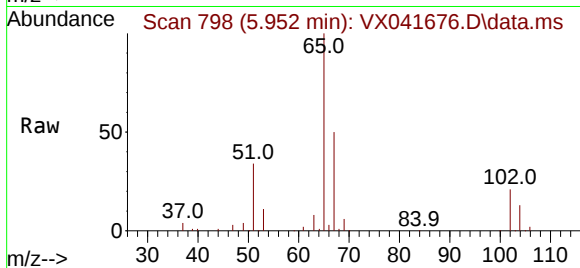
PB161143ZHE#02

Tgt Ion: 65 Resp: 82945

Ion Ratio Lower Upper

65 100

67 50.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX041676.D

Acq: 29 May 2024 16:06

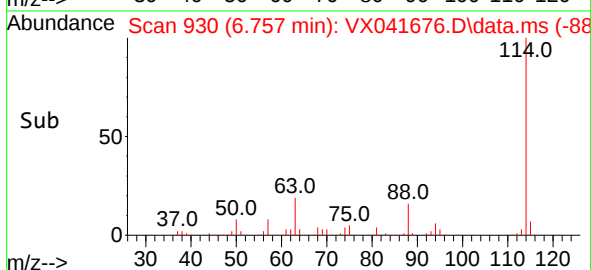
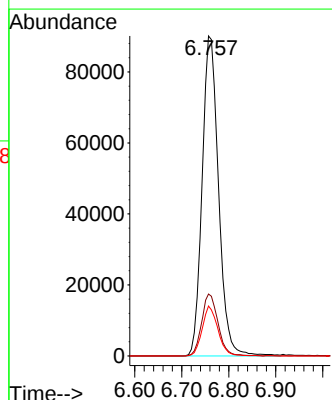
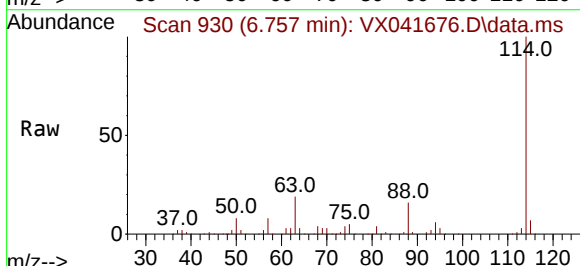
Tgt Ion: 114 Resp: 219037

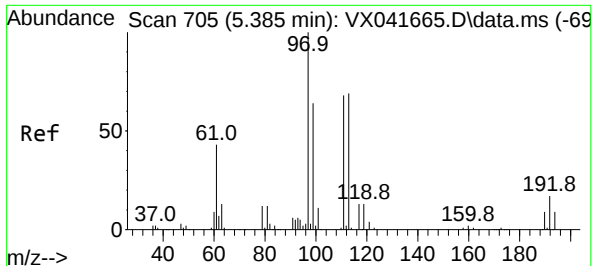
Ion Ratio Lower Upper

114 100

63 19.3 0.0 45.0

88 15.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.687 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX041676.D

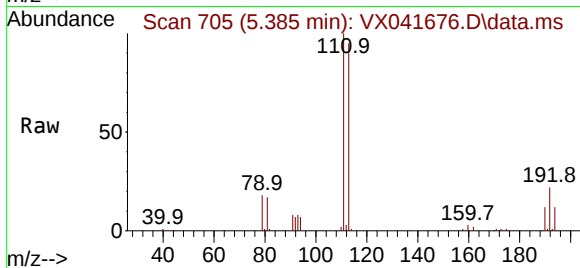
Acq: 29 May 2024 16:06

Instrument :

MSVOA_X

ClientSampleId :

PB161143ZHE#02



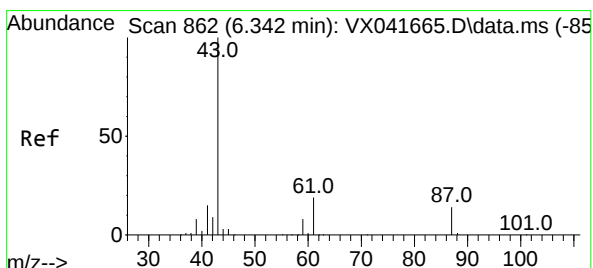
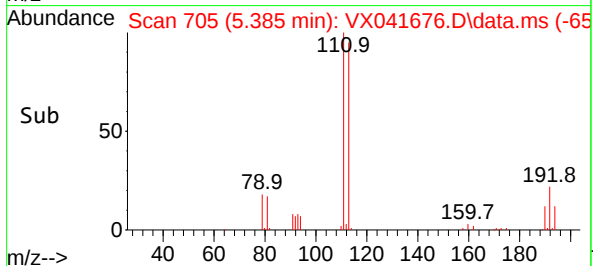
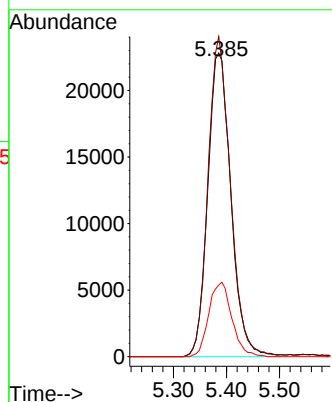
Tgt Ion:113 Resp: 69189

Ion Ratio Lower Upper

113 100

111 102.1 82.9 124.3

192 24.4 13.3 19.9#



#43

Isopropyl Acetate

Concen: 33.909 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX041676.D

Acq: 29 May 2024 16:06

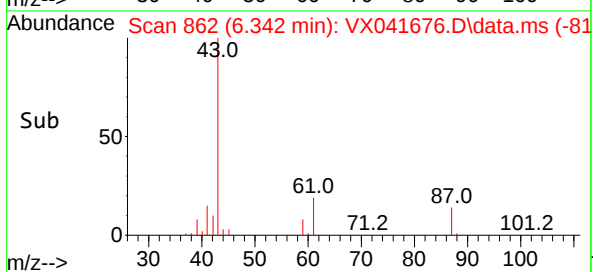
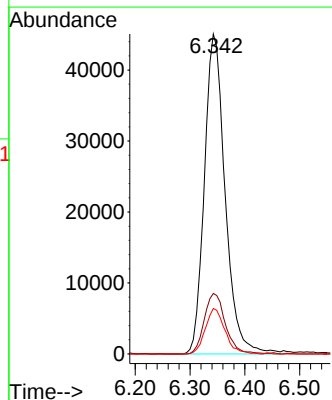
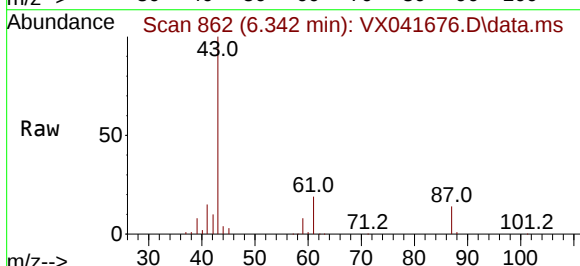
Tgt Ion: 43 Resp: 118477

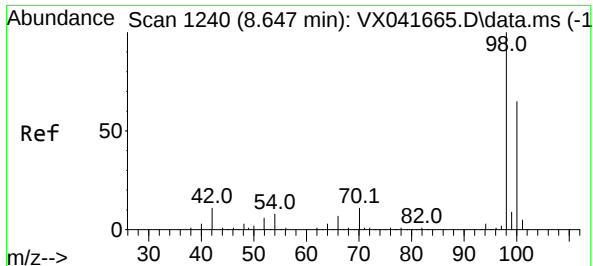
Ion Ratio Lower Upper

43 100

61 19.2 15.2 22.8

87 13.4 9.8 14.6

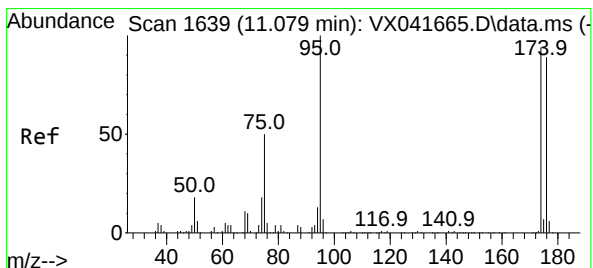
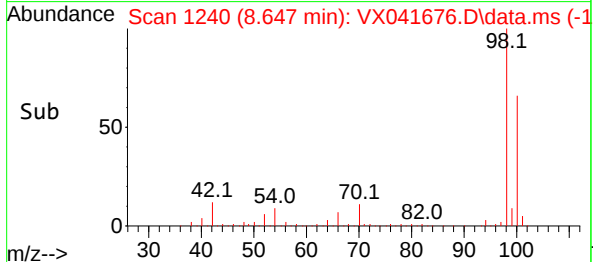
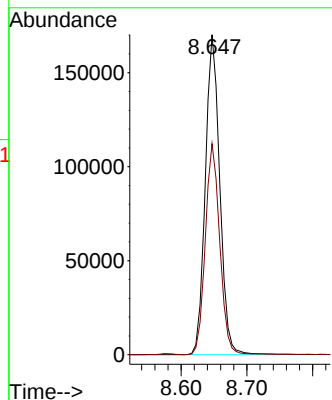
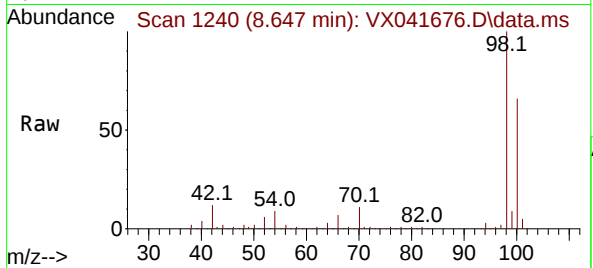




#50
Toluene-d8
Concen: 49.147 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041676.D
Acq: 29 May 2024 16:06

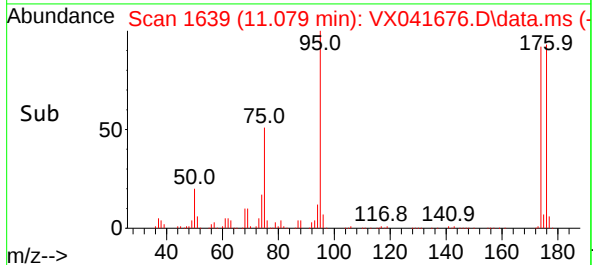
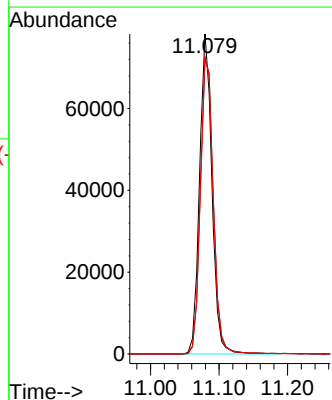
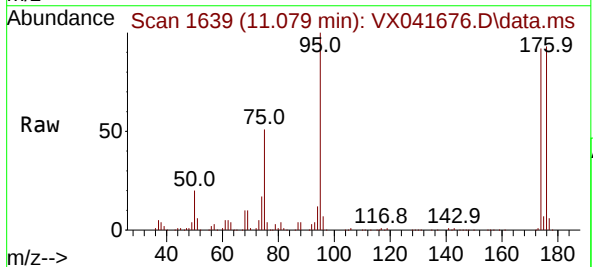
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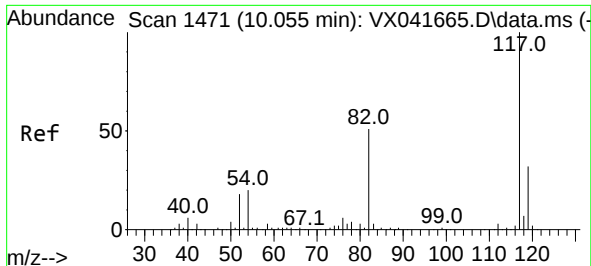
Tgt Ion: 98 Resp: 260061
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.537 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041676.D
Acq: 29 May 2024 16:06

Tgt Ion: 95 Resp: 98698
Ion Ratio Lower Upper
95 100
174 96.9 0.0 135.6
176 95.9 0.0 131.0

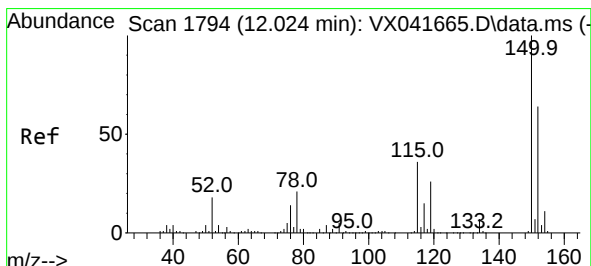
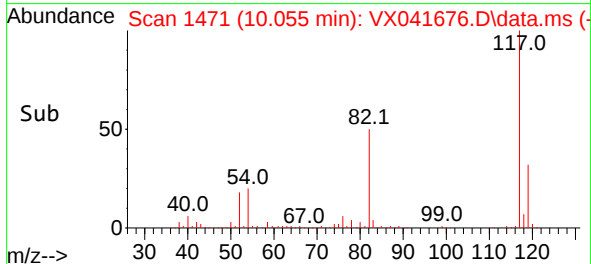
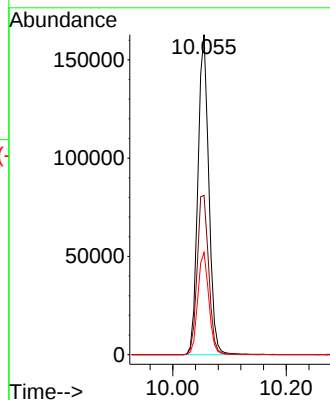
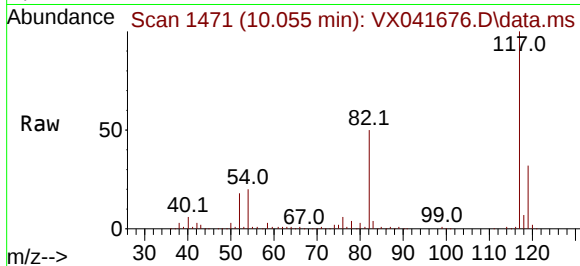




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041676.D
Acq: 29 May 2024 16:06

Instrument :
MSVOA_X
ClientSampleId :
PB161143ZHE#02

Tgt Ion:117 Resp: 218036
Ion Ratio Lower Upper
117 100
82 49.8 46.2 69.4
119 31.9 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: VX041676.D
Acq: 29 May 2024 16:06

Tgt Ion:152 Resp: 107786
Ion Ratio Lower Upper
152 100
115 54.5 43.3 129.9
150 155.8 0.0 345.0

