

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070523\
 Data File : VX036402.D
 Acq On : 05 Jul 2023 14:32
 Operator : JC/MD
 Sample : PB153983ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB153983ZHE#03

Quant Time: Jul 06 04:51:25 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)

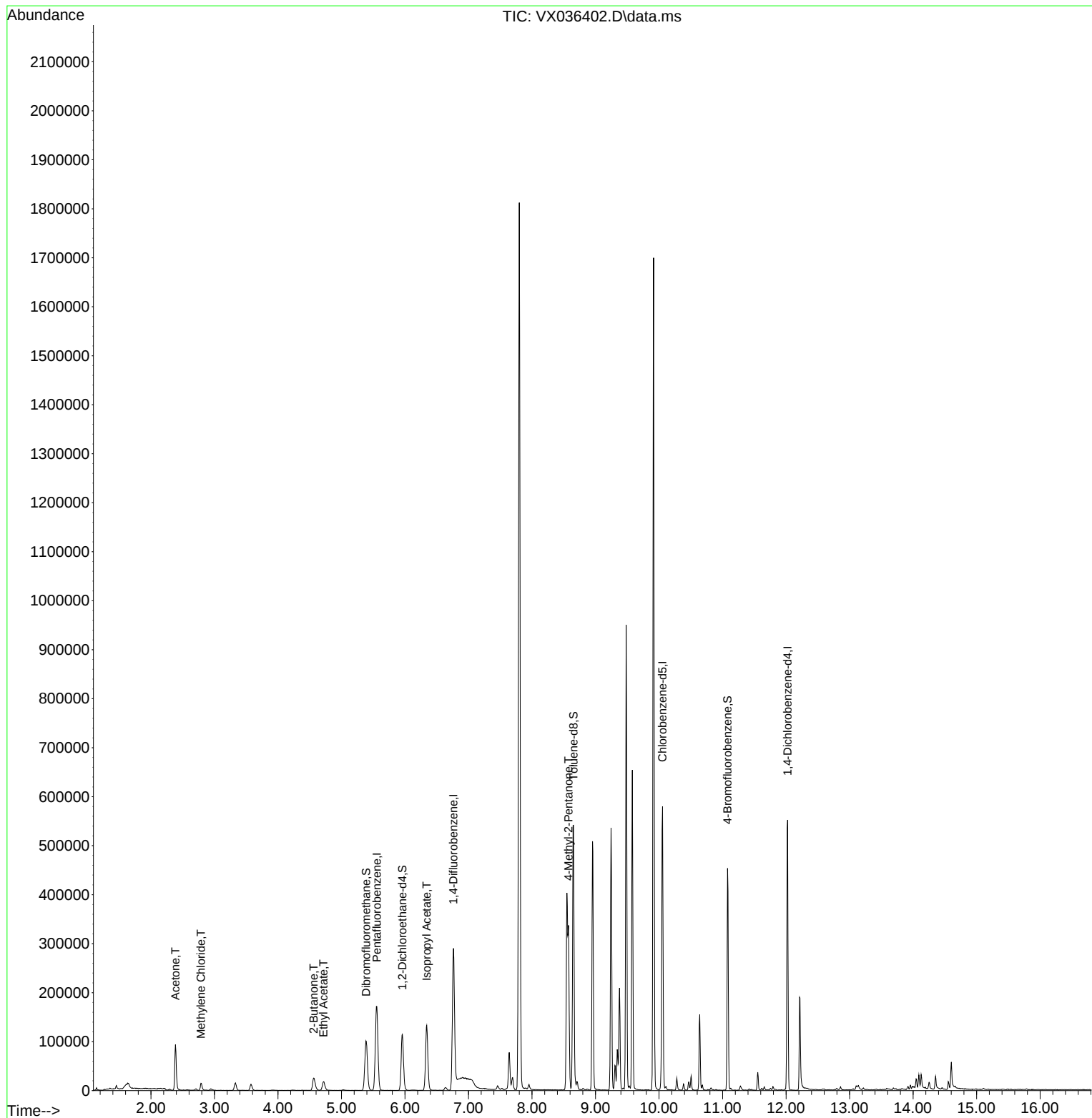
Internal Standards						
1) Pentafluorobenzene	5.556	168	166547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	279850	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	252988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	109403	45.826	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.660%
35) Dibromofluoromethane	5.385	113	89732	48.629	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.260%
50) Toluene-d8	8.653	98	339033	49.192	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.380%
62) 4-Bromofluorobenzene	11.079	95	119306	49.146	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.300%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	103199	101.134	ug/l	92
20) Methylene Chloride	2.788	84	7582	3.451	ug/l #	97
25) 2-Butanone	4.562	43	45553	31.070	ug/l	91
37) Ethyl Acetate	4.714	43	32489	11.589	ug/l	98
43) Isopropyl Acetate	6.342	43	182095	40.717	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	304032	105.519	ug/l #	80

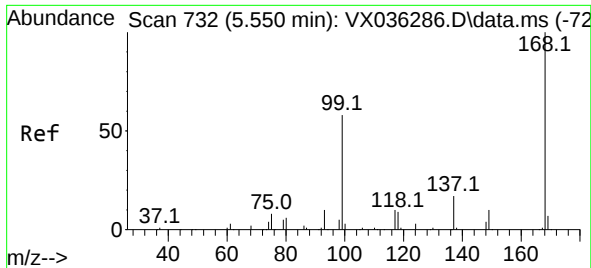
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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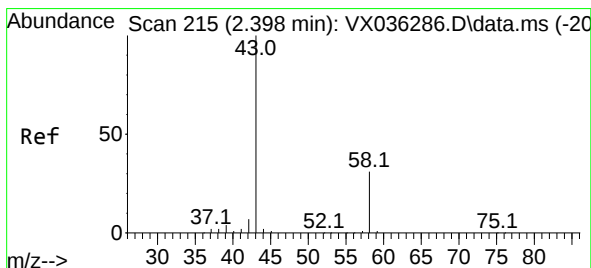
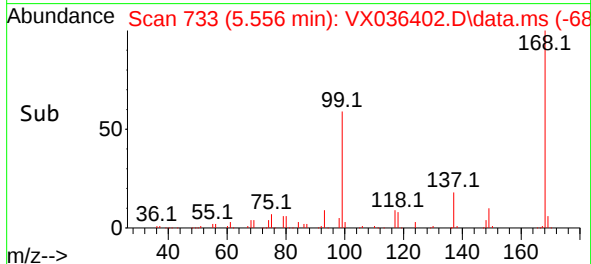
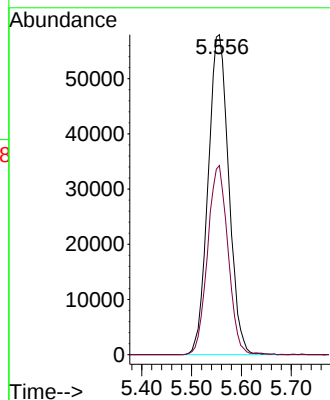
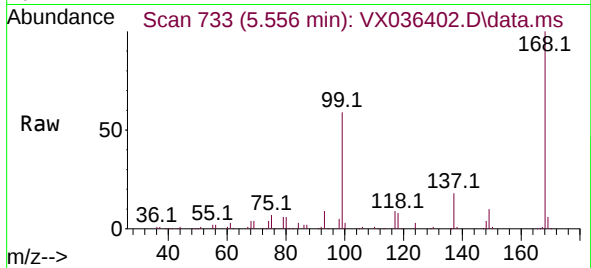




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036402.D
Acq: 05 Jul 2023 14:32

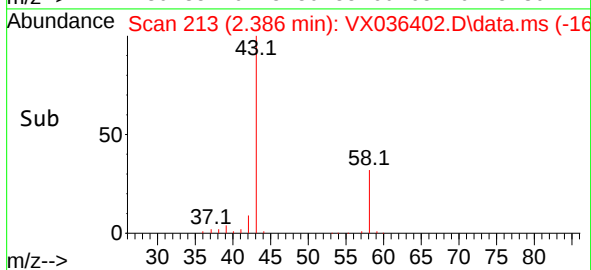
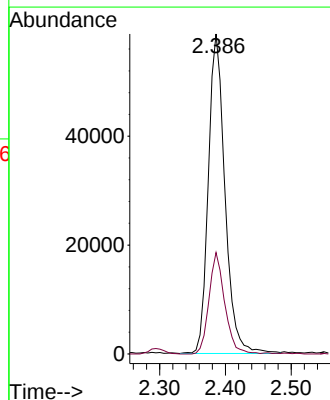
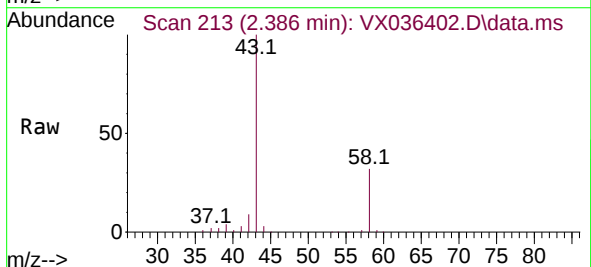
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#03

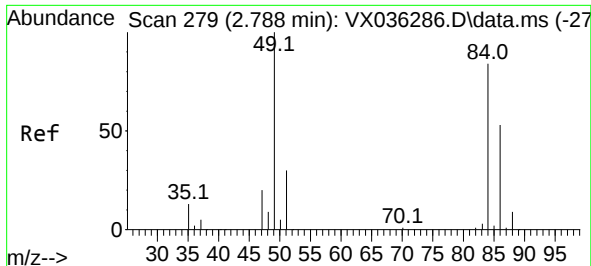
Tgt Ion:168 Resp: 166547
Ion Ratio Lower Upper
168 100
99 59.1 56.6 85.0



#16
Acetone
Concen: 101.134 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX036402.D
Acq: 05 Jul 2023 14:32

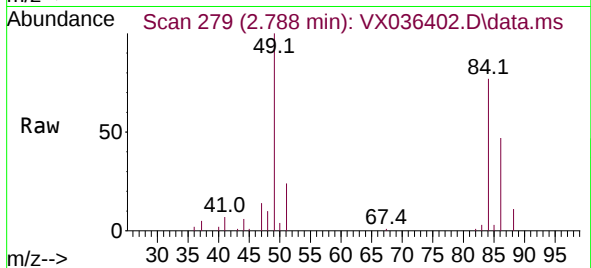
Tgt Ion: 43 Resp: 103199
Ion Ratio Lower Upper
43 100
58 31.7 21.9 32.9



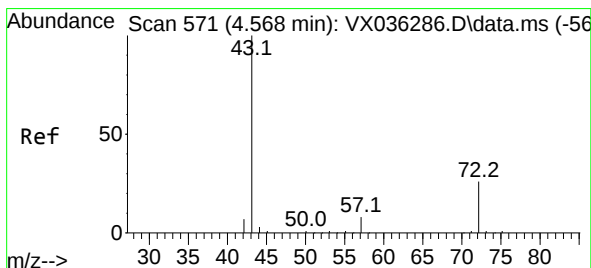
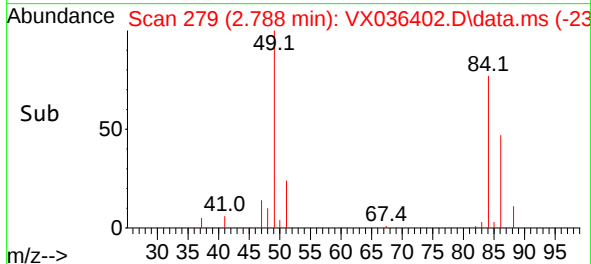
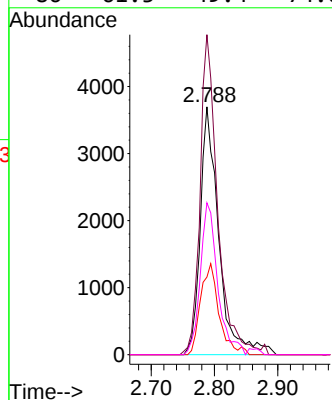


#20
Methylene Chloride
Concen: 3.451 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX036402.D
Acq: 05 Jul 2023 14:32

Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#03

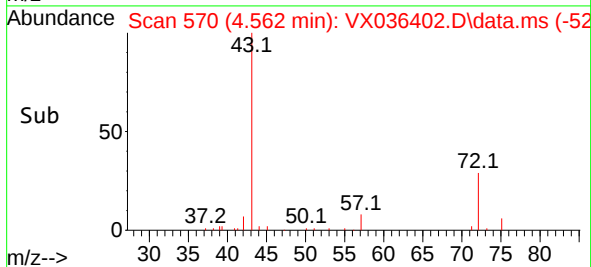
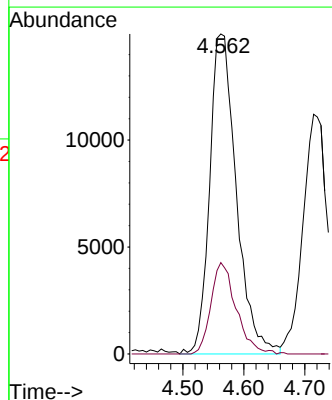
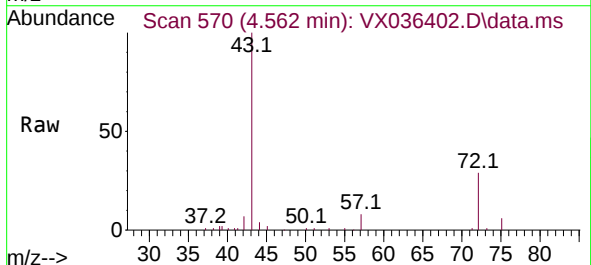


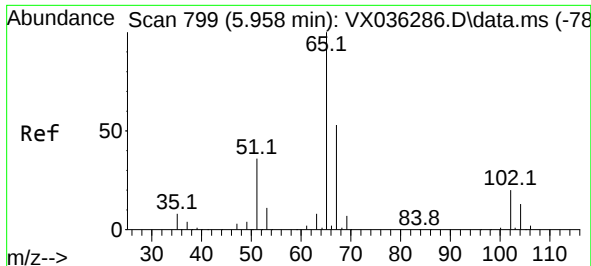
Tgt Ion:	84	Resp:	7582
Ion	Ratio	Lower	Upper
84	100		
49	129.1	103.6	155.4
51	31.3	33.8	50.6#
86	61.3	49.4	74.0



#25
2-Butanone
Concen: 31.070 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX036402.D
Acq: 05 Jul 2023 14:32

Tgt Ion:	43	Resp:	45553
Ion	Ratio	Lower	Upper
43	100		
72	28.6	19.4	29.2





#33

1,2-Dichloroethane-d4

Concen: 45.826 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX036402.D

Acq: 05 Jul 2023 14:32

Instrument :

MSVOA_X

ClientSampleId :

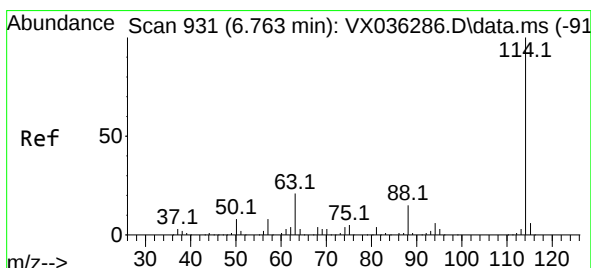
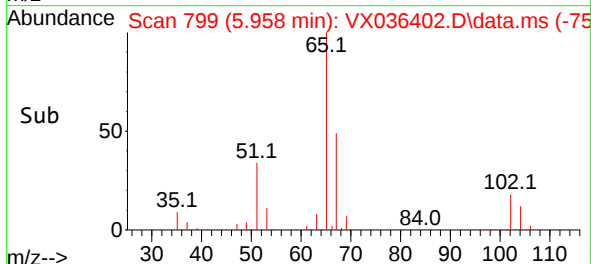
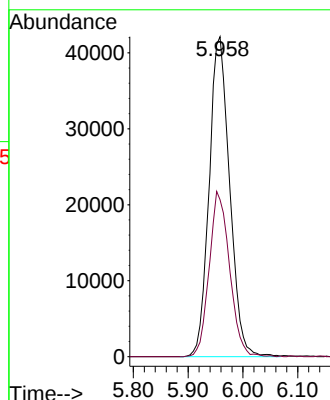
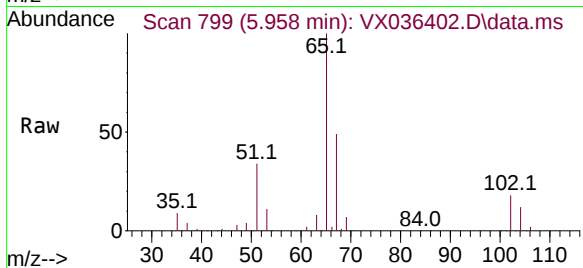
PB153983ZHE#03

Tgt Ion: 65 Resp: 109403

Ion Ratio Lower Upper

65 100

67 51.2 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: VX036402.D

Acq: 05 Jul 2023 14:32

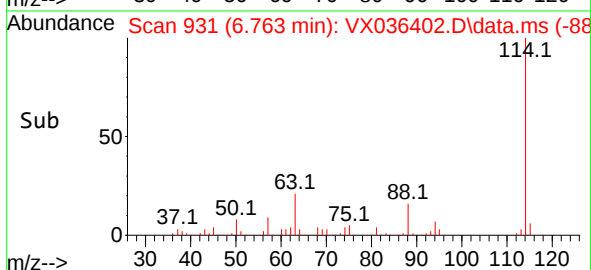
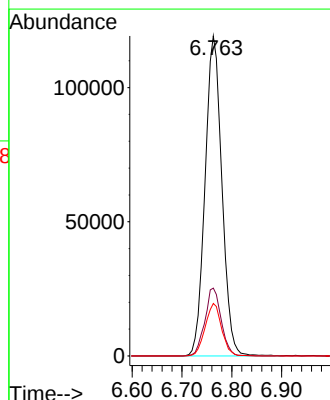
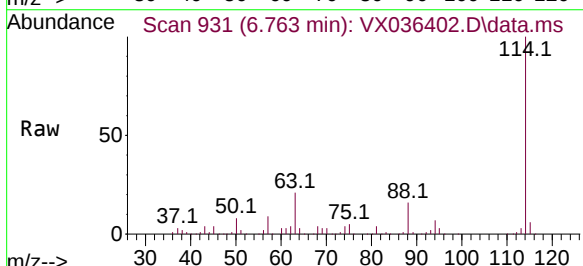
Tgt Ion: 114 Resp: 279850

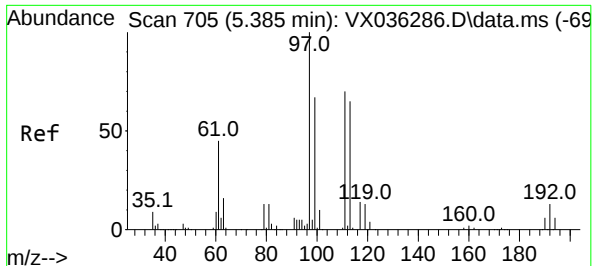
Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.0

88 16.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.629 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036402.D

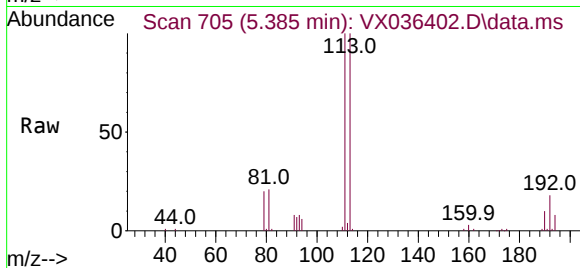
Acq: 05 Jul 2023 14:32

Instrument :

MSVOA_X

ClientSampleId :

PB153983ZHE#03



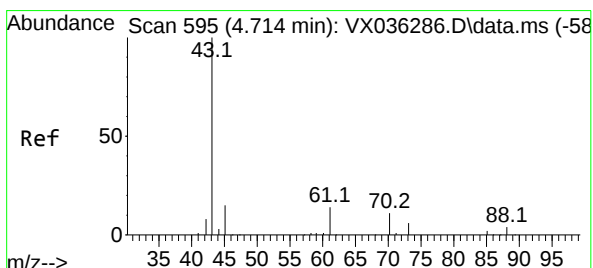
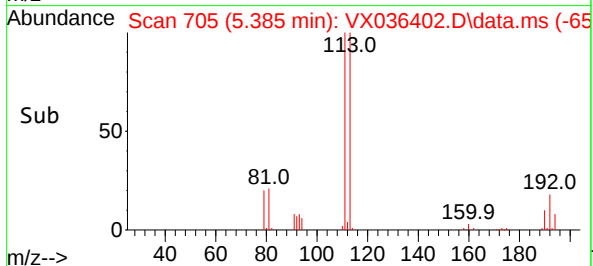
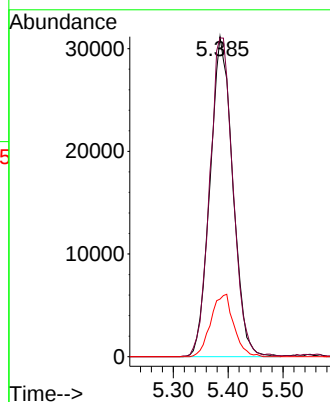
Tgt Ion:113 Resp: 89732

Ion Ratio Lower Upper

113 100

111 102.0 82.9 124.3

192 19.7 13.3 19.9



#37

Ethyl Acetate

Concen: 11.589 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX036402.D

Acq: 05 Jul 2023 14:32

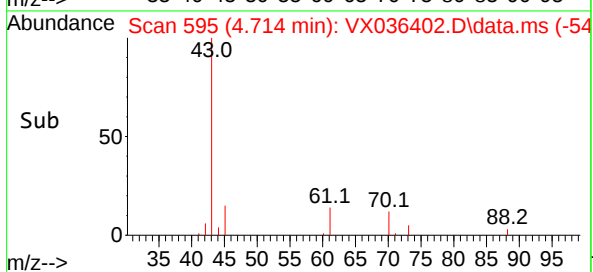
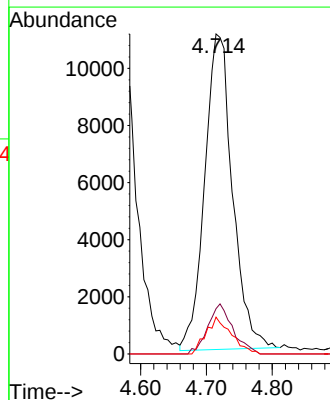
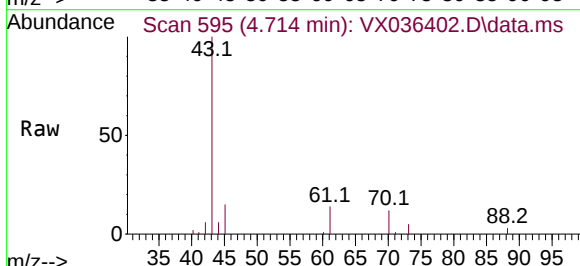
Tgt Ion: 43 Resp: 32489

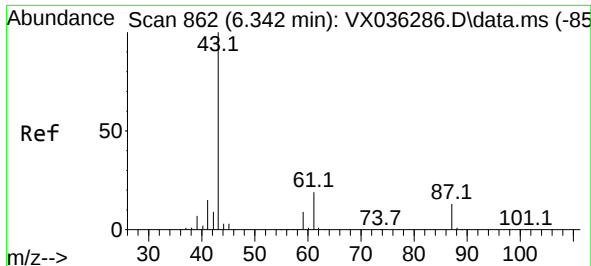
Ion Ratio Lower Upper

43 100

61 14.3 10.6 16.0

70 10.6 8.3 12.5

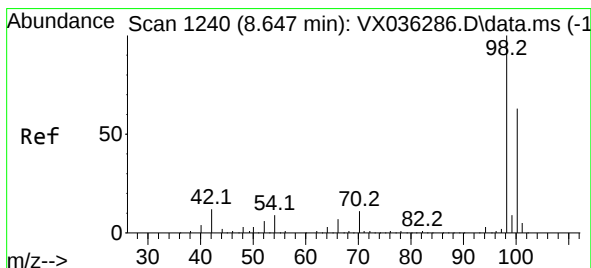
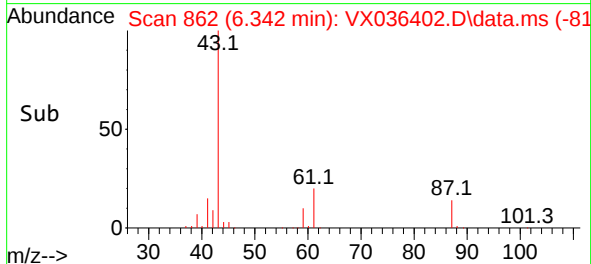
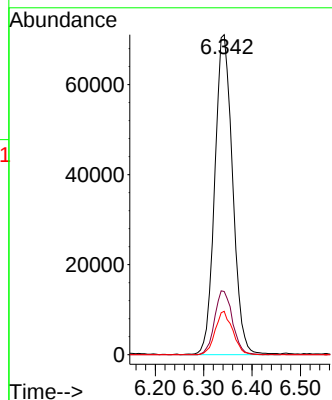
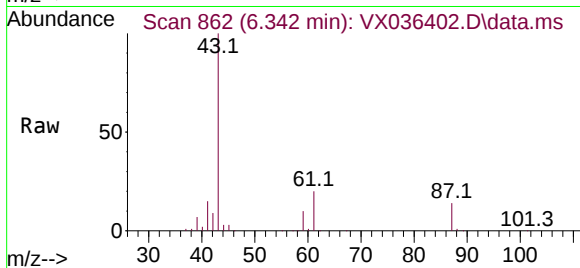




#43
Isopropyl Acetate
Concen: 40.717 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036402.D
Acq: 05 Jul 2023 14:32

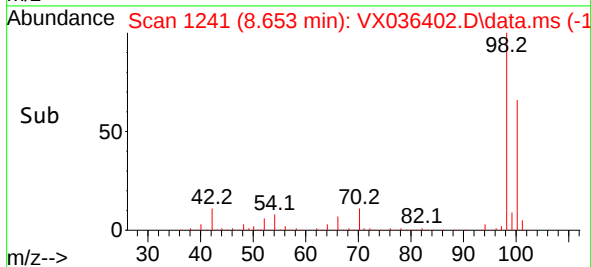
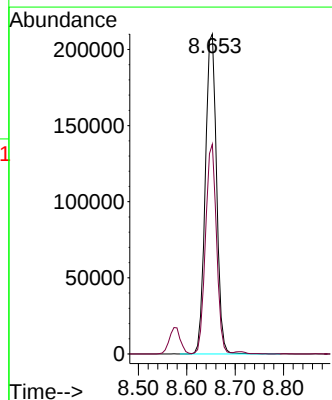
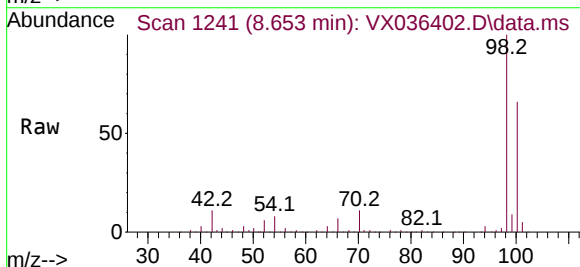
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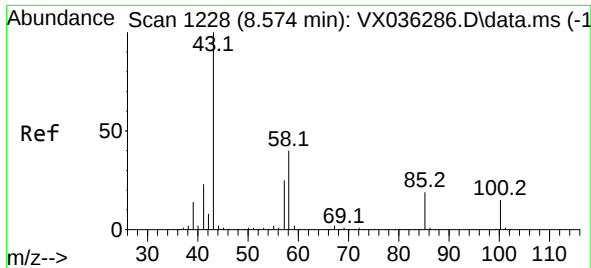
Tgt Ion: 43 Resp: 182095
Ion Ratio Lower Upper
43 100
61 20.0 15.2 22.8
87 13.3 9.8 14.6



#50
Toluene-d8
Concen: 49.192 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX036402.D
Acq: 05 Jul 2023 14:32

Tgt Ion: 98 Resp: 339033
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7

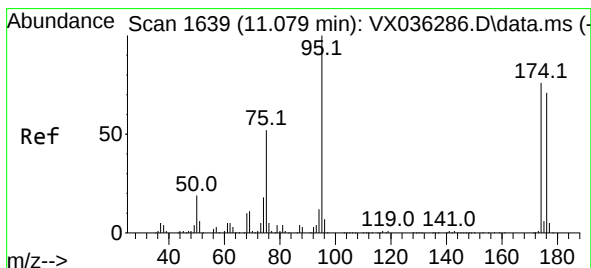
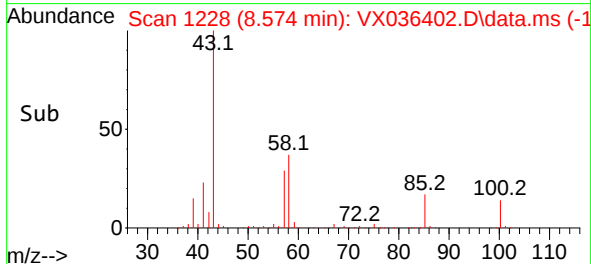
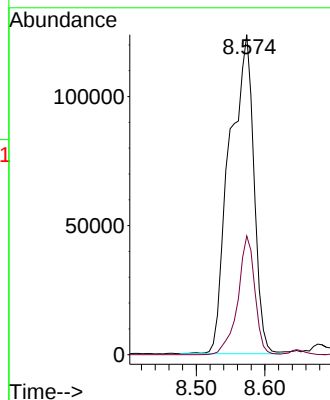
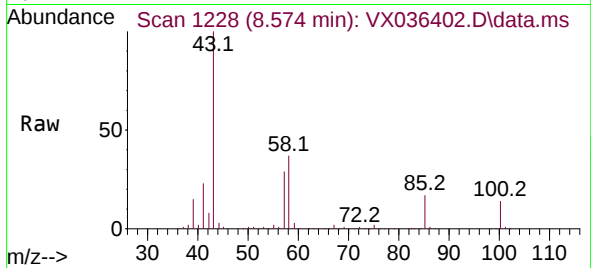




#51
4-Methyl-2-Pentanone
Concen: 105.519 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX036402.D
Acq: 05 Jul 2023 14:32

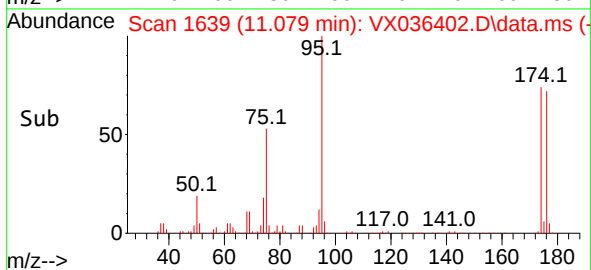
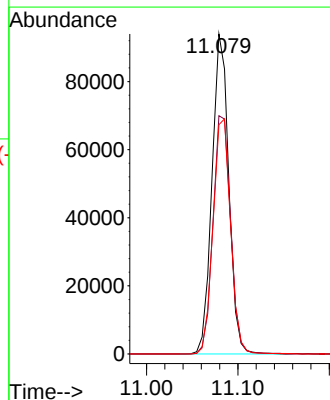
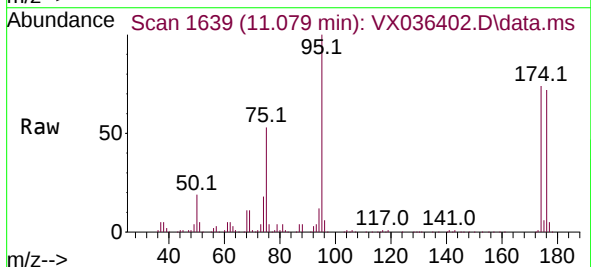
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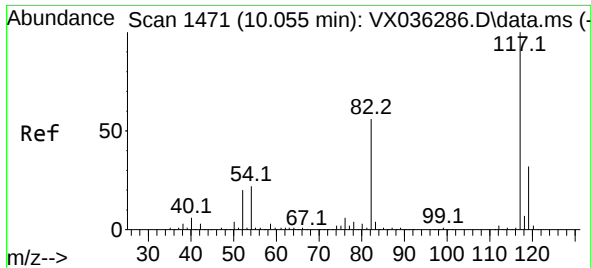
Tgt Ion: 43 Resp: 304032
Ion Ratio Lower Upper
43 100
58 26.2 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 49.146 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036402.D
Acq: 05 Jul 2023 14:32

Tgt Ion: 95 Resp: 119306
Ion Ratio Lower Upper
95 100
174 78.3 0.0 135.6
176 77.0 0.0 131.0

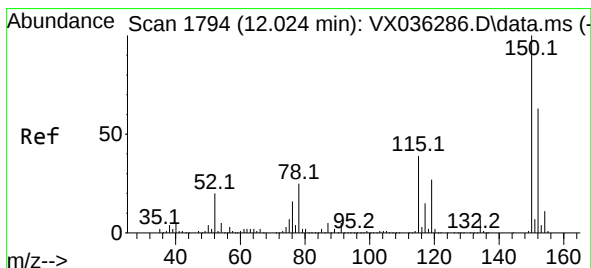
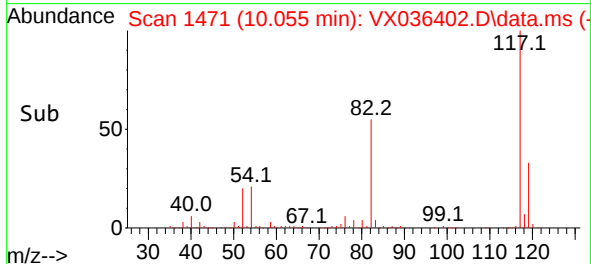
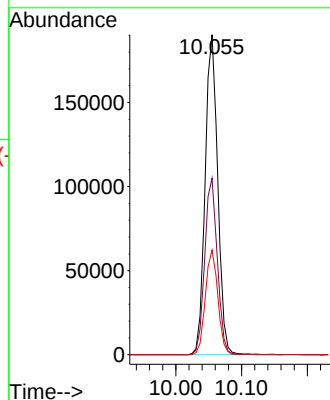
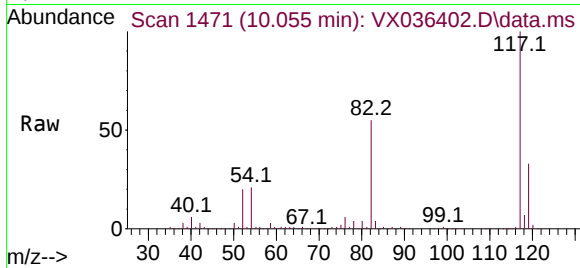




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036402.D
Acq: 05 Jul 2023 14:32

Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#03

Tgt Ion:117 Resp: 252988
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 32.7 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: VX036402.D
Acq: 05 Jul 2023 14:32

Tgt Ion:152 Resp: 115137
Ion Ratio Lower Upper
152 100
115 58.8 43.3 129.9
150 156.7 0.0 345.0

