

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061224\
 Data File : VX041836.D
 Acq On : 12 Jun 2024 12:52
 Operator : JC/MD
 Sample : PB161443ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB161443ZHE#01

Quant Time: Jun 13 03:42:04 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)

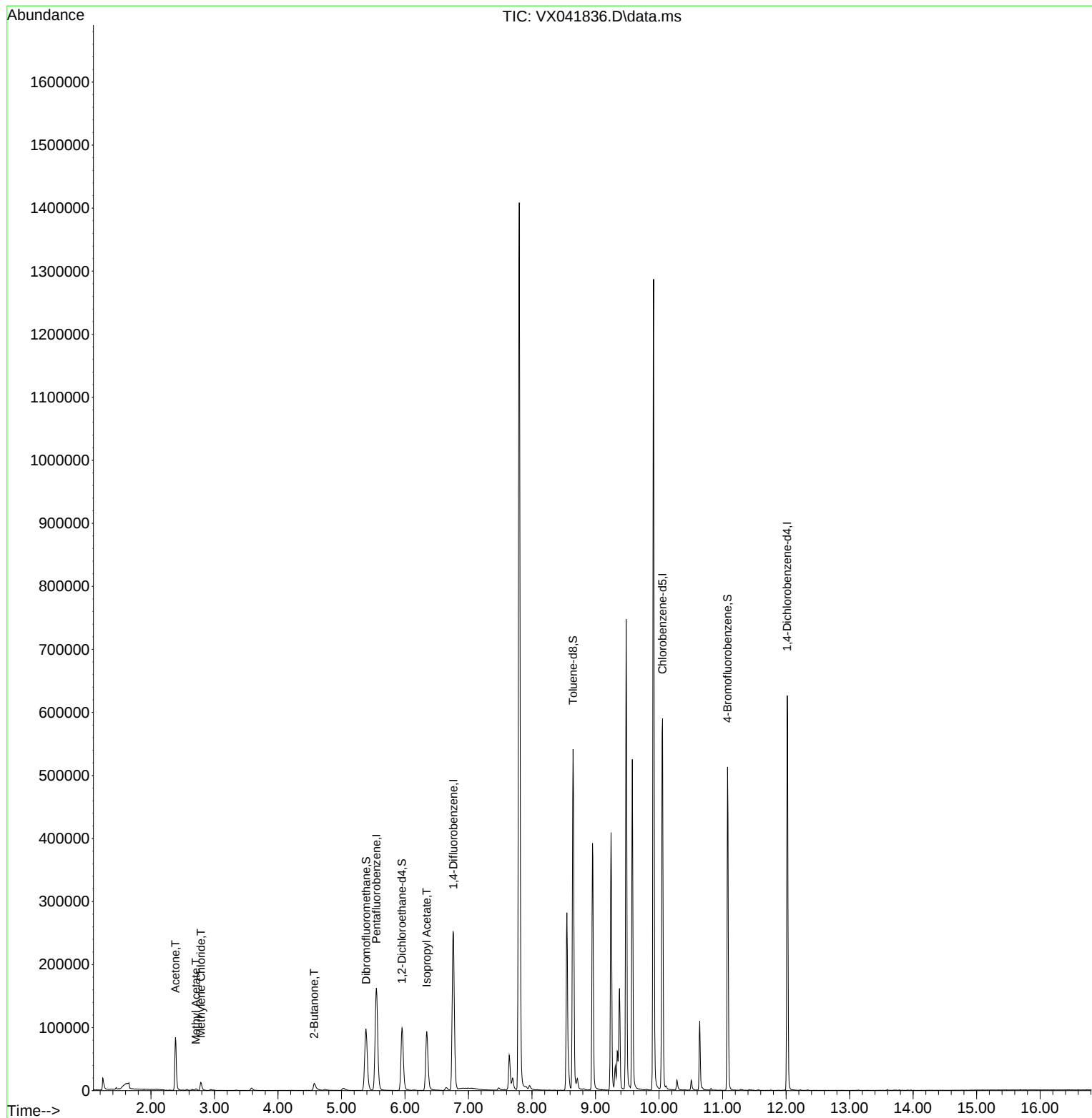
Internal Standards						
1) Pentafluorobenzene	5.550	168	177312	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	282042	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	289251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	148480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93539	43.013	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.020%
35) Dibromofluoromethane	5.385	113	87331	44.785	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.560%
50) Toluene-d8	8.647	98	337195	49.488	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.980%
62) 4-Bromofluorobenzene	11.079	95	131554	52.312	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.620%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	91867	94.454	ug/l	94
18) Methyl Acetate	2.709	43	3827	1.843	ug/l	95
20) Methylene Chloride	2.788	84	7219	3.709	ug/l	91
25) 2-Butanone	4.568	43	22727	16.815	ug/l	92
43) Isopropyl Acetate	6.342	43	130817	29.077	ug/l	96

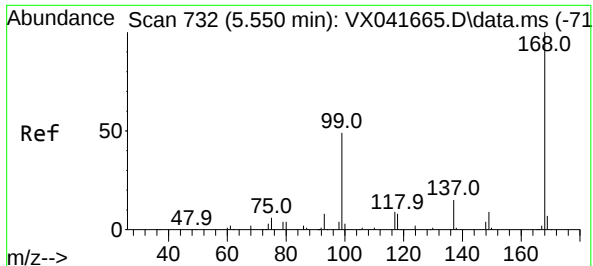
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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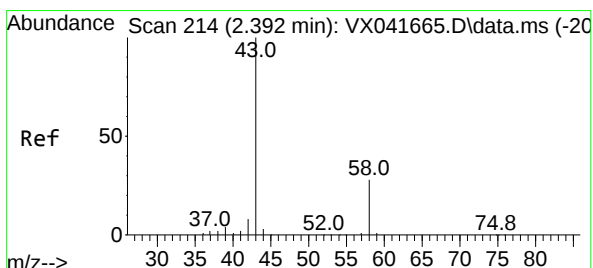
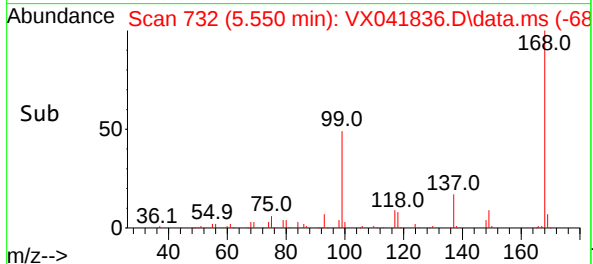
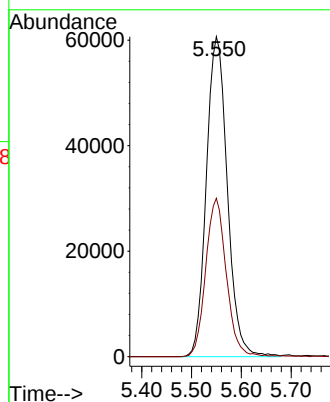
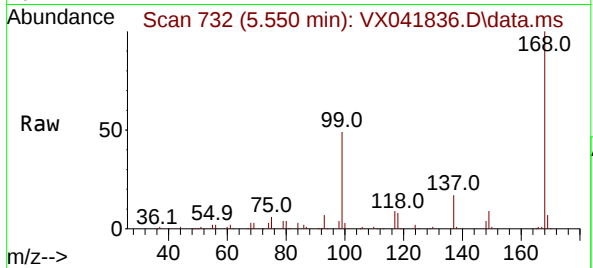




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041836.D
Acq: 12 Jun 2024 12:52

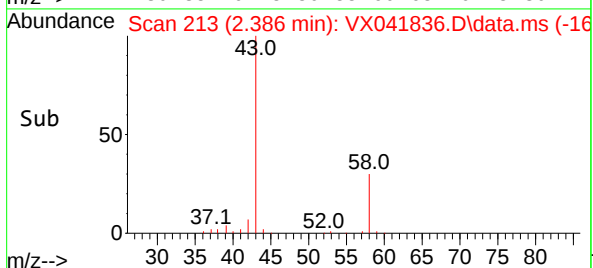
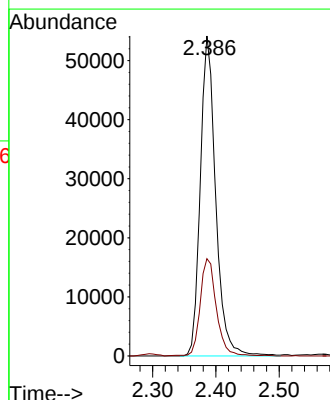
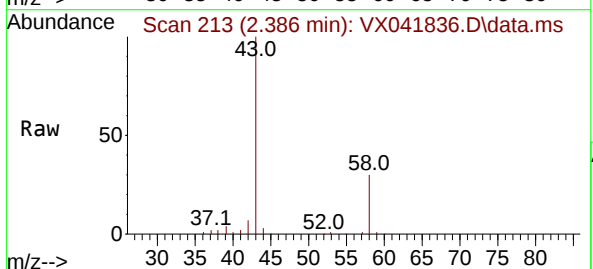
Instrument :
MSVOA_X
ClientSampleId :
PB161443ZHE#01

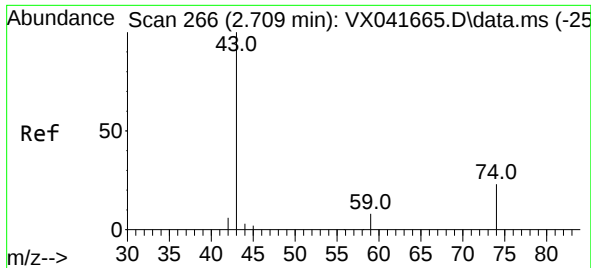
Tgt Ion:168 Resp: 177312
Ion Ratio Lower Upper
168 100
99 49.5 56.6 85.0#



#16
Acetone
Concen: 94.454 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX041836.D
Acq: 12 Jun 2024 12:52

Tgt Ion: 43 Resp: 91867
Ion Ratio Lower Upper
43 100
58 30.4 21.9 32.9

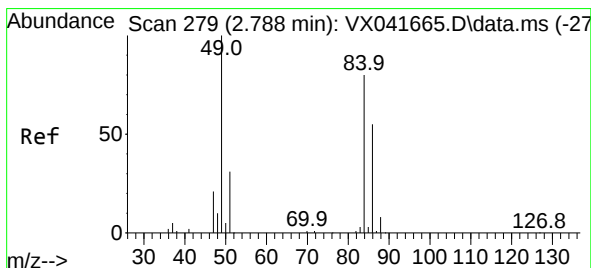
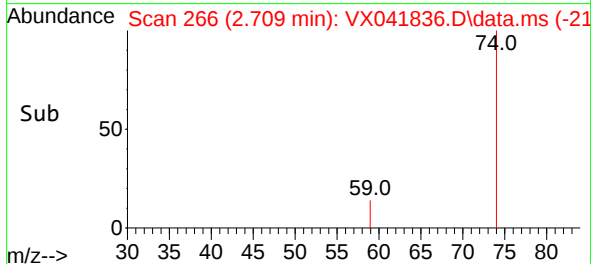
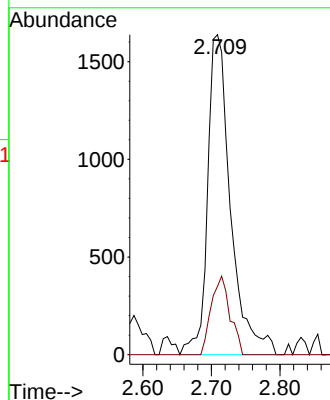
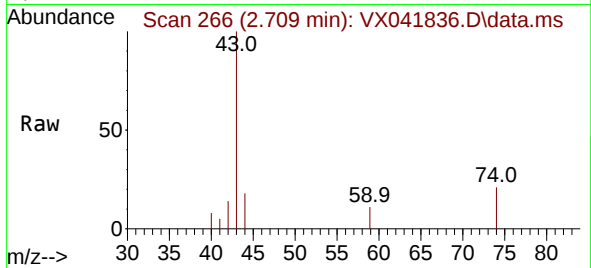




#18
Methyl Acetate
Concen: 1.843 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX041836.D
Acq: 12 Jun 2024 12:52

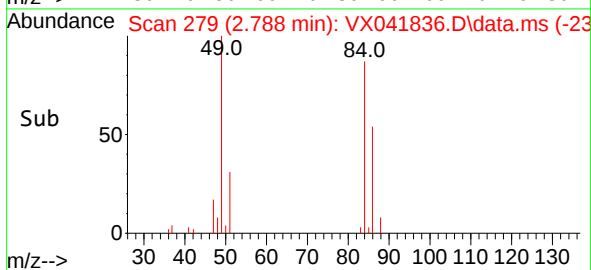
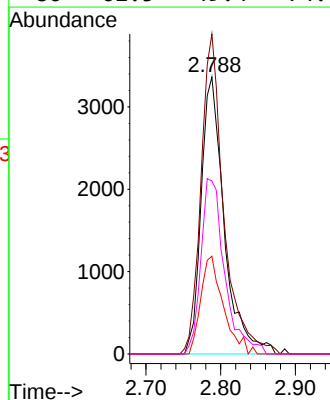
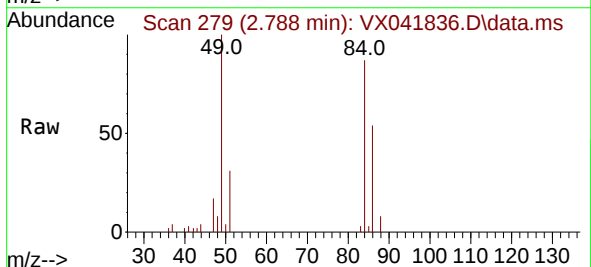
Instrument :
MSVOA_X
ClientSampleId :
PB161443ZHE#01

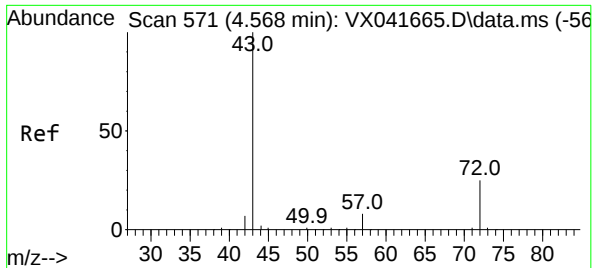
Tgt Ion: 43 Resp: 3827
Ion Ratio Lower Upper
43 100
74 20.0 17.8 26.8



#20
Methylene Chloride
Concen: 3.709 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041836.D
Acq: 12 Jun 2024 12:52

Tgt Ion: 84 Resp: 7219
Ion Ratio Lower Upper
84 100
49 115.6 103.6 155.4
51 35.3 33.8 50.6
86 62.5 49.4 74.0

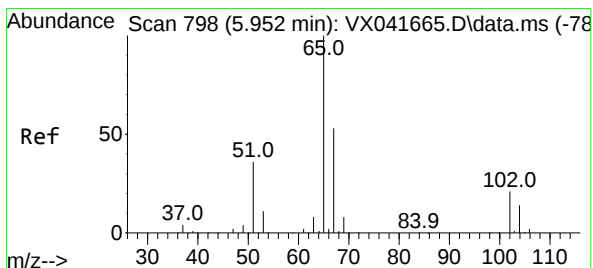
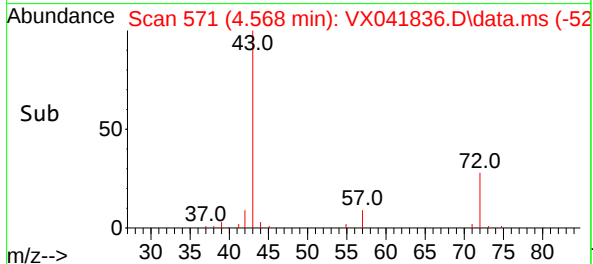
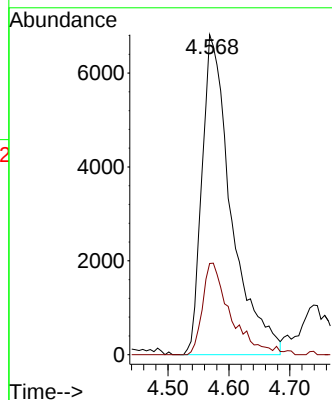
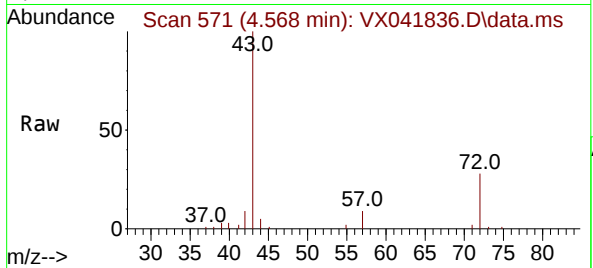




#25
2-Butanone
Concen: 16.815 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX041836.D
Acq: 12 Jun 2024 12:52

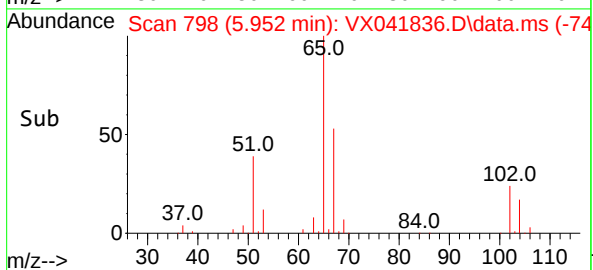
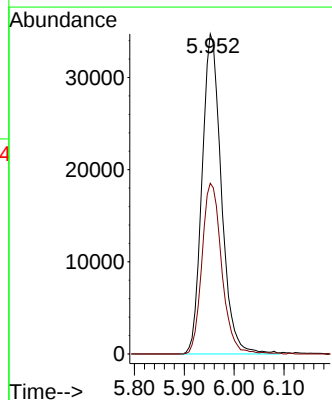
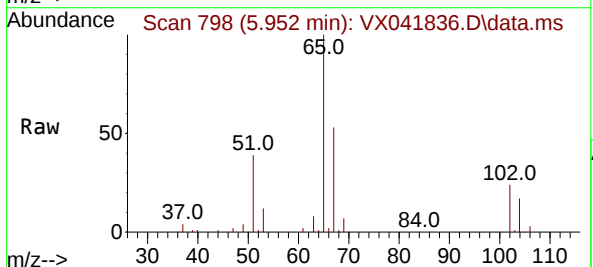
Instrument :
MSVOA_X
ClientSampleId :
PB161443ZHE#01

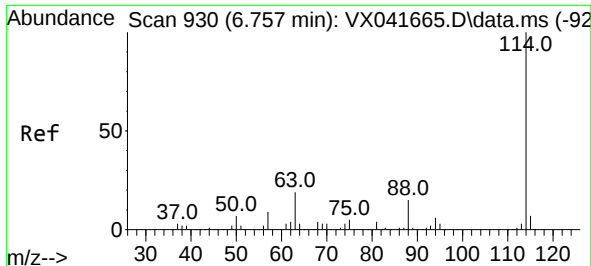
Tgt Ion: 43 Resp: 22727
Ion Ratio Lower Upper
43 100
72 28.5 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 43.013 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041836.D
Acq: 12 Jun 2024 12:52

Tgt Ion: 65 Resp: 93539
Ion Ratio Lower Upper
65 100
67 54.2 0.0 100.2

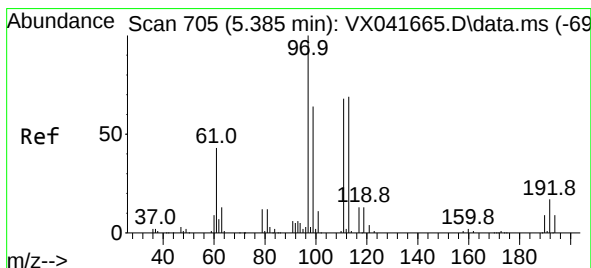
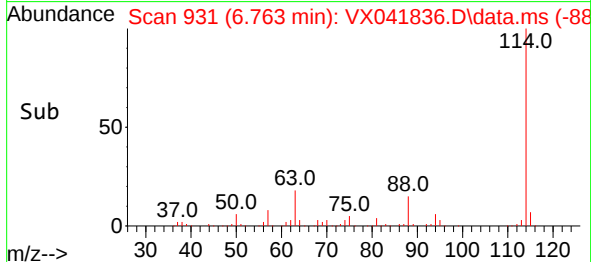
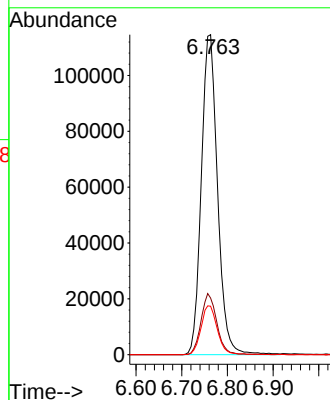
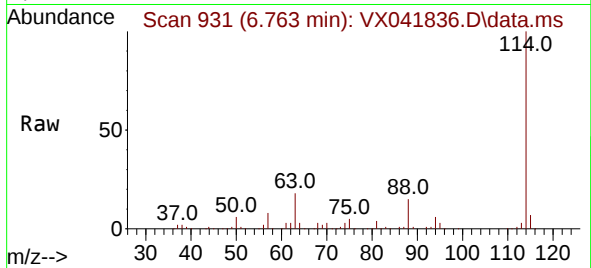




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX041836.D
Acq: 12 Jun 2024 12:52

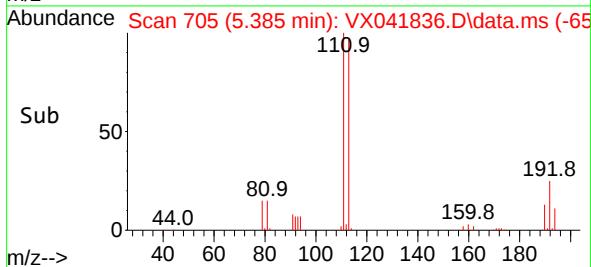
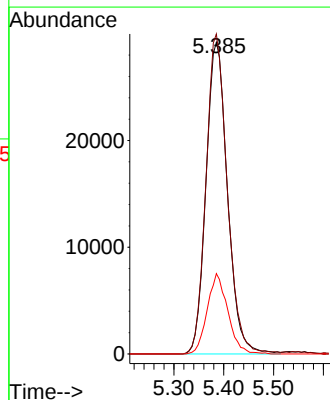
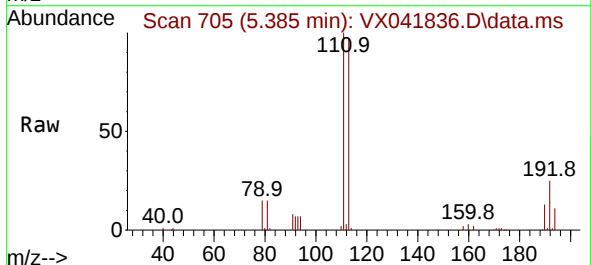
Instrument :
MSVOA_X
ClientSampleId :
PB161443ZHE#01

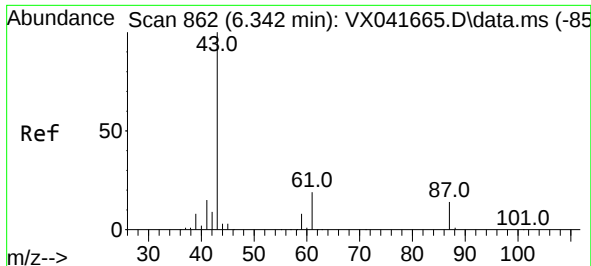
Tgt Ion:114 Resp: 282042
Ion Ratio Lower Upper
114 100
63 17.7 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.785 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041836.D
Acq: 12 Jun 2024 12:52

Tgt Ion:113 Resp: 87331
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 24.7 13.3 19.9#

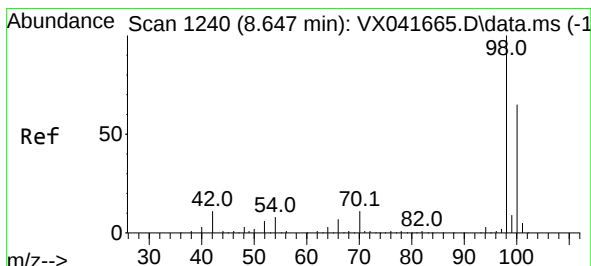
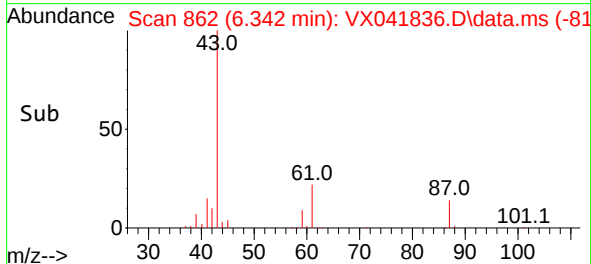
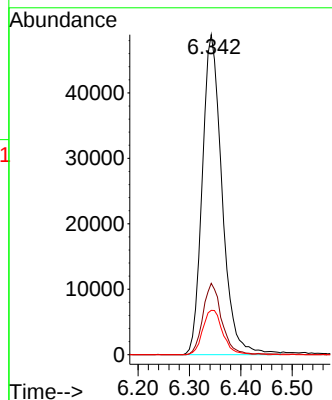
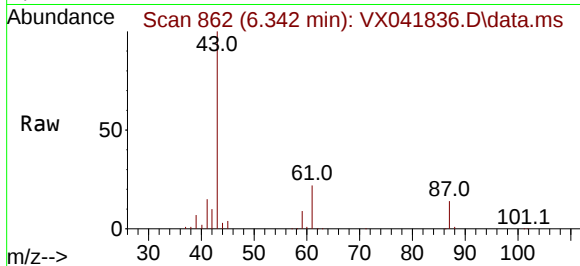




#43
Isopropyl Acetate
Concen: 29.077 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX041836.D
Acq: 12 Jun 2024 12:52

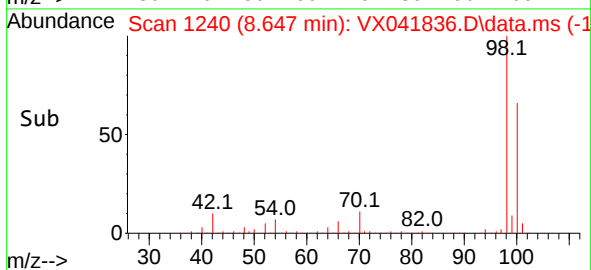
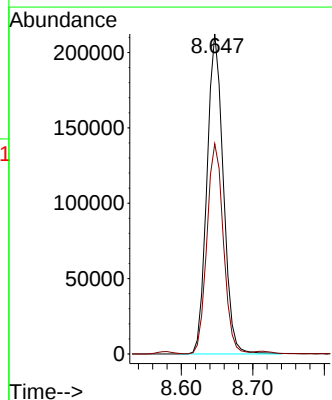
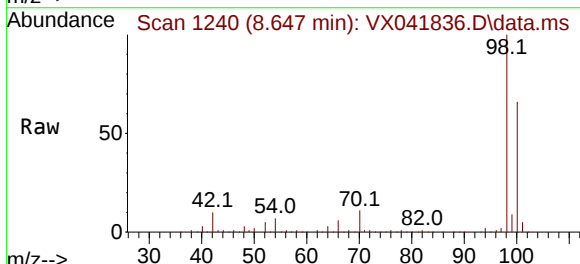
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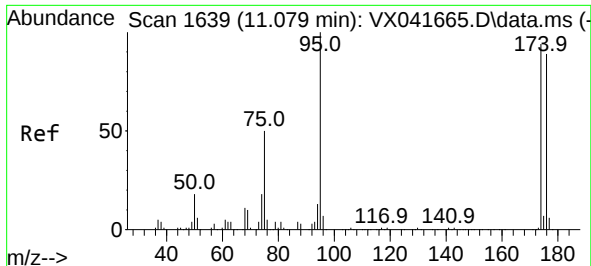
Tgt Ion: 43 Resp: 130817
Ion Ratio Lower Upper
43 100
61 21.0 15.2 22.8
87 13.9 9.8 14.6



#50
Toluene-d8
Concen: 49.488 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041836.D
Acq: 12 Jun 2024 12:52

Tgt Ion: 98 Resp: 337195
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7

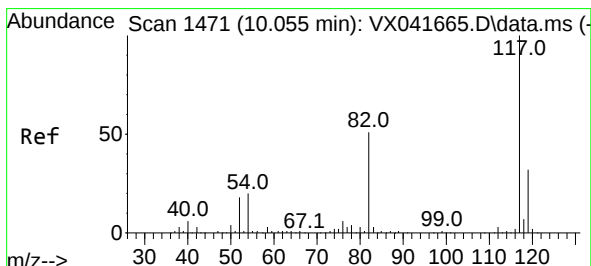
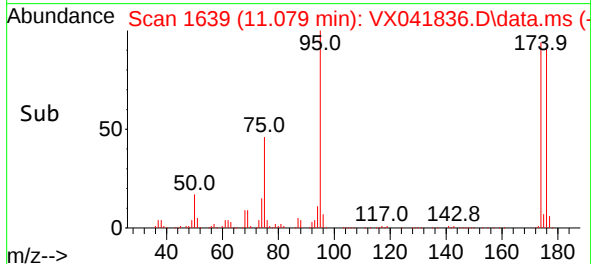
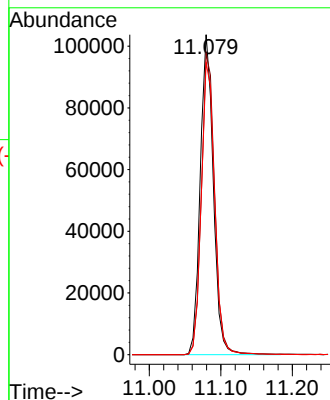
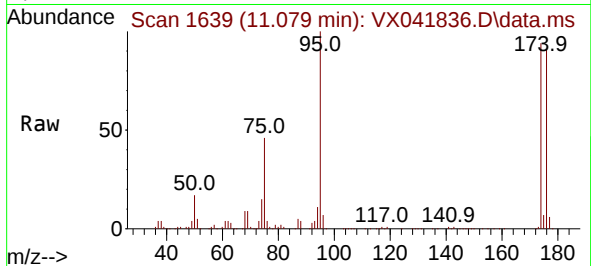




#62
4-Bromofluorobenzene
Concen: 52.312 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041836.D
Acq: 12 Jun 2024 12:52

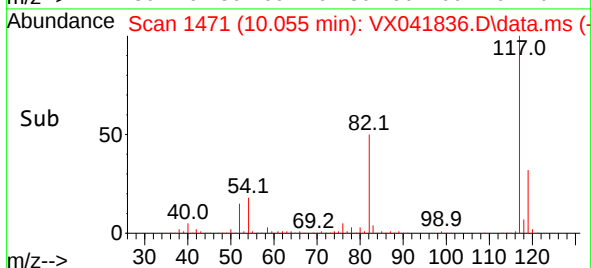
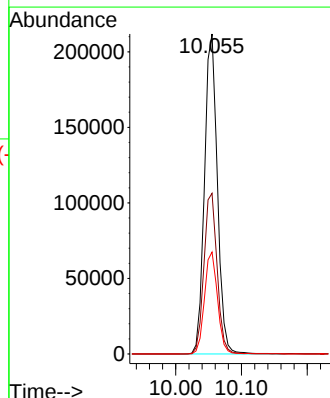
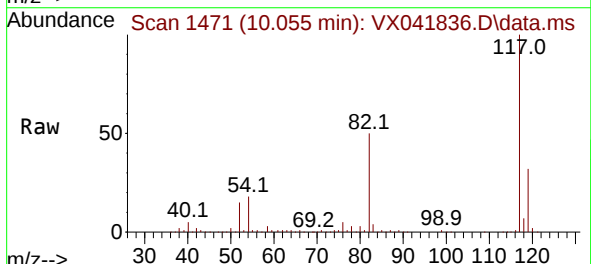
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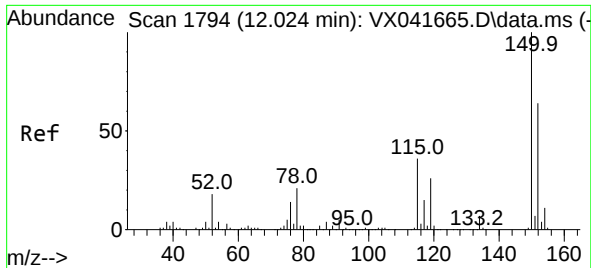
Tgt Ion: 95 Resp: 131554
Ion Ratio Lower Upper
95 100
174 96.1 0.0 135.6
176 93.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041836.D
Acq: 12 Jun 2024 12:52

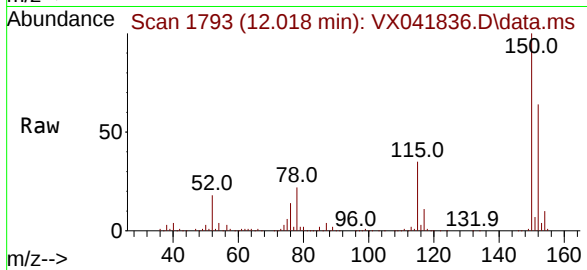
Tgt Ion: 117 Resp: 289251
Ion Ratio Lower Upper
117 100
82 50.2 46.2 69.4
119 31.8 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX041836.D
 Acq: 12 Jun 2024 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 PB161443ZHE#01



Tgt Ion:152 Resp: 148480
 Ion Ratio Lower Upper
 152 100
 115 52.6 43.3 129.9
 150 155.5 0.0 345.0

