

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
 Data File : VX046416.D
 Acq On : 30 May 2025 13:05
 Operator : JC/MD
 Sample : Q2146-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP04-MHN-WC

Quant Time: May 30 23:26:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

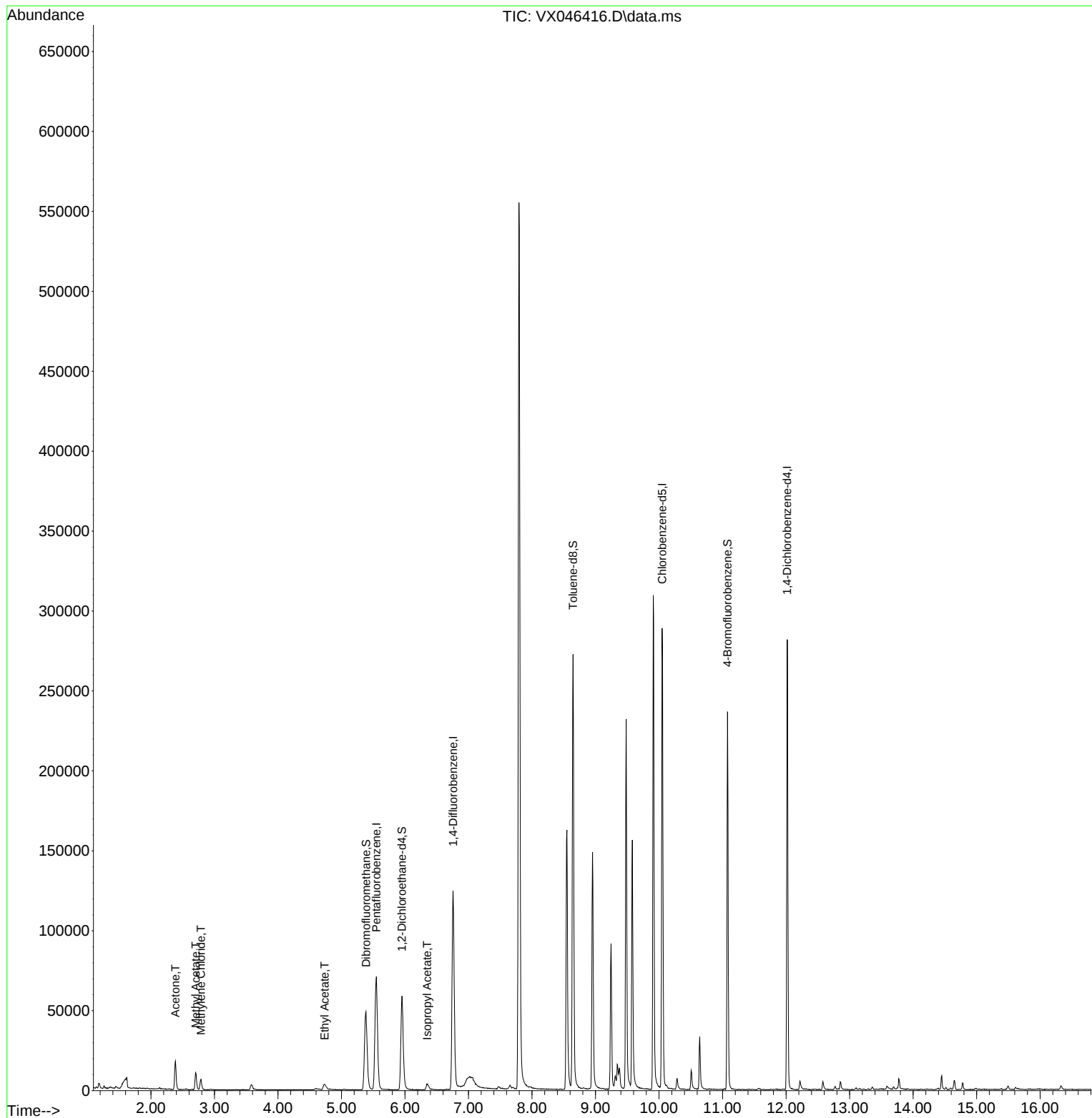
Internal Standards						
1) Pentafluorobenzene	5.549	168	59458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	119326	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	115273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59080	53.298	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.600%
35) Dibromofluoromethane	5.385	113	42900	49.926	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.860%
50) Toluene-d8	8.646	98	152297	51.208	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.420%
62) 4-Bromofluorobenzene	11.079	95	60349	52.900	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.800%
Target Compounds						
					Qvalue	
16) Acetone	2.385	43	19469	43.805	ug/l	98
18) Methyl Acetate	2.702	43	13054	12.657	ug/l	100
20) Methylene Chloride	2.788	84	2944	3.457	ug/l	93
37) Ethyl Acetate	4.732	43	6781	4.754	ug/l	97
43) Isopropyl Acetate	6.348	43	6010	2.762	ug/l	95

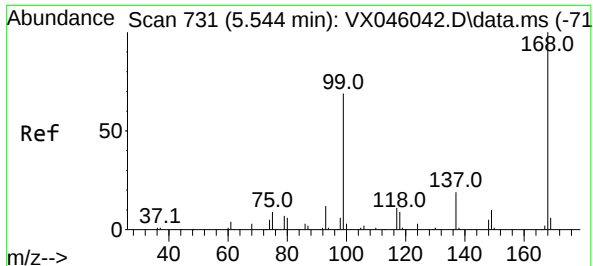
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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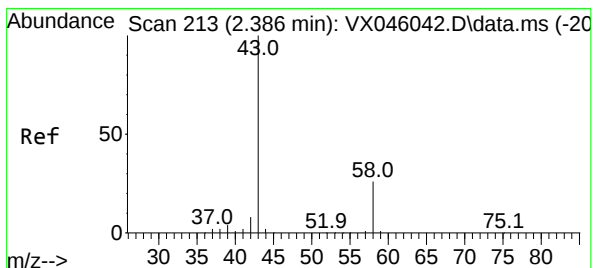
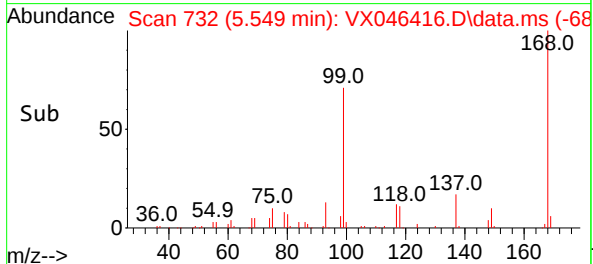
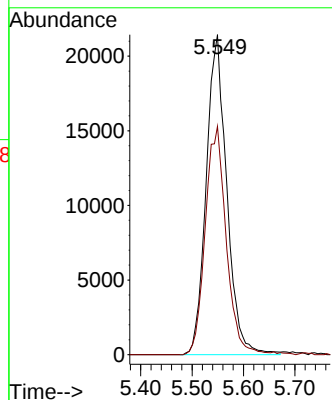
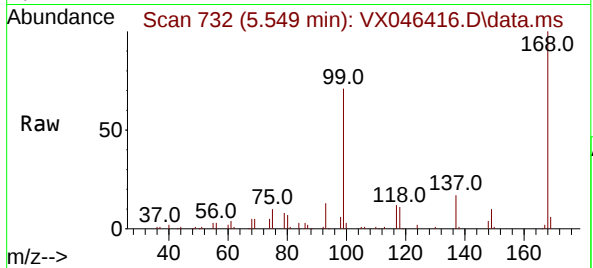




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX046416.D
Acq: 30 May 2025 13:05

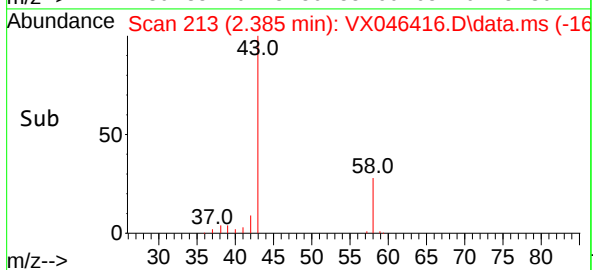
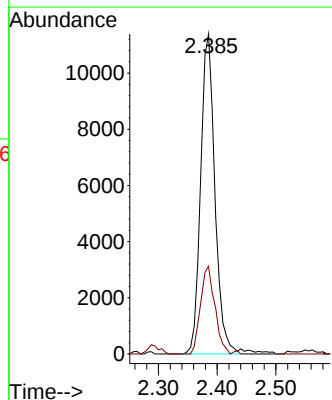
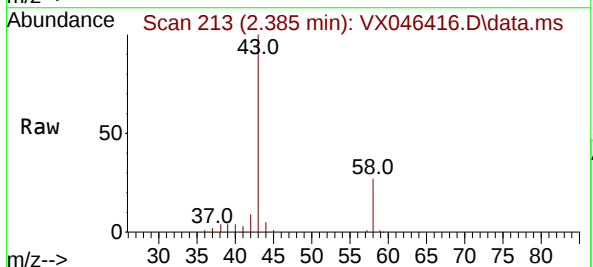
Instrument :
MSVOA_X
ClientSampleId :
TP04-MHN-WC

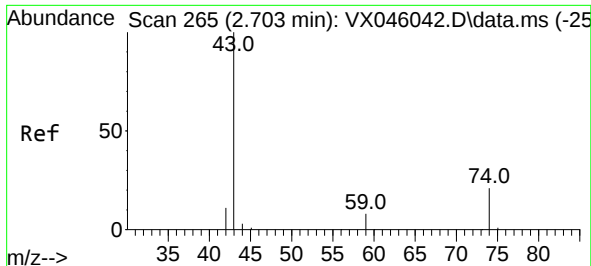
Tgt Ion:168 Resp: 59458
Ion Ratio Lower Upper
168 100
99 71.3 54.9 82.3



#16
Acetone
Concen: 43.805 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046416.D
Acq: 30 May 2025 13:05

Tgt Ion: 43 Resp: 19469
Ion Ratio Lower Upper
43 100
58 27.4 21.2 31.8

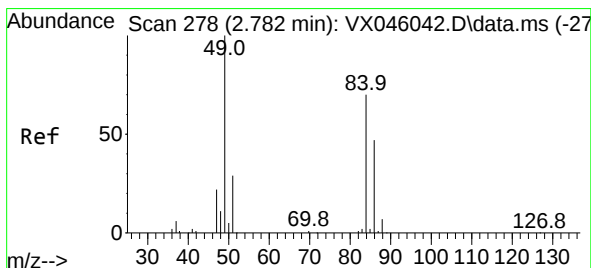
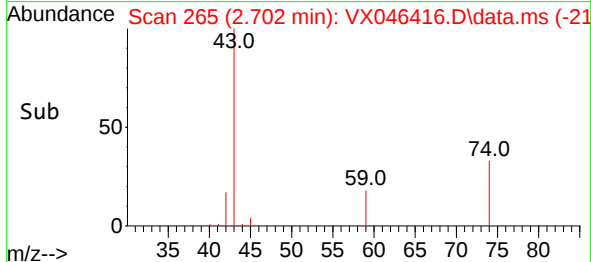
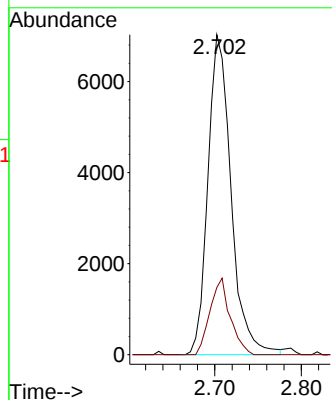
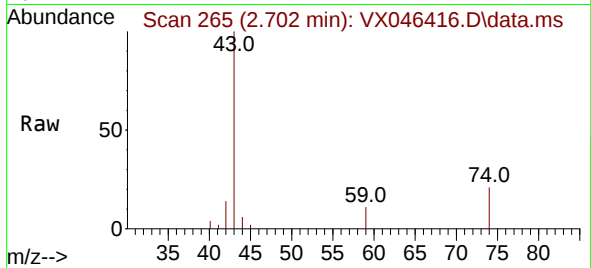




#18
Methyl Acetate
Concen: 12.657 ug/l
RT: 2.702 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX046416.D
Acq: 30 May 2025 13:05

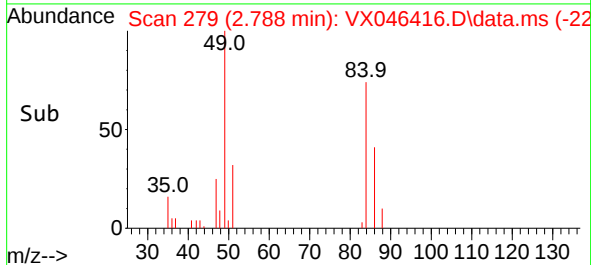
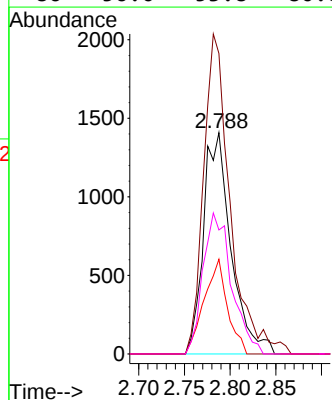
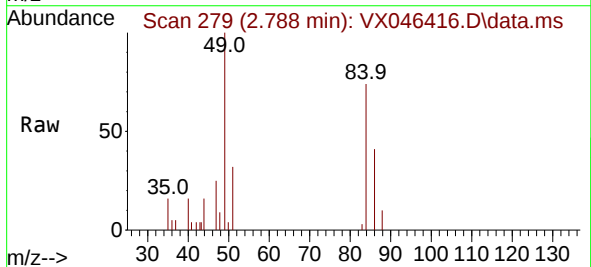
Instrument :
MSVOA_X
ClientSampleId :
TP04-MHN-WC

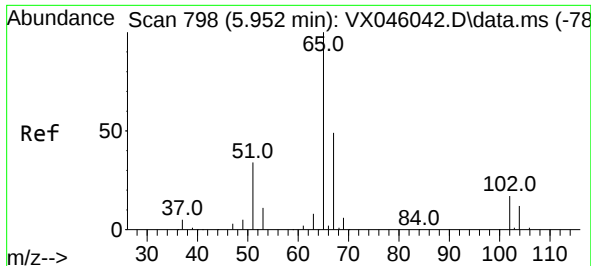
Tgt Ion: 43 Resp: 13054
Ion Ratio Lower Upper
43 100
74 20.8 16.7 25.1



#20
Methylene Chloride
Concen: 3.457 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046416.D
Acq: 30 May 2025 13:05

Tgt Ion: 84 Resp: 2944
Ion Ratio Lower Upper
84 100
49 135.8 113.9 170.9
51 42.8 33.5 50.3
86 56.0 53.8 80.8

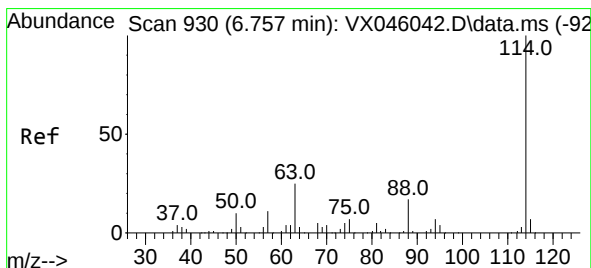
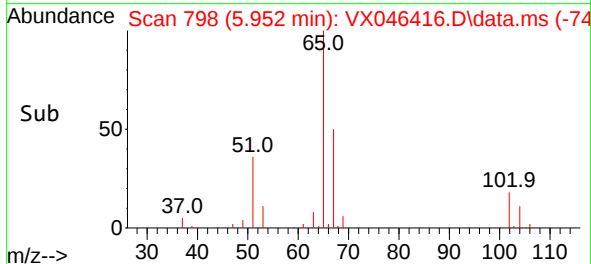
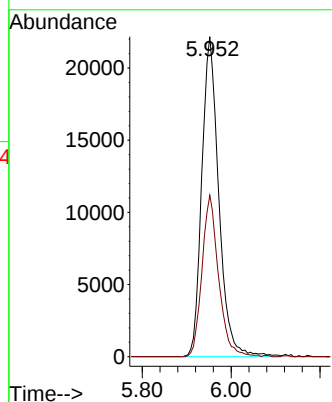
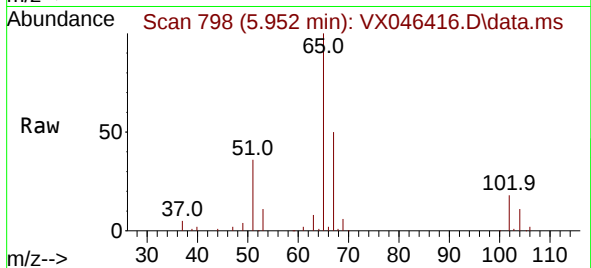




#33
 1,2-Dichloroethane-d4
 Concen: 53.298 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX046416.D
 Acq: 30 May 2025 13:05

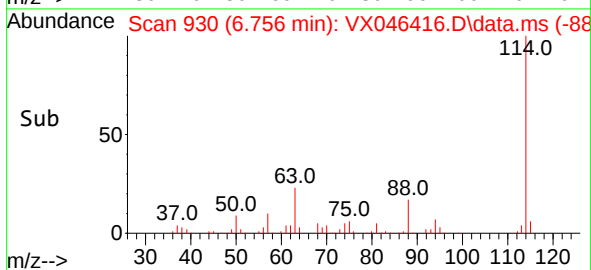
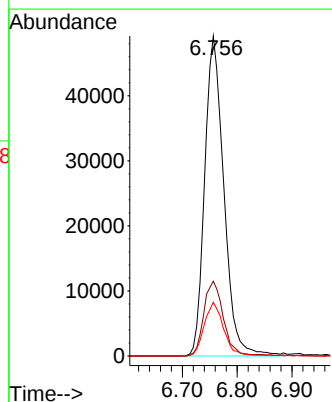
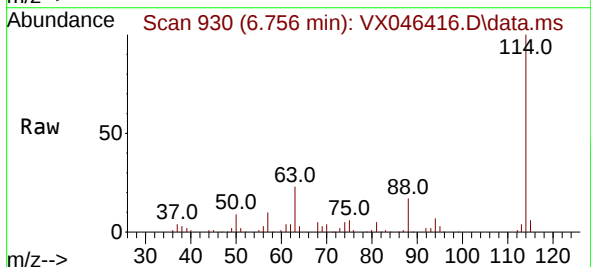
Instrument :
 MSVOA_X
 ClientSampleId :
 TP04-MHN-WC

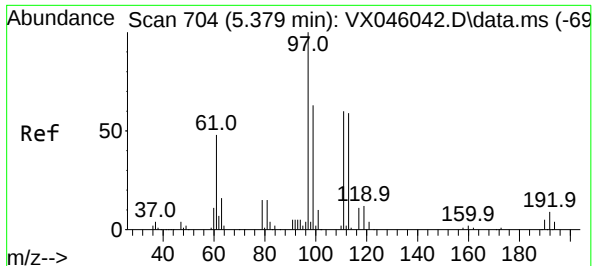
Tgt Ion: 65 Resp: 59080
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.756 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX046416.D
 Acq: 30 May 2025 13:05

Tgt Ion: 114 Resp: 119326
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 49.2
 88 16.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 49.926 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX046416.D

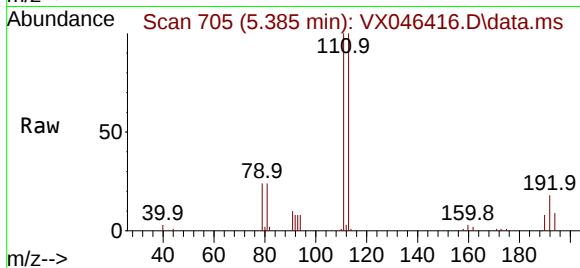
Acq: 30 May 2025 13:05

Instrument :

MSVOA_X

ClientSampleId :

TP04-MHN-WC



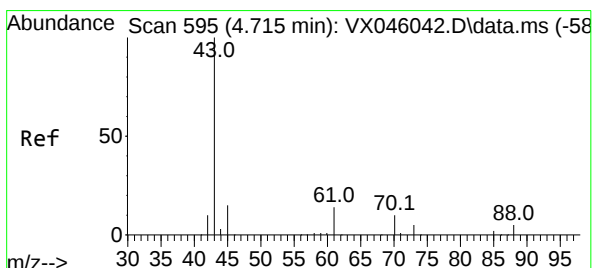
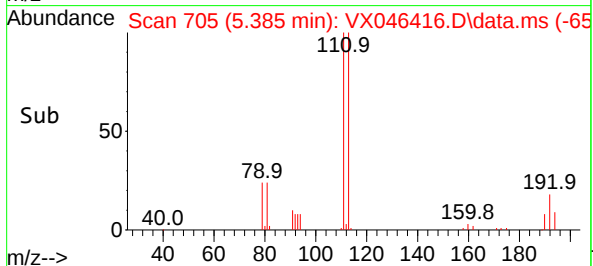
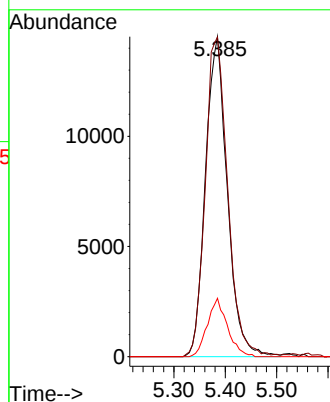
Tgt Ion:113 Resp: 42900

Ion Ratio Lower Upper

113 100

111 102.4 83.1 124.7

192 16.7 13.3 19.9



#37

Ethyl Acetate

Concen: 4.754 ug/l

RT: 4.732 min Scan# 598

Delta R.T. 0.018 min

Lab File: VX046416.D

Acq: 30 May 2025 13:05

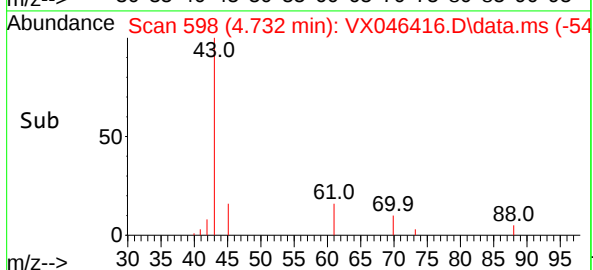
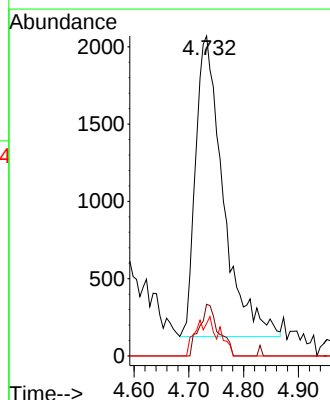
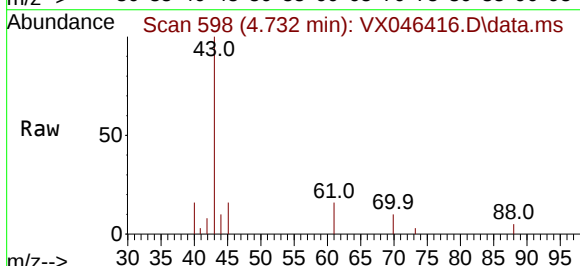
Tgt Ion: 43 Resp: 6781

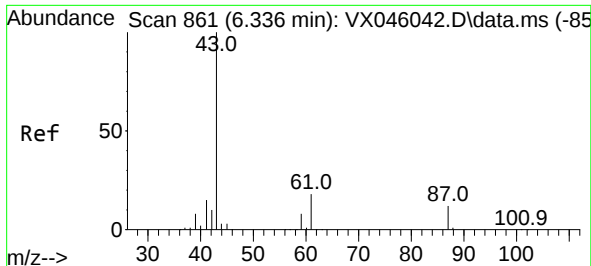
Ion Ratio Lower Upper

43 100

61 12.2 10.3 15.5

70 8.4 7.9 11.9

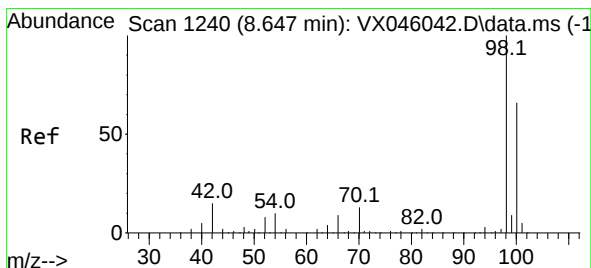
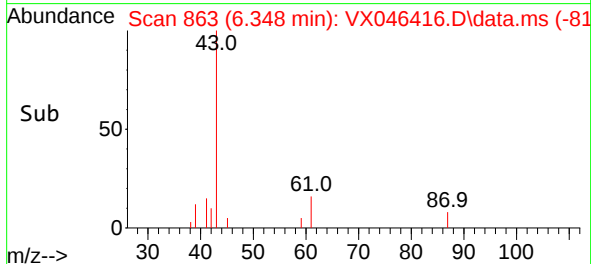
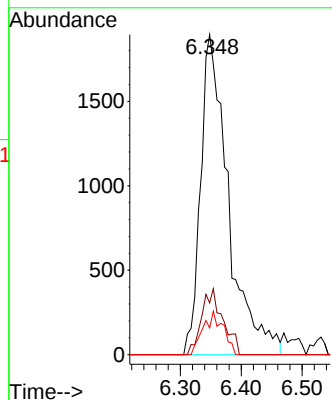
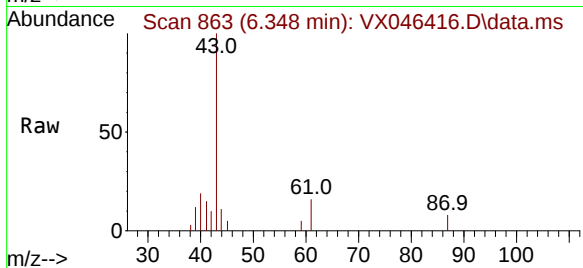




#43
Isopropyl Acetate
Concen: 2.762 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX046416.D
Acq: 30 May 2025 13:05

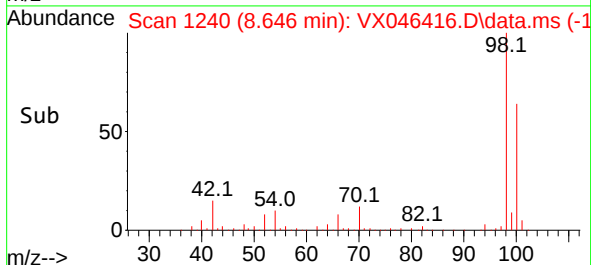
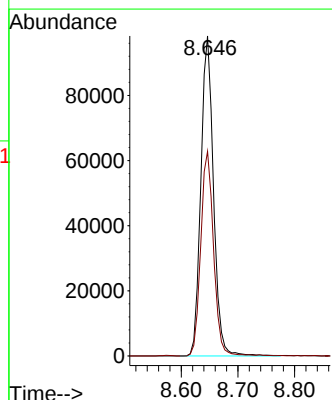
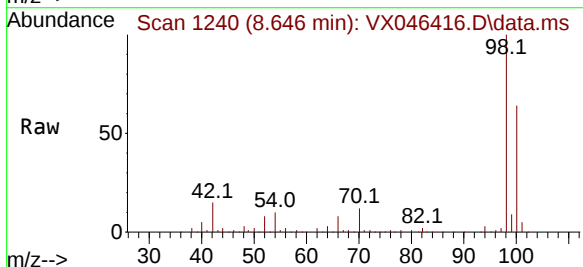
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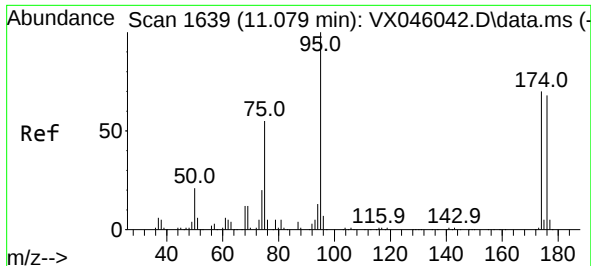
Tgt Ion: 43 Resp: 6010
Ion Ratio Lower Upper
43 100
61 15.8 14.3 21.5
87 9.7 9.5 14.3



#50
Toluene-d8
Concen: 51.208 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046416.D
Acq: 30 May 2025 13:05

Tgt Ion: 98 Resp: 152297
Ion Ratio Lower Upper
98 100
100 64.6 53.5 80.3

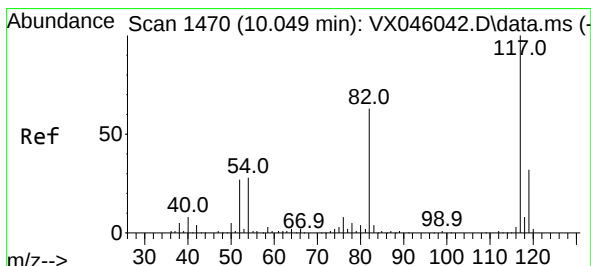
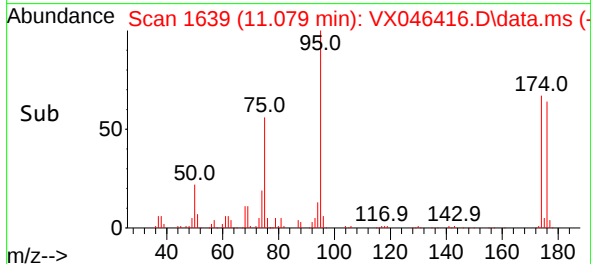
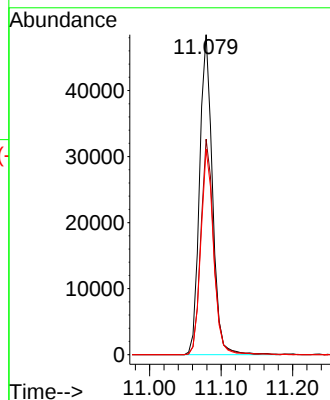
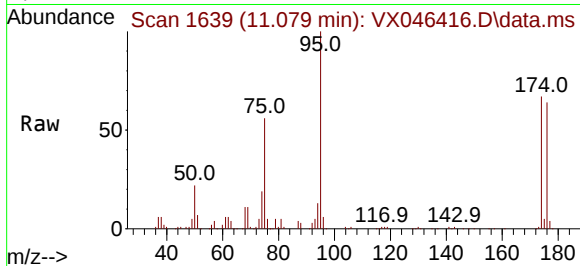




#62
4-Bromofluorobenzene
Concen: 52.900 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046416.D
Acq: 30 May 2025 13:05

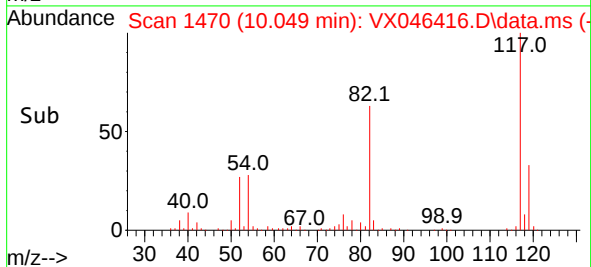
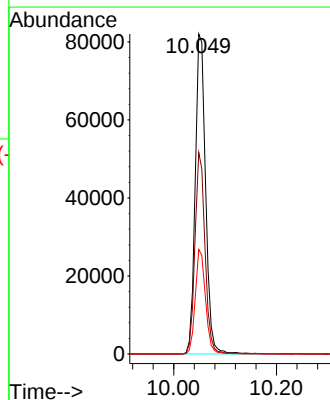
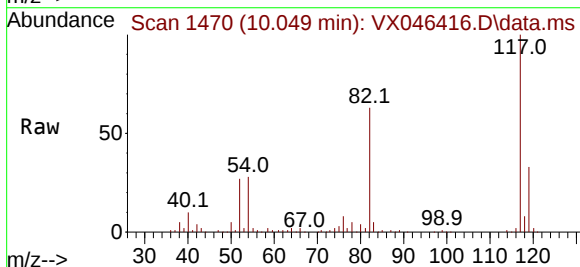
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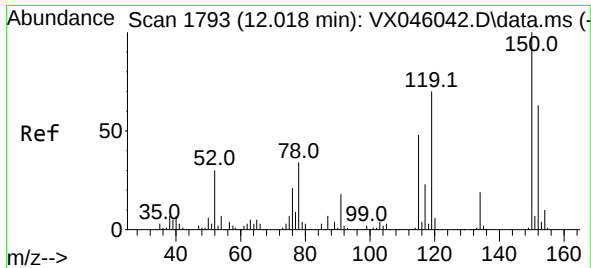
Tgt Ion: 95 Resp: 60349
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.8
176 63.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046416.D
Acq: 30 May 2025 13:05

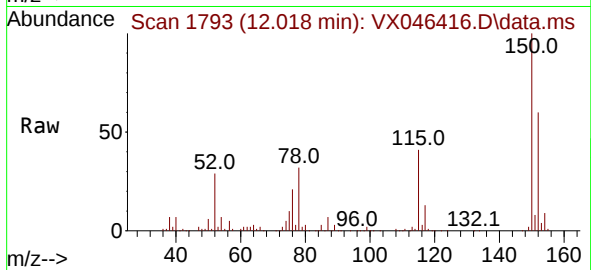
Tgt Ion: 117 Resp: 115273
Ion Ratio Lower Upper
117 100
82 62.9 50.6 76.0
119 32.7 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046416.D
 Acq: 30 May 2025 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 TP04-MHN-WC



Tgt Ion:152 Resp: 50567
 Ion Ratio Lower Upper
 152 100
 115 66.4 46.9 140.7
 150 162.8 0.0 351.0

