

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071023\
 Data File : VX036484.D
 Acq On : 10 Jul 2023 15:44
 Operator : JC/MD
 Sample : PB154051ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB154051ZHE#06

Quant Time: Jul 11 01:30:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

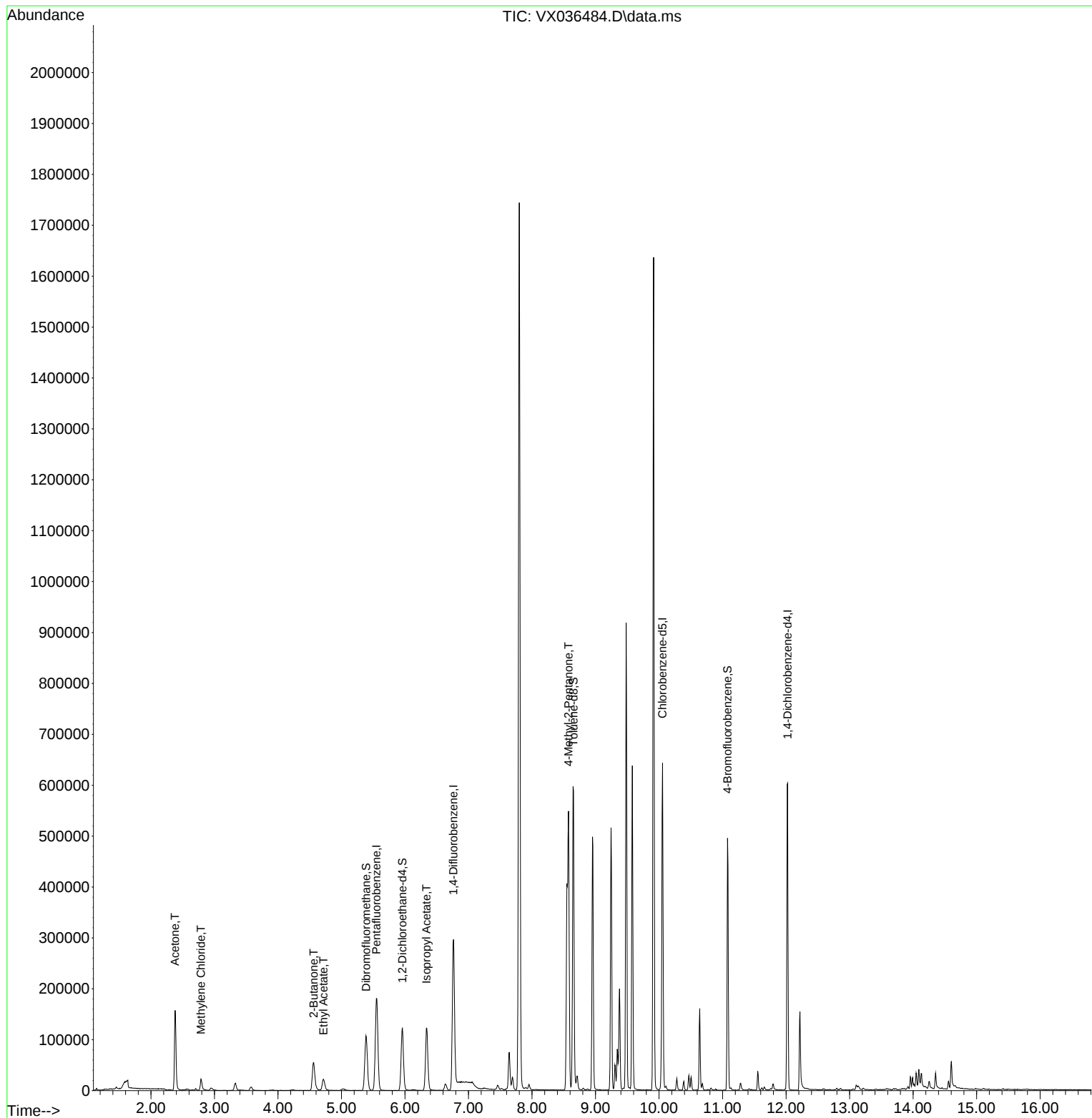
Internal Standards						
1) Pentafluorobenzene	5.549	168	171001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	299583	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	274569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	115113	46.962	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.920%
35) Dibromofluoromethane	5.385	113	93124	47.143	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.280%
50) Toluene-d8	8.652	98	361692	49.023	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.040%
62) 4-Bromofluorobenzene	11.079	95	131563	50.625	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.240%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	172006	164.174	ug/l	95
20) Methylene Chloride	2.788	84	10965	4.861	ug/l	93
25) 2-Butanone	4.562	43	97875	65.018	ug/l	97
37) Ethyl Acetate	4.714	43	40260	13.415	ug/l	99
43) Isopropyl Acetate	6.336	43	168902	35.279	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	424608	137.660	ug/l #	87

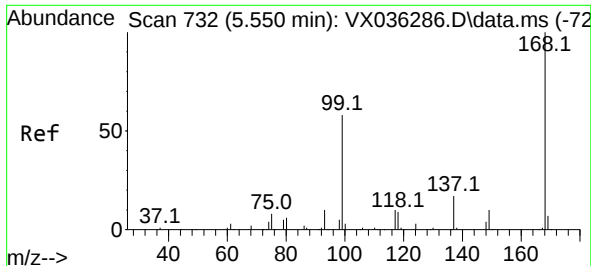
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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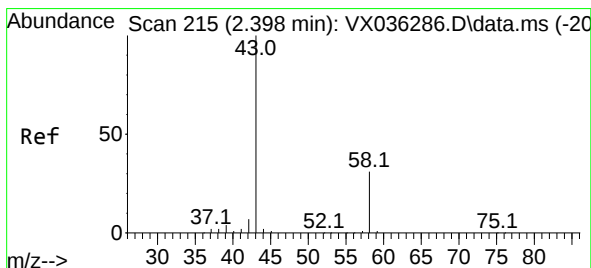
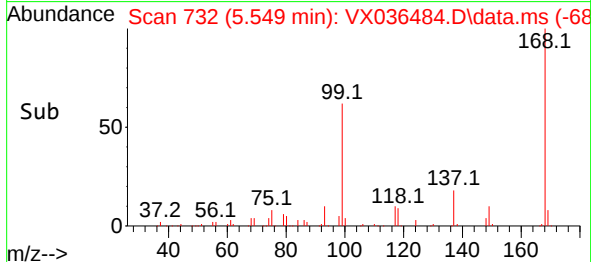
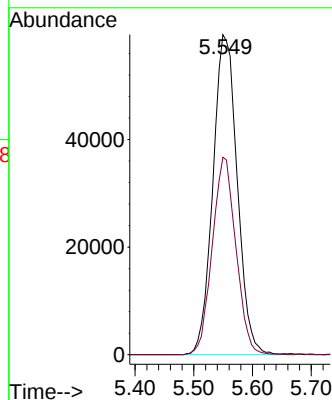
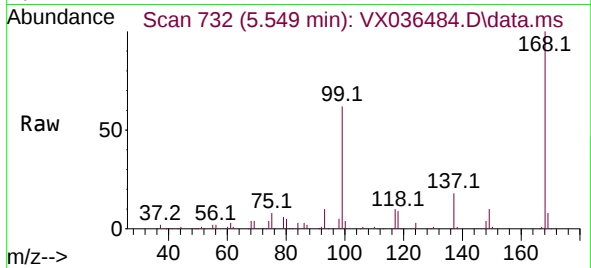




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX036484.D
Acq: 10 Jul 2023 15:44

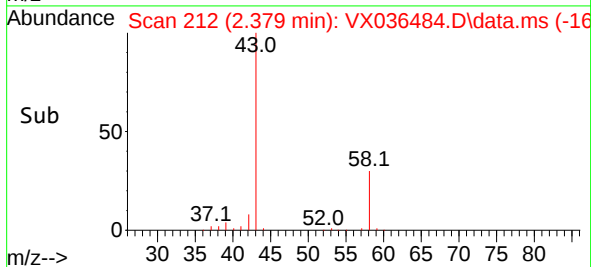
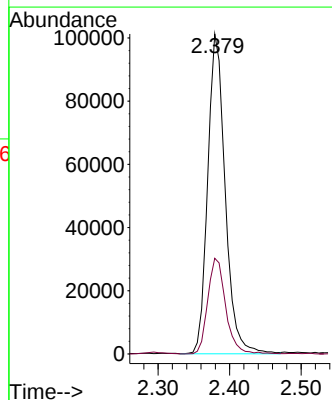
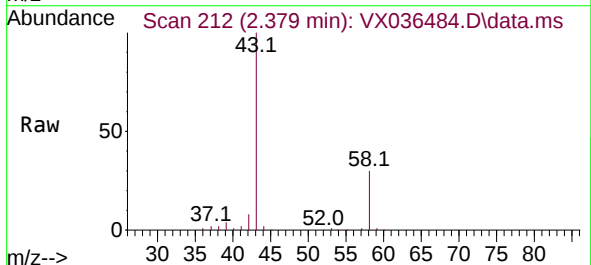
Instrument :
MSVOA_X
ClientSampleId :
PB154051ZHE#06

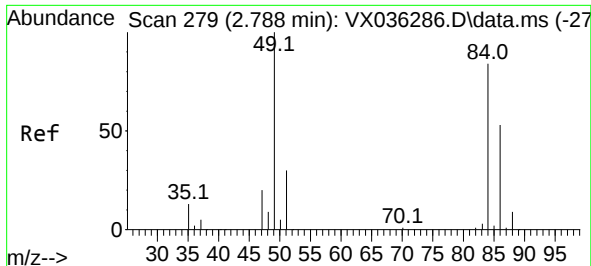
Tgt Ion:168 Resp: 171001
Ion Ratio Lower Upper
168 100
99 61.7 56.6 85.0



#16
Acetone
Concen: 164.174 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.025 min
Lab File: VX036484.D
Acq: 10 Jul 2023 15:44

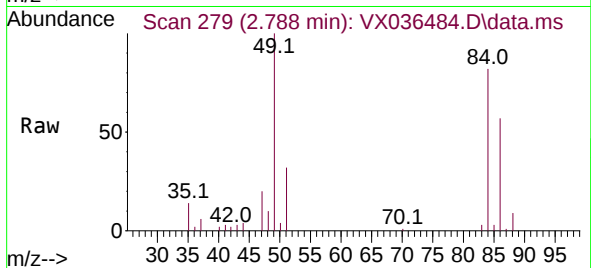
Tgt Ion: 43 Resp: 172006
Ion Ratio Lower Upper
43 100
58 29.8 21.9 32.9



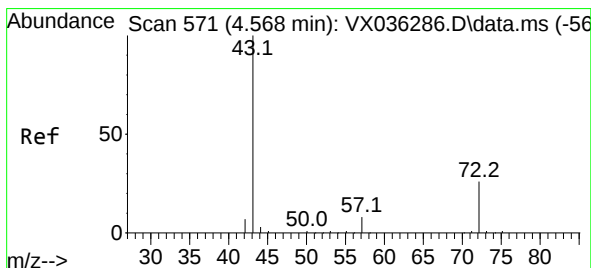
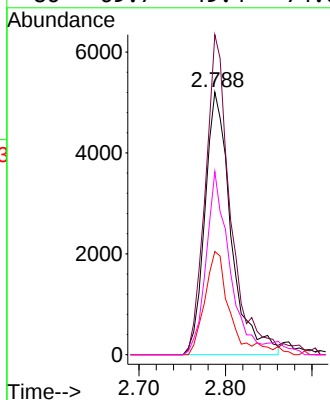
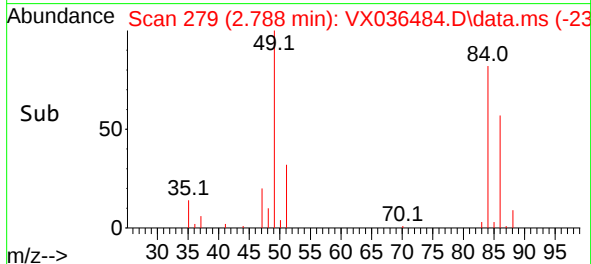


#20
Methylene Chloride
Concen: 4.861 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX036484.D
Acq: 10 Jul 2023 15:44

Instrument :
MSVOA_X
ClientSampleId :
PB154051ZHE#06

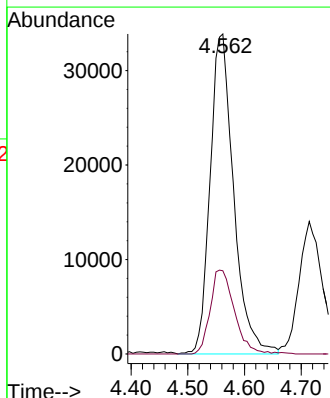
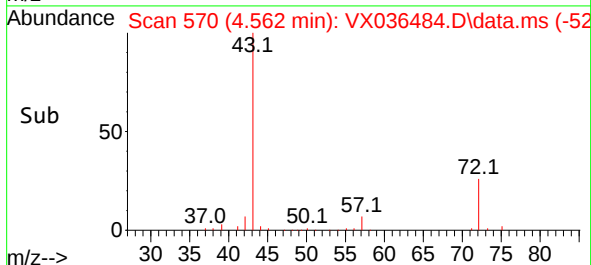
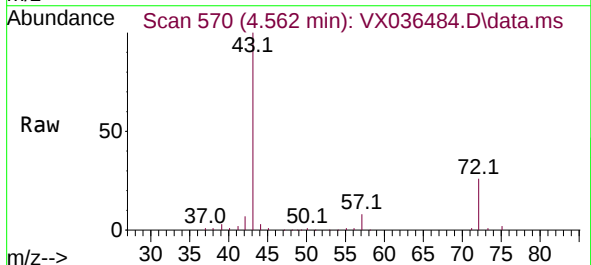


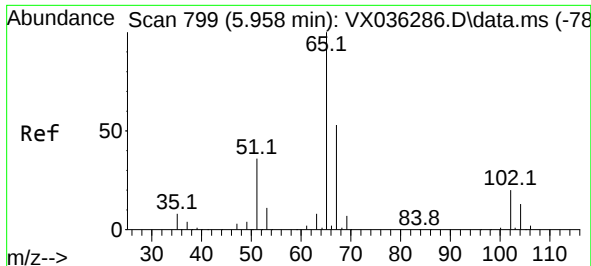
Tgt Ion: 84	Resp: 10965
Ion Ratio	Lower Upper
84 100	
49 121.9	103.6 155.4
51 39.3	33.8 50.6
86 69.7	49.4 74.0



#25
2-Butanone
Concen: 65.018 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX036484.D
Acq: 10 Jul 2023 15:44

Tgt Ion: 43	Resp: 97875
Ion Ratio	Lower Upper
43 100	
72 26.0	19.4 29.2

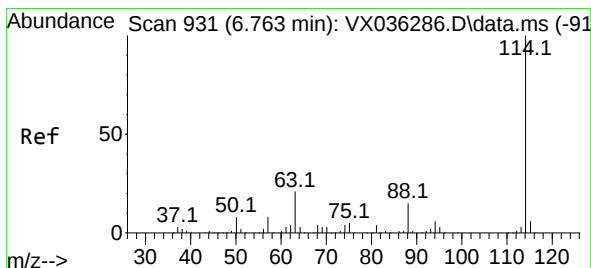
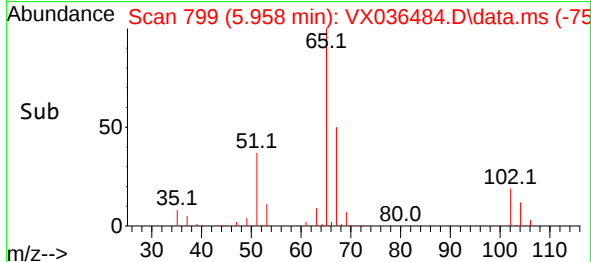
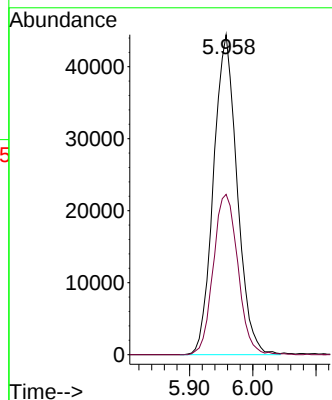
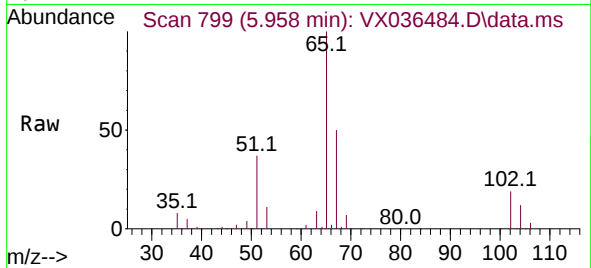




#33
1,2-Dichloroethane-d4
Concen: 46.962 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX036484.D
Acq: 10 Jul 2023 15:44

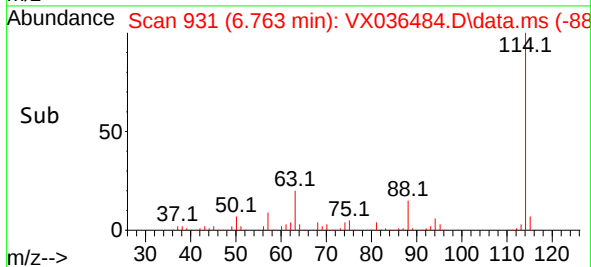
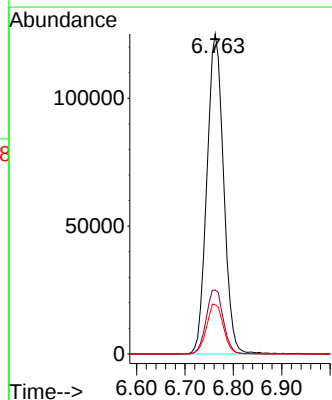
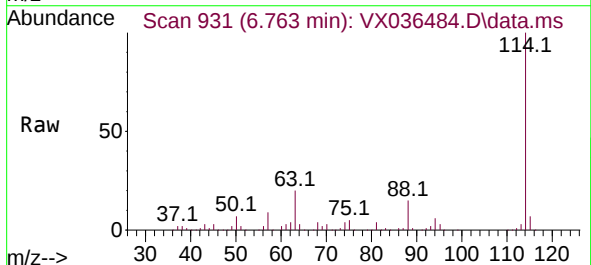
Instrument :
MSVOA_X
ClientSampleId :
PB154051ZHE#06

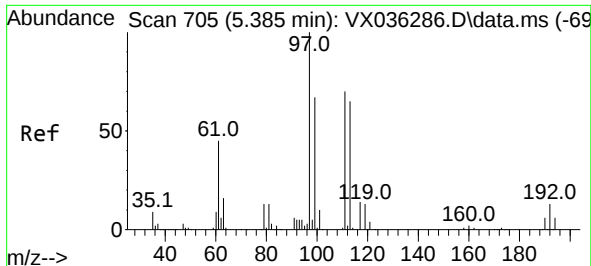
Tgt Ion: 65 Resp: 115113
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX036484.D
Acq: 10 Jul 2023 15:44

Tgt Ion: 114 Resp: 299583
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 15.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.143 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX036484.D

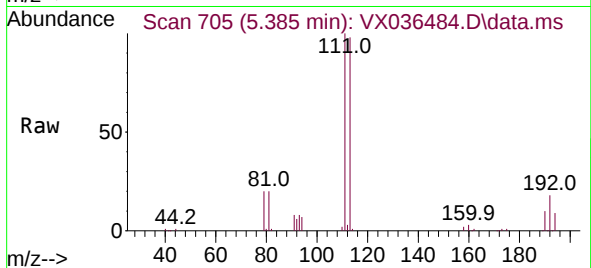
Acq: 10 Jul 2023 15:44

Instrument :

MSVOA_X

ClientSampleId :

PB154051ZHE#06



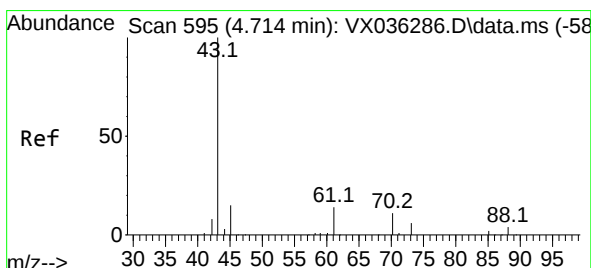
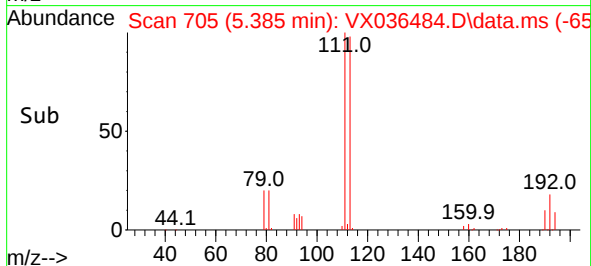
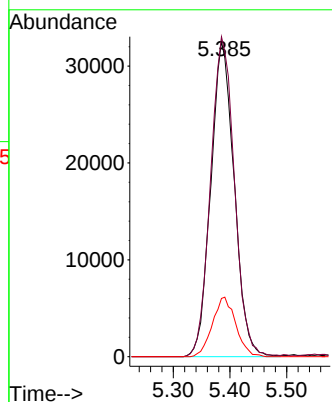
Tgt Ion:113 Resp: 93124

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

192 18.9 13.3 19.9



#37

Ethyl Acetate

Concen: 13.415 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX036484.D

Acq: 10 Jul 2023 15:44

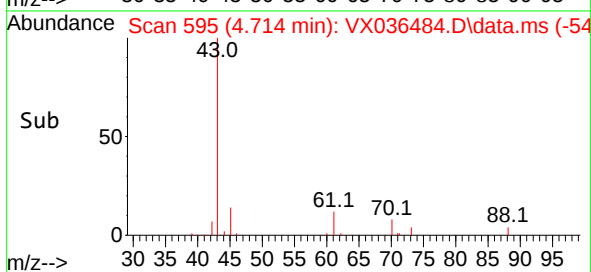
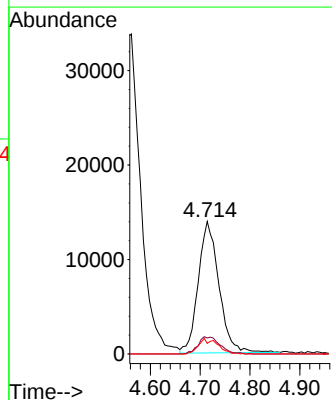
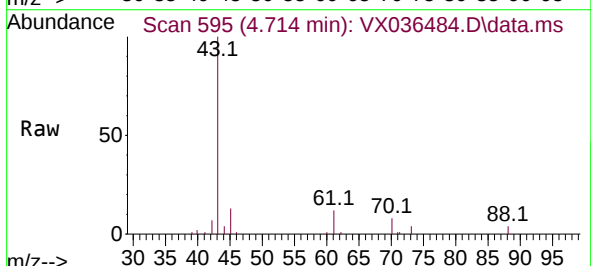
Tgt Ion: 43 Resp: 40260

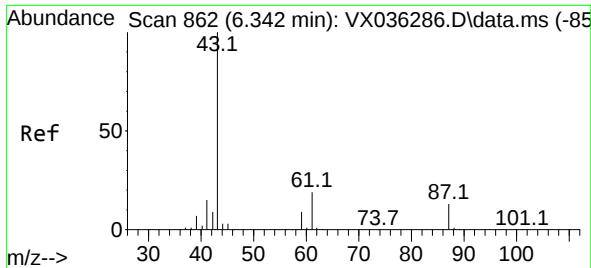
Ion Ratio Lower Upper

43 100

61 13.7 10.6 16.0

70 10.8 8.3 12.5

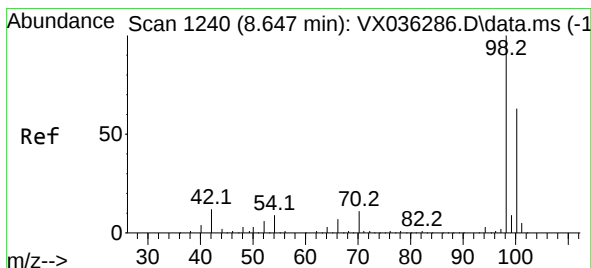
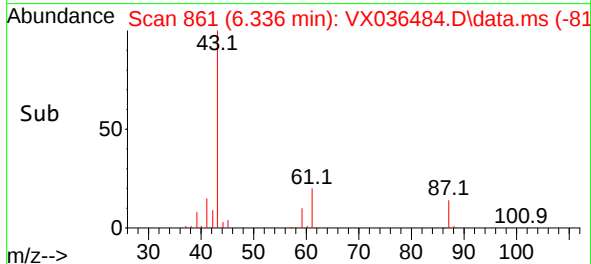
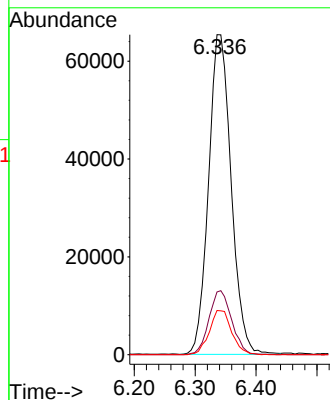
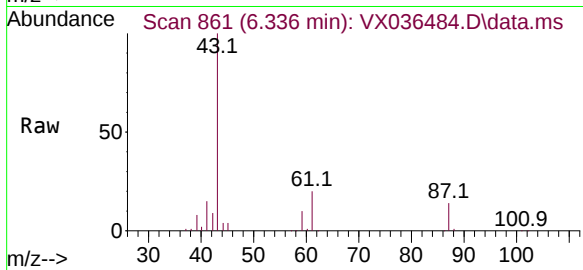




#43
Isopropyl Acetate
Concen: 35.279 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX036484.D
Acq: 10 Jul 2023 15:44

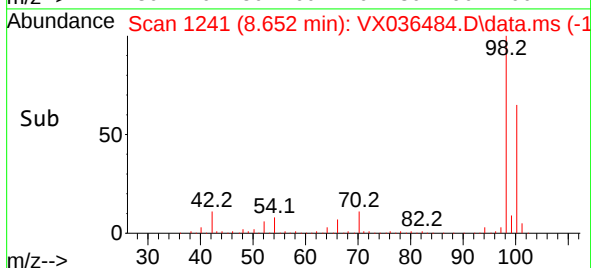
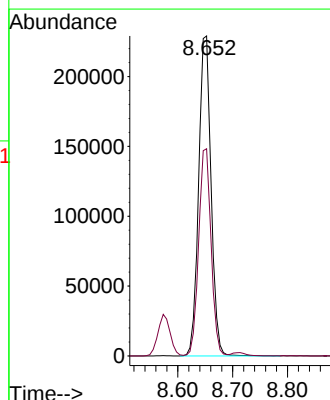
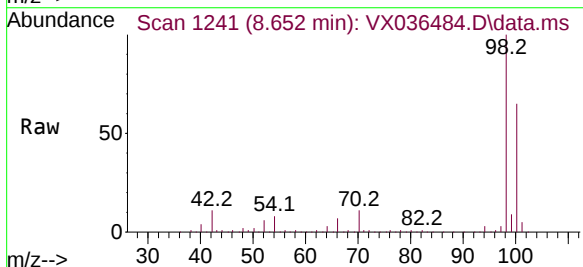
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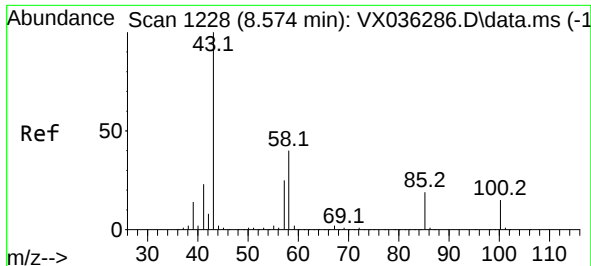
Tgt Ion: 43 Resp: 168902
Ion Ratio Lower Upper
43 100
61 20.1 15.2 22.8
87 13.6 9.8 14.6



#50
Toluene-d8
Concen: 49.023 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX036484.D
Acq: 10 Jul 2023 15:44

Tgt Ion: 98 Resp: 361692
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7

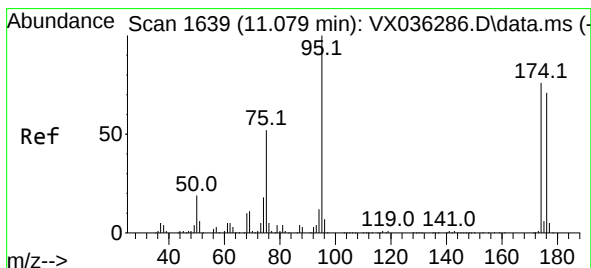
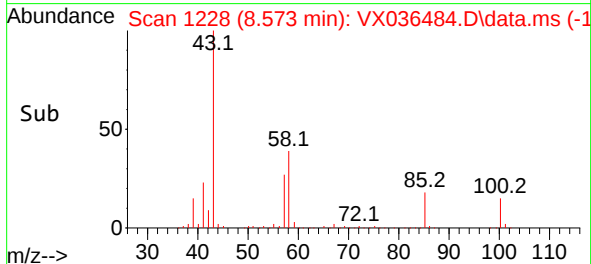
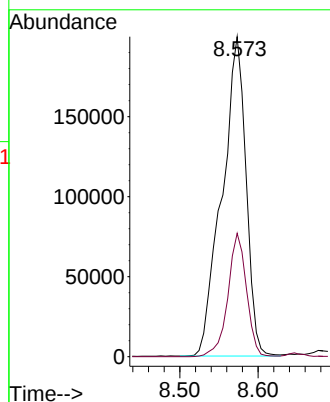
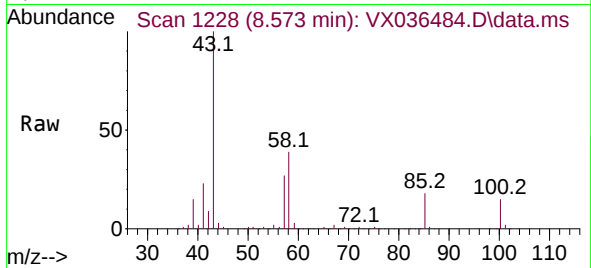




#51
4-Methyl-2-Pentanone
Concen: 137.660 ug/l
RT: 8.573 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036484.D
Acq: 10 Jul 2023 15:44

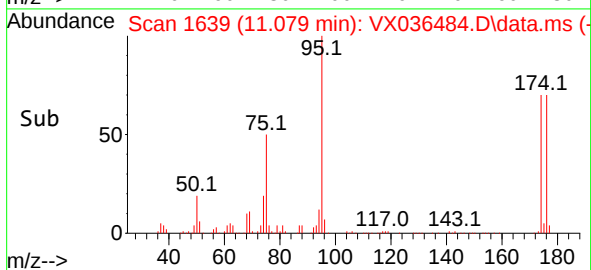
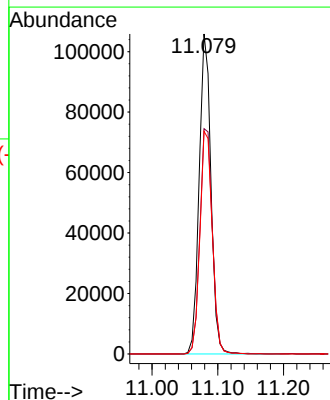
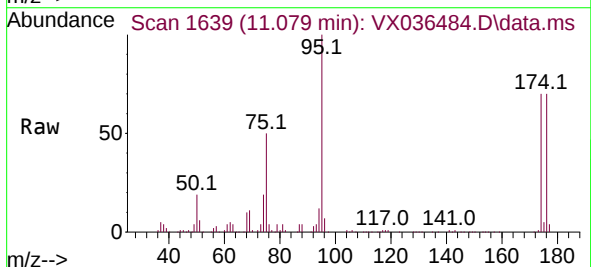
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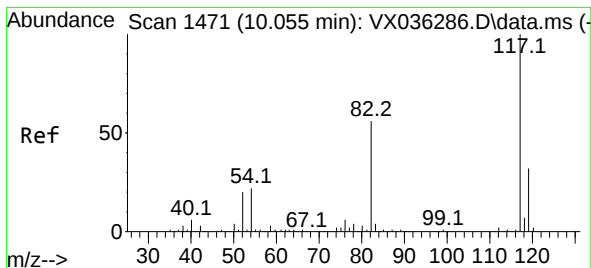
Tgt Ion: 43 Resp: 424608
Ion Ratio Lower Upper
43 100
58 30.0 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.625 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036484.D
Acq: 10 Jul 2023 15:44

Tgt Ion: 95 Resp: 131563
Ion Ratio Lower Upper
95 100
174 74.6 0.0 135.6
176 73.2 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: VX036484.D

Acq: 10 Jul 2023 15:44

Instrument :

MSVOA_X

ClientSampleId :

PB154051ZHE#06

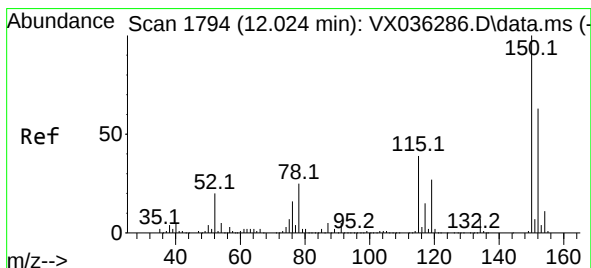
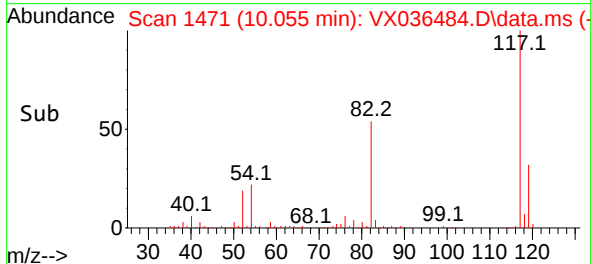
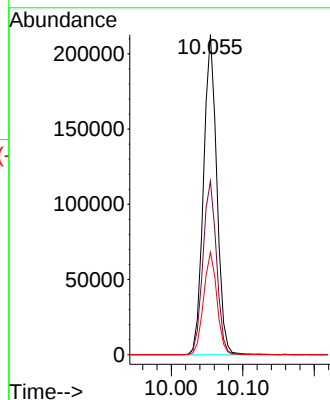
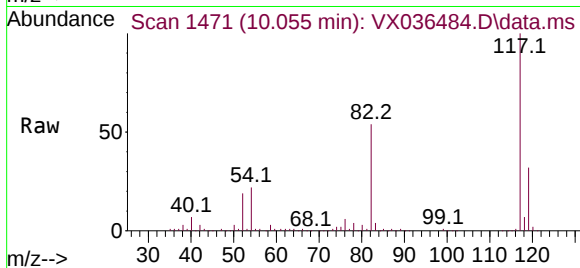
Tgt Ion:117 Resp: 274569

Ion Ratio Lower Upper

117 100

82 54.3 46.2 69.4

119 32.0 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: VX036484.D

Acq: 10 Jul 2023 15:44

Tgt Ion:152 Resp: 125112

Ion Ratio Lower Upper

152 100

115 60.5 43.3 129.9

150 158.5 0.0 345.0

