

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071023\
 Data File : VX036482.D
 Acq On : 10 Jul 2023 14:57
 Operator : JC/MD
 Sample : PB154051ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB154051ZHE#04

Quant Time: Jul 11 01:29:28 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)

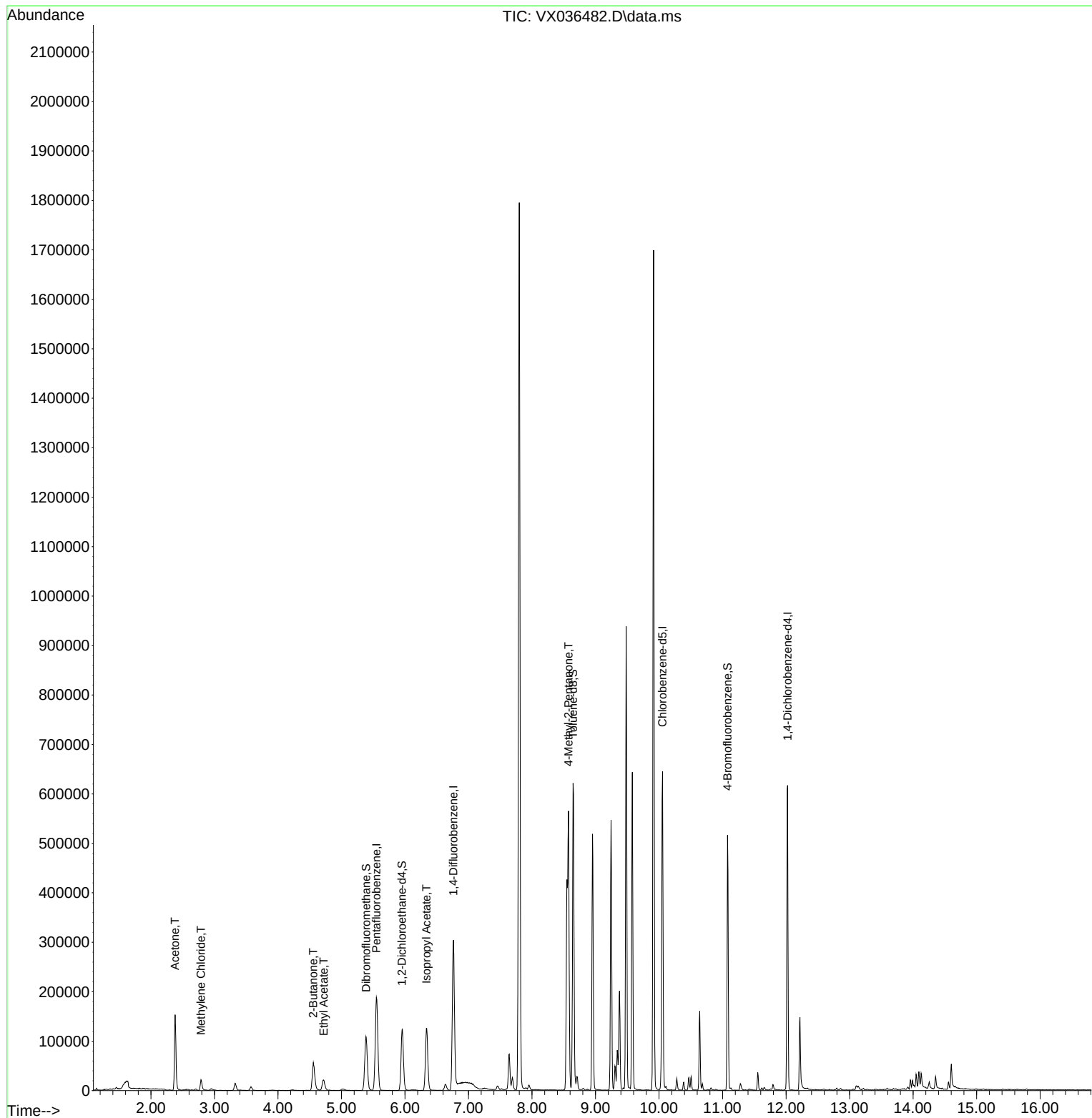
Internal Standards						
1) Pentafluorobenzene	5.550	168	177179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	301867	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	280489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	115639	45.532	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.060%
35) Dibromofluoromethane	5.385	113	94825	47.641	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.280%
50) Toluene-d8	8.647	98	375724	50.540	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.080%
62) 4-Bromofluorobenzene	11.079	95	132574	50.628	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.260%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	165853	152.782	ug/l	92
20) Methylene Chloride	2.788	84	11270	4.822	ug/l	90
25) 2-Butanone	4.556	43	96247	61.708	ug/l	97
37) Ethyl Acetate	4.721	43	39623	13.103	ug/l	98
43) Isopropyl Acetate	6.336	43	174456	36.164	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	431903	138.965	ug/l #	85

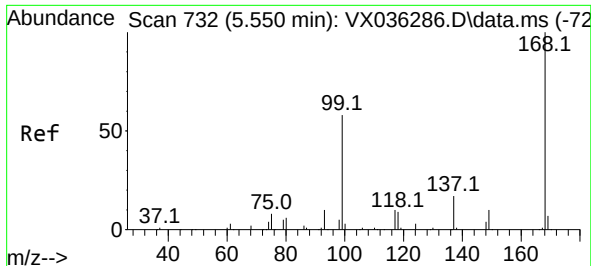
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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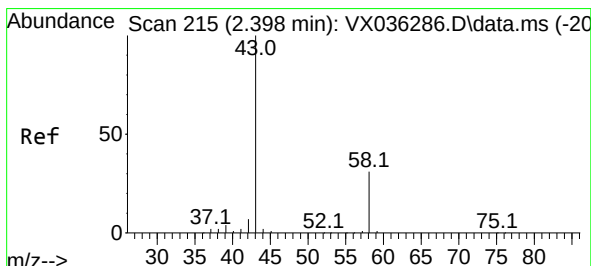
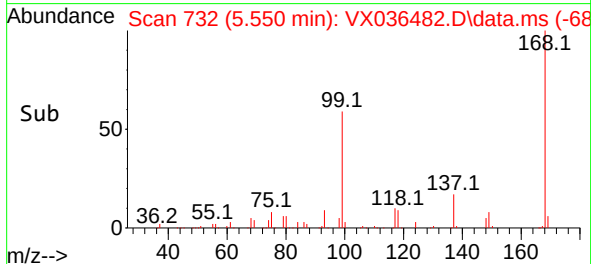
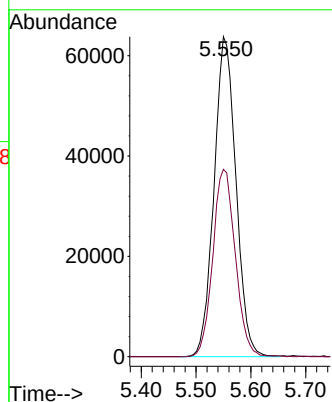
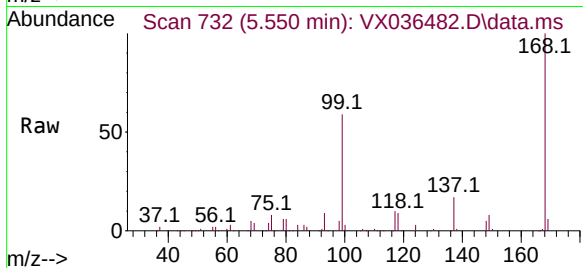




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036482.D
Acq: 10 Jul 2023 14:57

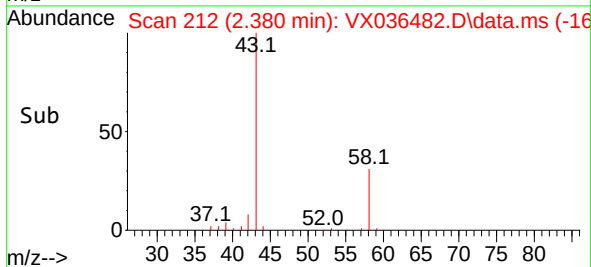
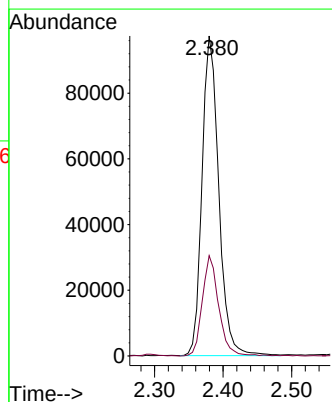
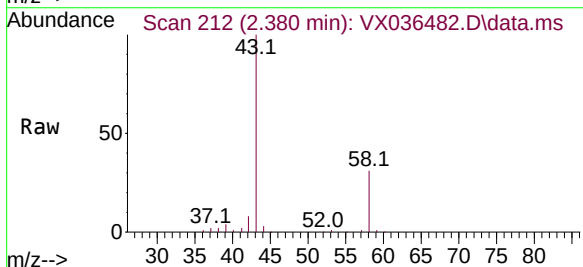
Instrument :
MSVOA_X
ClientSampleId :
PB154051ZHE#04

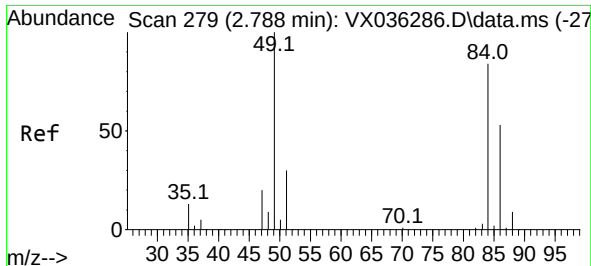
Tgt Ion:168 Resp: 177179
Ion Ratio Lower Upper
168 100
99 58.5 56.6 85.0



#16
Acetone
Concen: 152.782 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.024 min
Lab File: VX036482.D
Acq: 10 Jul 2023 14:57

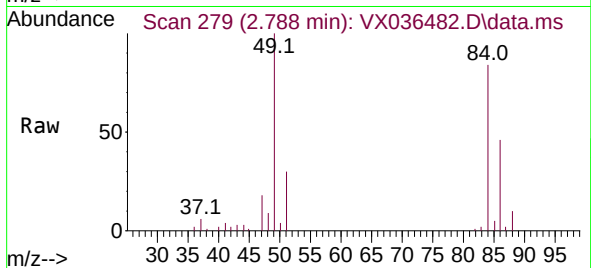
Tgt Ion: 43 Resp: 165853
Ion Ratio Lower Upper
43 100
58 31.4 21.9 32.9



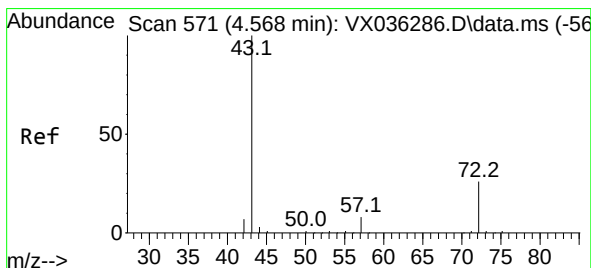
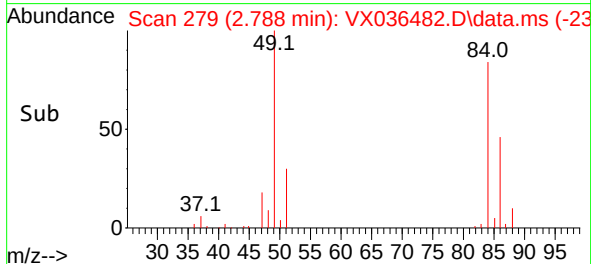
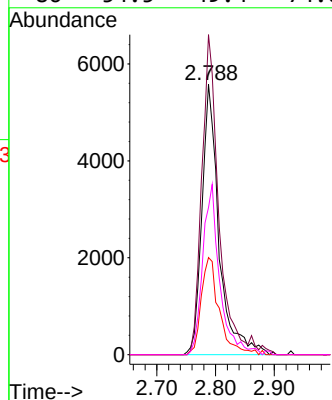


#20
Methylene Chloride
Concen: 4.822 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036482.D
Acq: 10 Jul 2023 14:57

Instrument :
MSVOA_X
ClientSampleId :
PB154051ZHE#04

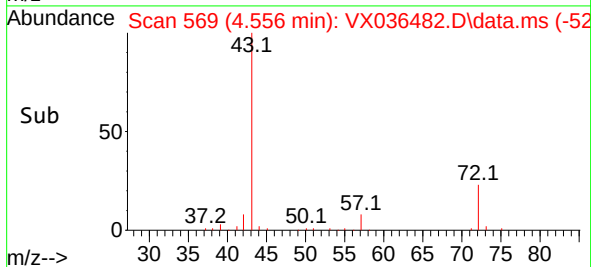
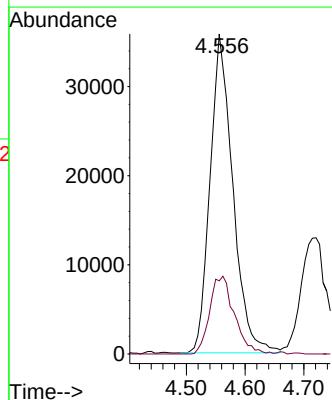
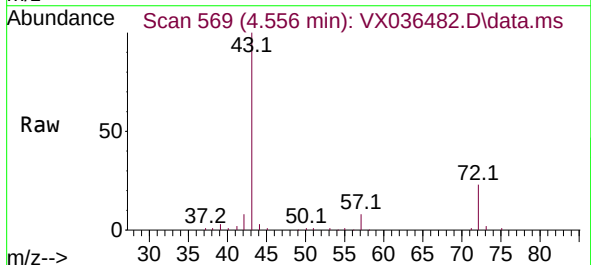


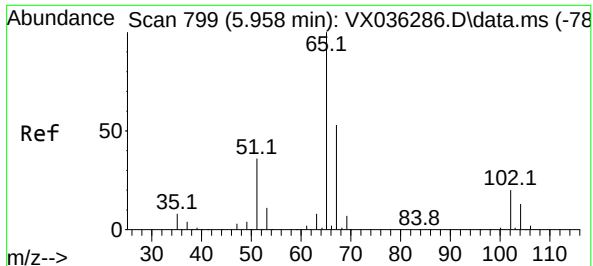
Tgt Ion: 84	Resp: 11270
Ion Ratio	Lower Upper
84 100	
49 118.4	103.6 155.4
51 36.0	33.8 50.6
86 54.5	49.4 74.0



#25
2-Butanone
Concen: 61.708 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.012 min
Lab File: VX036482.D
Acq: 10 Jul 2023 14:57

Tgt Ion: 43	Resp: 96247
Ion Ratio	Lower Upper
43 100	
72 22.9	19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 45.532 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036482.D

Acq: 10 Jul 2023 14:57

Instrument :

MSVOA_X

ClientSampleId :

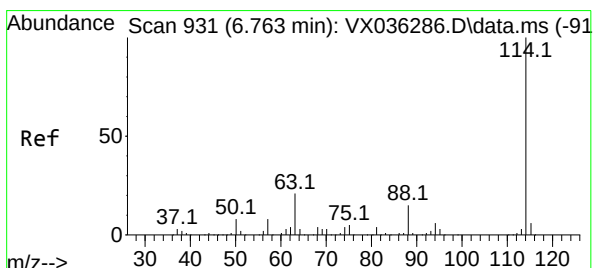
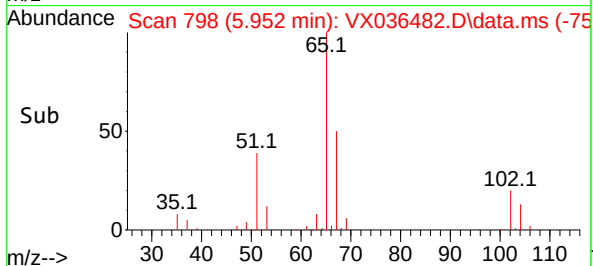
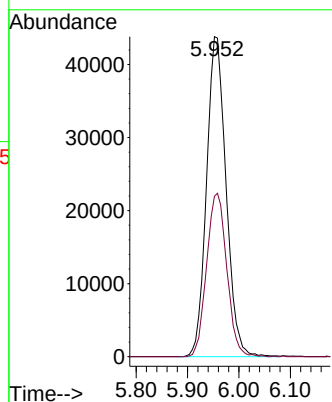
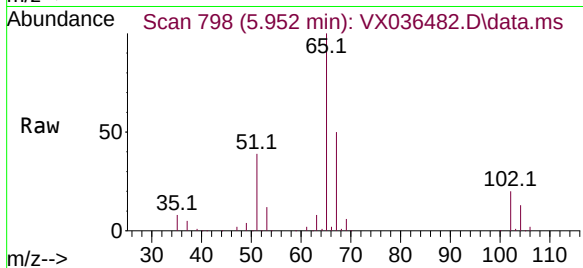
PB154051ZHE#04

Tgt Ion: 65 Resp: 115639

Ion Ratio Lower Upper

65 100

67 52.7 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: VX036482.D

Acq: 10 Jul 2023 14:57

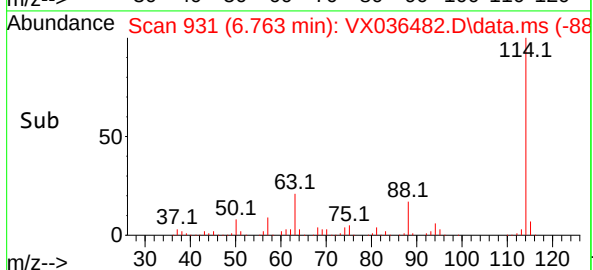
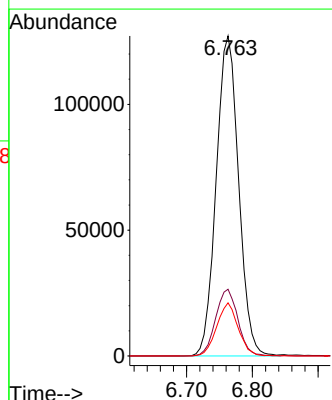
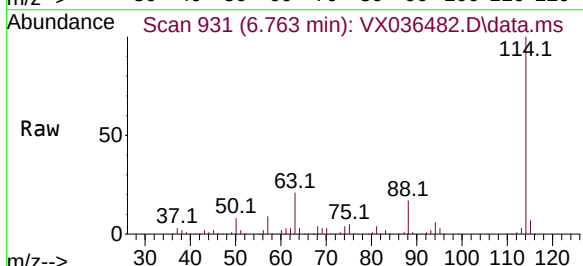
Tgt Ion: 114 Resp: 301867

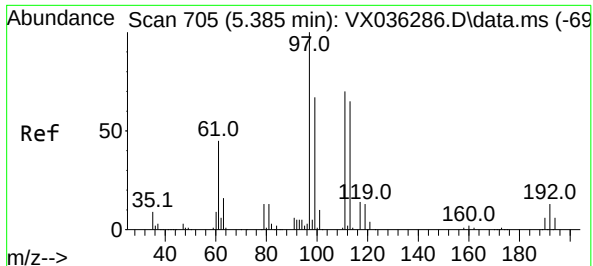
Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.0

88 16.6 0.0 36.6

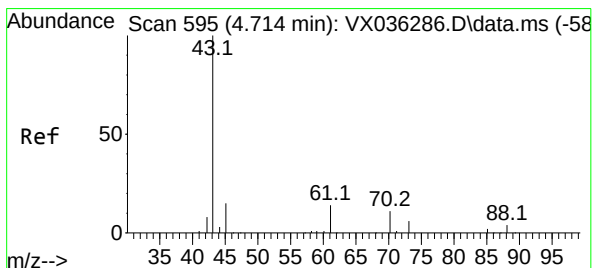
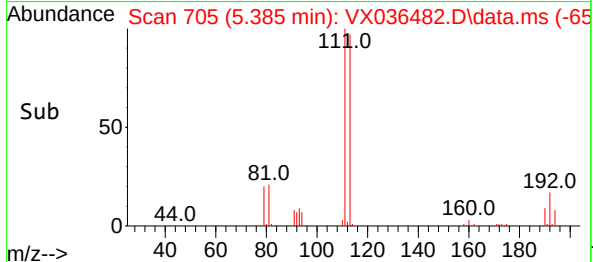
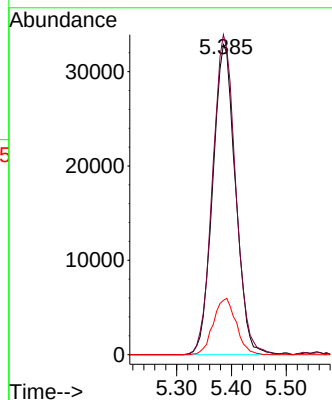
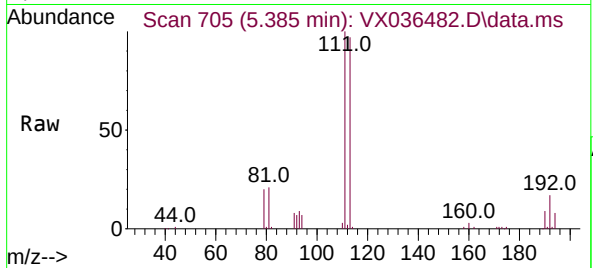




#35
Dibromofluoromethane
Concen: 47.641 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036482.D
Acq: 10 Jul 2023 14:57

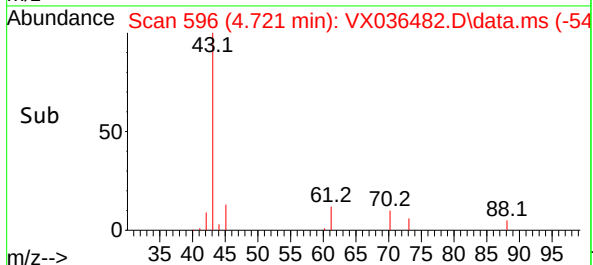
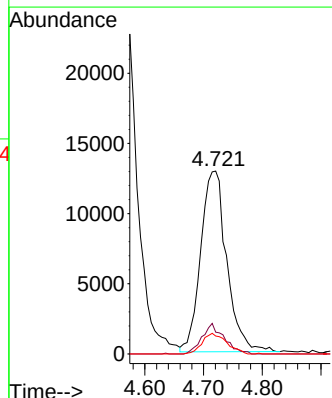
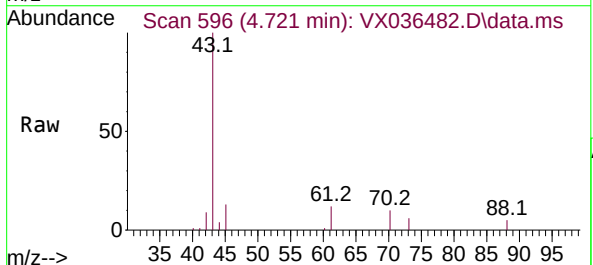
Instrument :
MSVOA_X
ClientSampleId :
PB154051ZHE#04

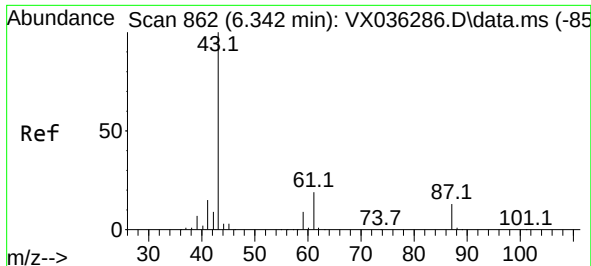
Tgt Ion:113 Resp: 94825
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 18.2 13.3 19.9



#37
Ethyl Acetate
Concen: 13.103 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.007 min
Lab File: VX036482.D
Acq: 10 Jul 2023 14:57

Tgt Ion: 43 Resp: 39623
Ion Ratio Lower Upper
43 100
61 14.3 10.6 16.0
70 10.7 8.3 12.5

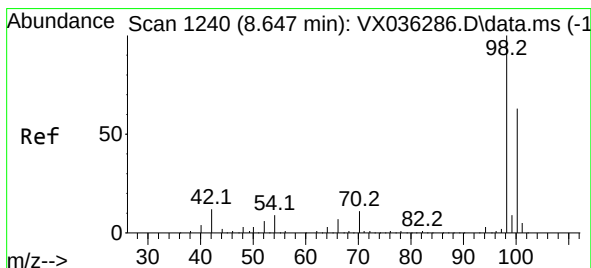
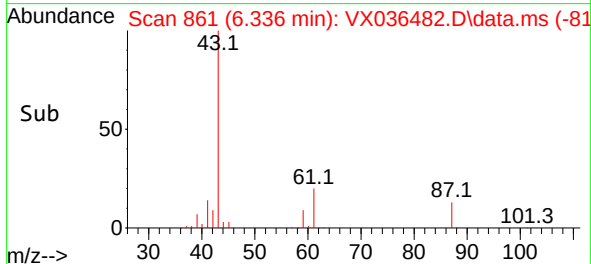
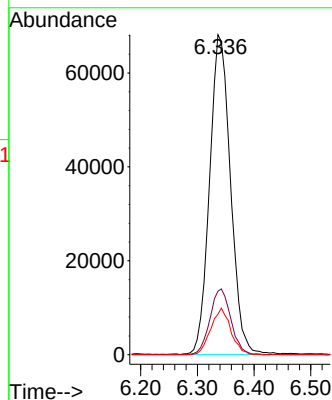
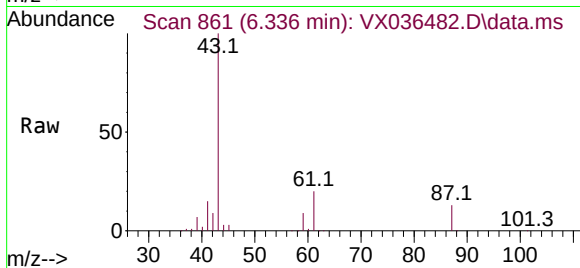




#43
Isopropyl Acetate
Concen: 36.164 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX036482.D
Acq: 10 Jul 2023 14:57

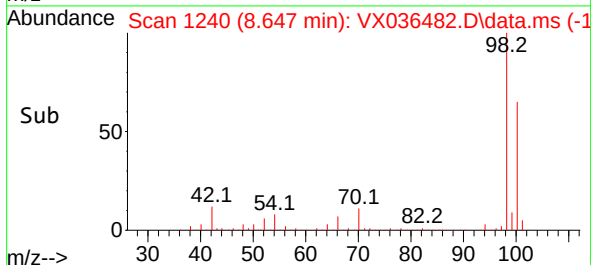
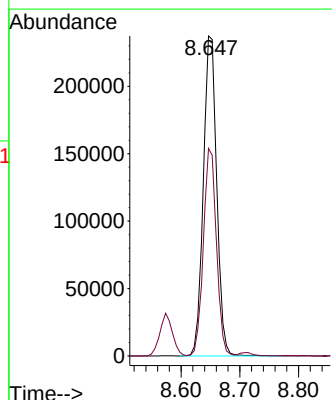
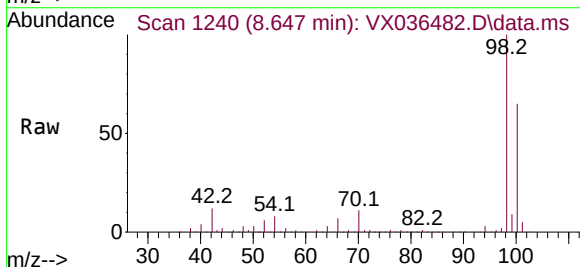
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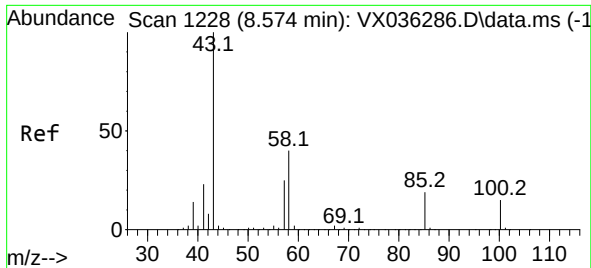
Tgt Ion: 43 Resp: 174456
Ion Ratio Lower Upper
43 100
61 20.5 15.2 22.8
87 13.8 9.8 14.6



#50
Toluene-d8
Concen: 50.540 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036482.D
Acq: 10 Jul 2023 14:57

Tgt Ion: 98 Resp: 375724
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7

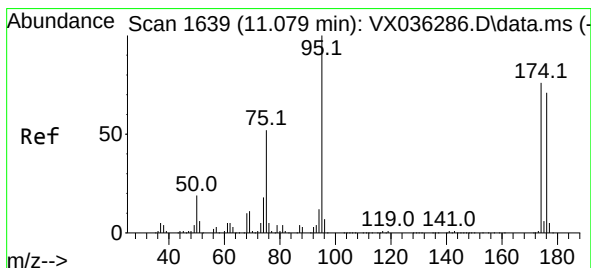
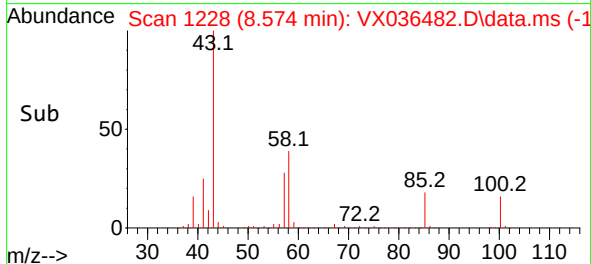
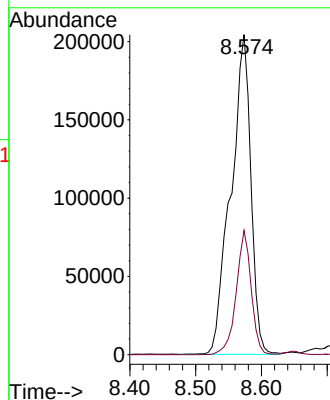
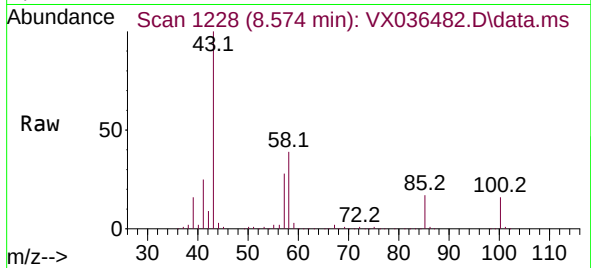




#51
4-Methyl-2-Pentanone
Concen: 138.965 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX036482.D
Acq: 10 Jul 2023 14:57

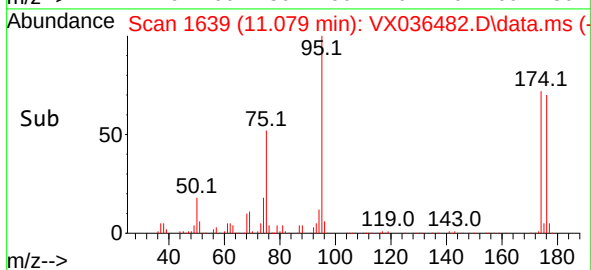
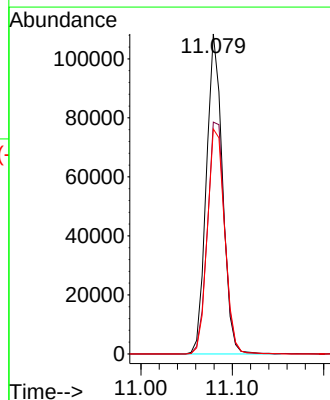
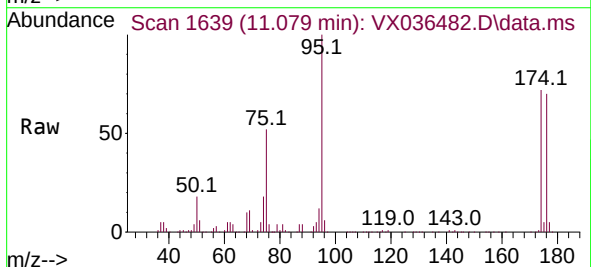
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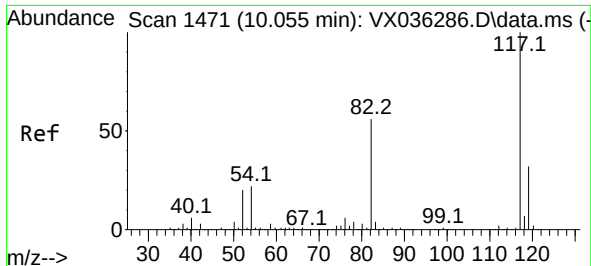
Tgt Ion: 43 Resp: 431903
Ion Ratio Lower Upper
43 100
58 29.2 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.628 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036482.D
Acq: 10 Jul 2023 14:57

Tgt Ion: 95 Resp: 132574
Ion Ratio Lower Upper
95 100
174 77.6 0.0 135.6
176 75.5 0.0 131.0

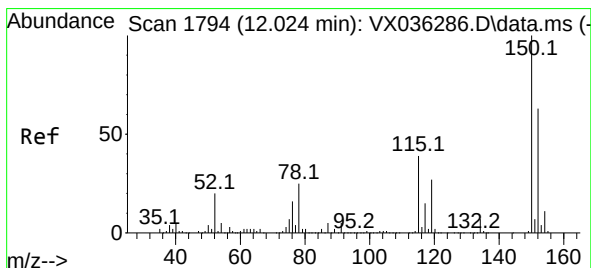
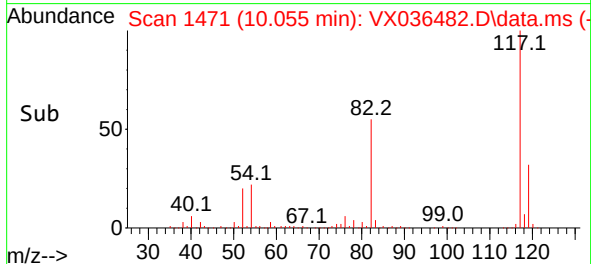
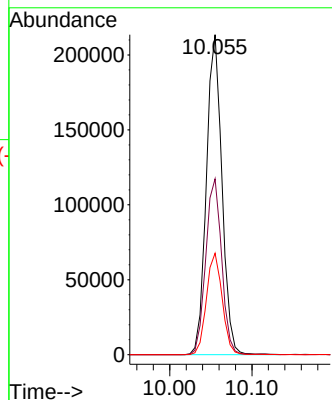
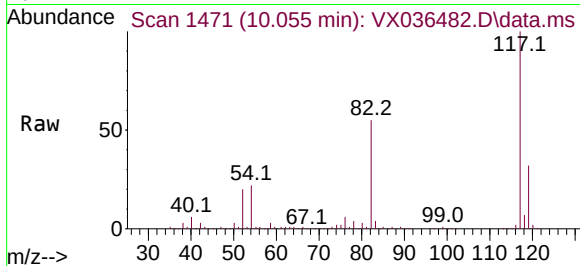




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036482.D
Acq: 10 Jul 2023 14:57

Instrument :
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PB154051ZHE#04

Tgt Ion:117 Resp: 280489
Ion Ratio Lower Upper
117 100
82 54.9 46.2 69.4
119 31.7 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: VX036482.D
Acq: 10 Jul 2023 14:57

Tgt Ion:152 Resp: 127946
Ion Ratio Lower Upper
152 100
115 58.5 43.3 129.9
150 155.5 0.0 345.0

