

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071023\
 Data File : VX036478.D
 Acq On : 10 Jul 2023 13:23
 Operator : JC/MD
 Sample : PB154051TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB154051TB

Quant Time: Jul 11 01:27:19 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)

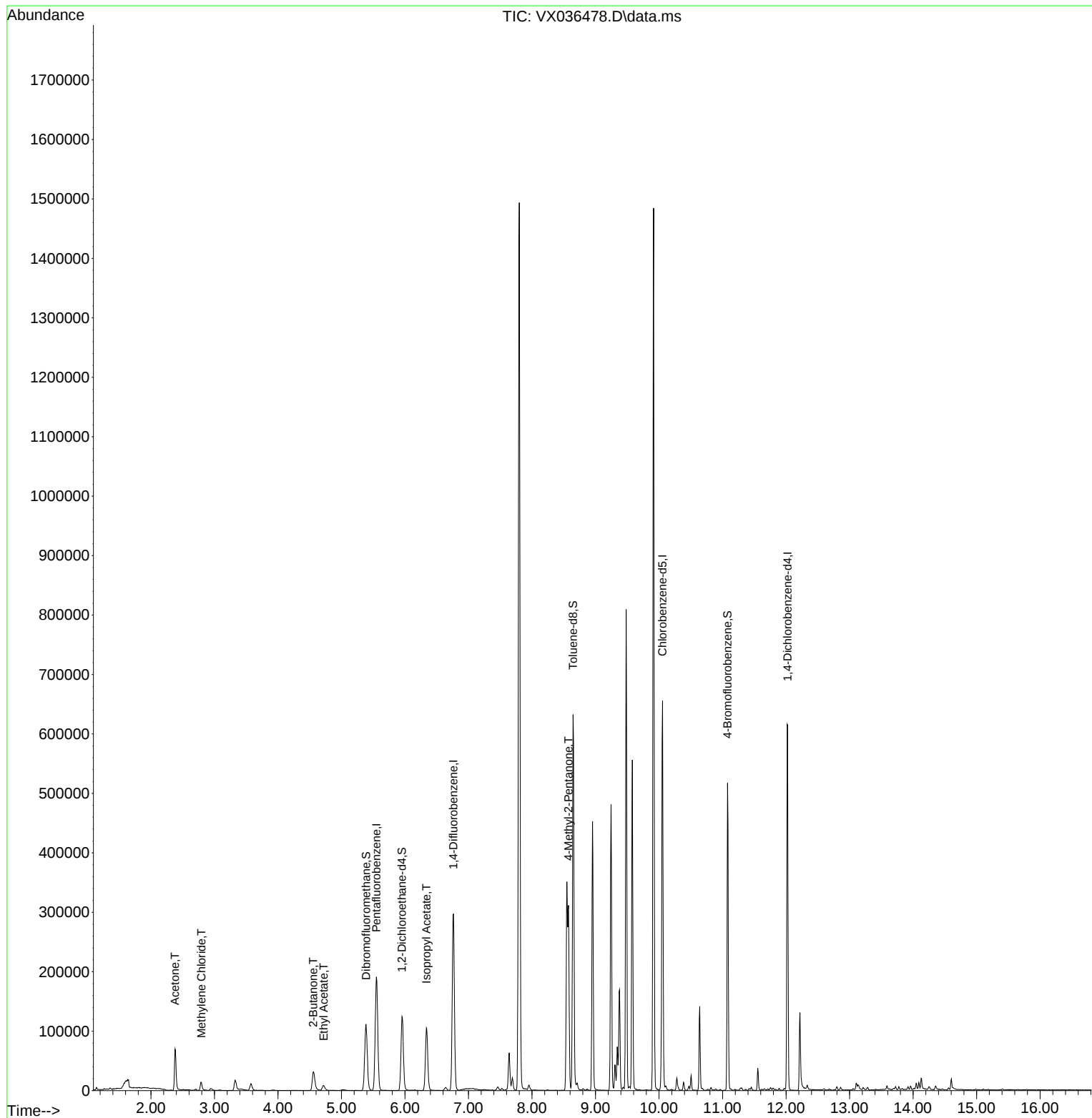
Internal Standards						
1) Pentafluorobenzene	5.550	168	178427	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	309249	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	284244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	117677	46.010	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.020%
35) Dibromofluoromethane	5.385	113	96351	47.252	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.500%
50) Toluene-d8	8.647	98	378479	49.695	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.400%
62) 4-Bromofluorobenzene	11.079	95	134718	50.219	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.440%
Target Compounds						
						Qvalue
16) Acetone	2.380	43	80825	73.934	ug/l	# 89
20) Methylene Chloride	2.794	84	7135	3.031	ug/l	# 89
25) 2-Butanone	4.556	43	56877	36.211	ug/l	97
37) Ethyl Acetate	4.721	43	15406	4.973	ug/l	96
43) Isopropyl Acetate	6.336	43	146410	29.625	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	276884	86.961	ug/l	# 81

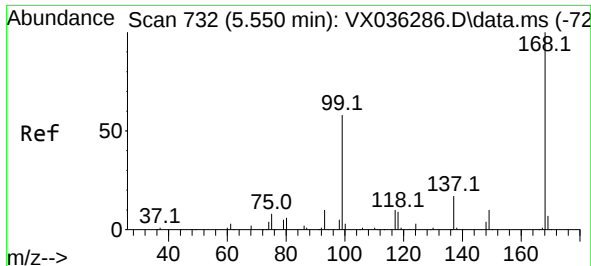
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

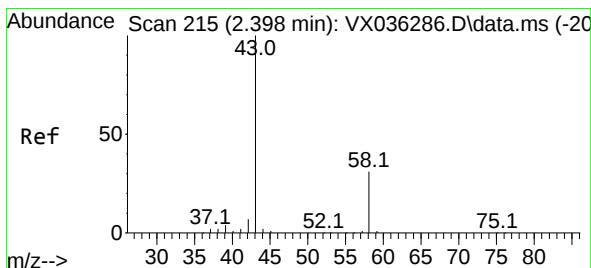
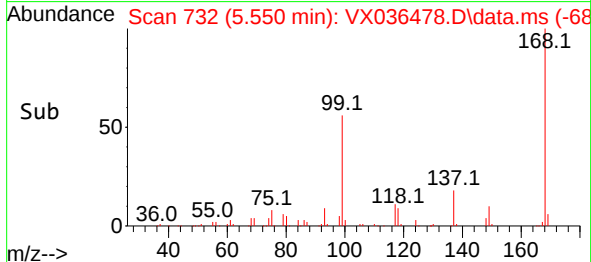
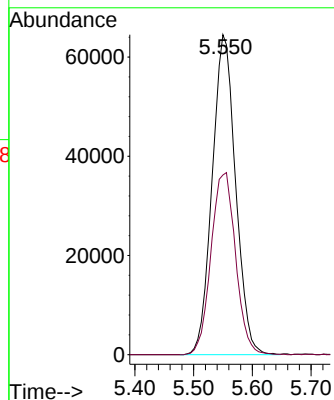
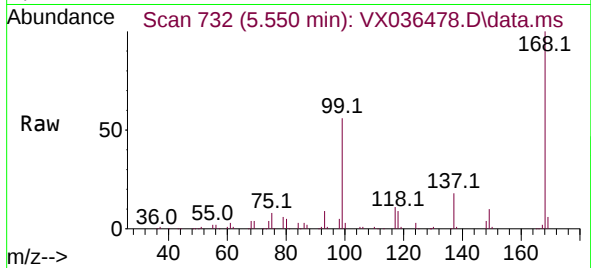
Instrument :

MSVOA_X

ClientSampleId :

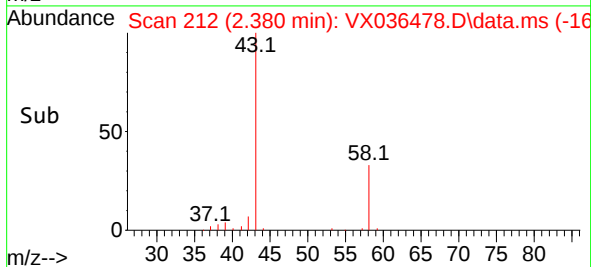
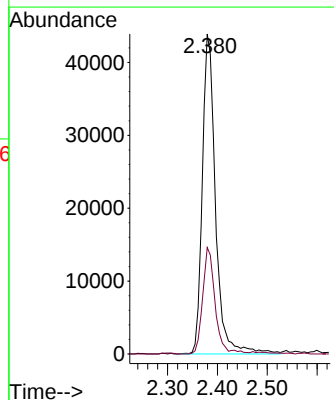
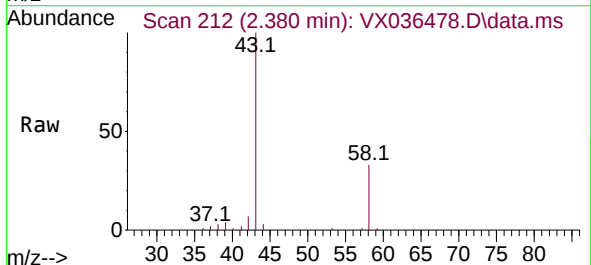
PB154051TB

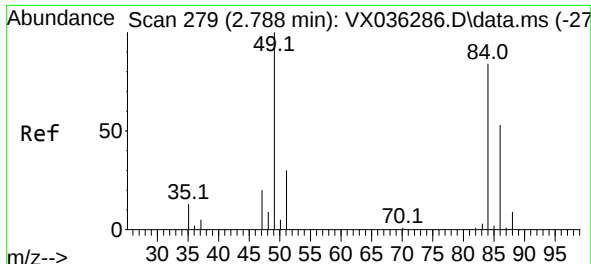
Tgt Ion:168 Resp: 178427
Ion Ratio Lower Upper
168 100
99 56.2 56.6 85.0#



#16
Acetone
Concen: 73.934 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.024 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

Tgt Ion: 43 Resp: 80825
Ion Ratio Lower Upper
43 100
58 33.3 21.9 32.9#

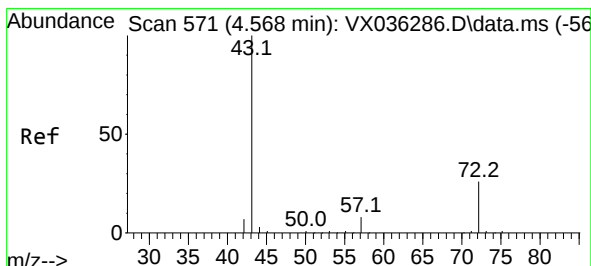
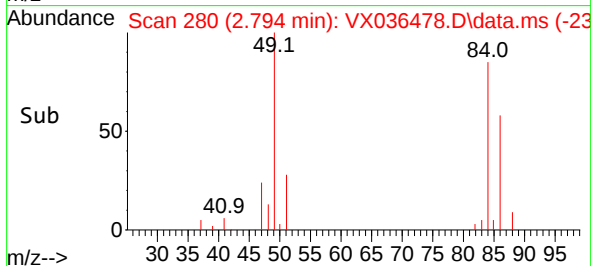
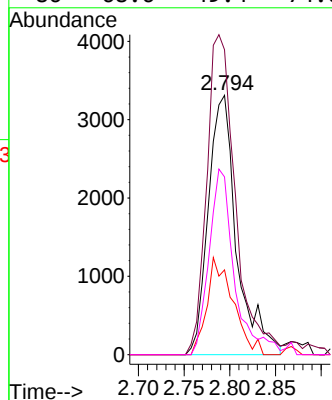
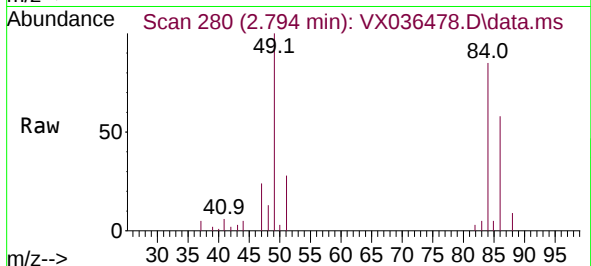




#20
Methylene Chloride
Concen: 3.031 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

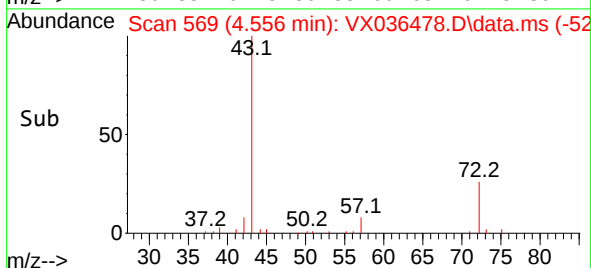
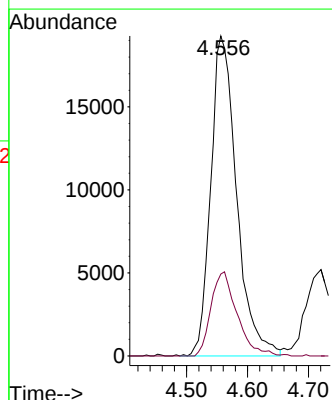
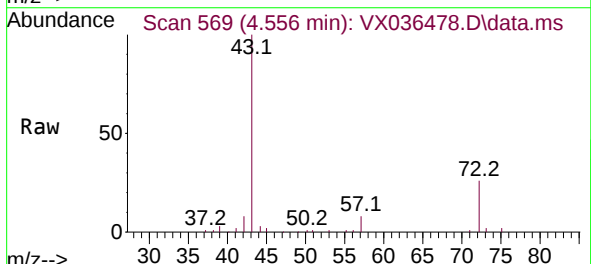
Instrument :
MSVOA_X
ClientSampleId :
PB154051TB

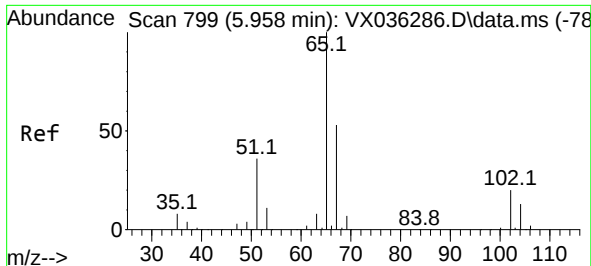
Tgt Ion: 84	Resp: 7135
Ion Ratio	Lower Upper
84 100	
49 117.6	103.6 155.4
51 32.7	33.8 50.6#
86 68.6	49.4 74.0



#25
2-Butanone
Concen: 36.211 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.012 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

Tgt Ion: 43	Resp: 56877
Ion Ratio	Lower Upper
43 100	
72 25.6	19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 46.010 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036478.D

Acq: 10 Jul 2023 13:23

Instrument :

MSVOA_X

ClientSampleId :

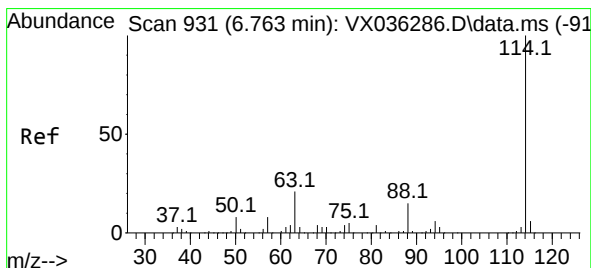
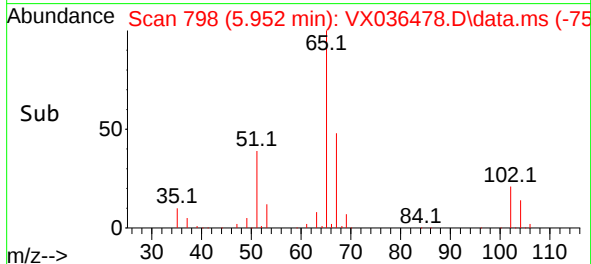
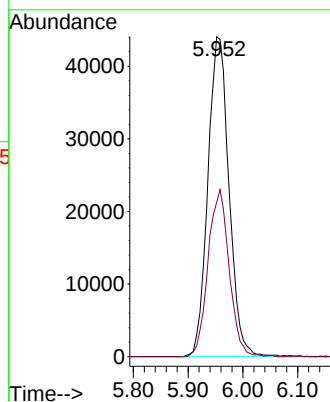
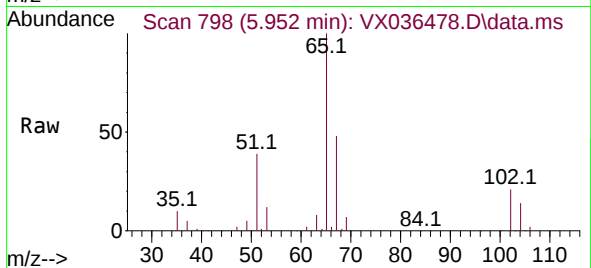
PB154051TB

Tgt Ion: 65 Resp: 117677

Ion Ratio Lower Upper

65 100

67 52.1 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: VX036478.D

Acq: 10 Jul 2023 13:23

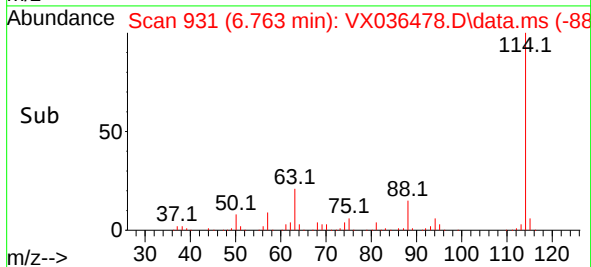
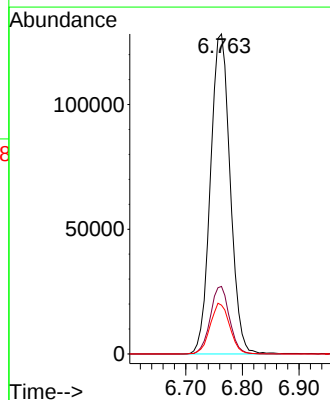
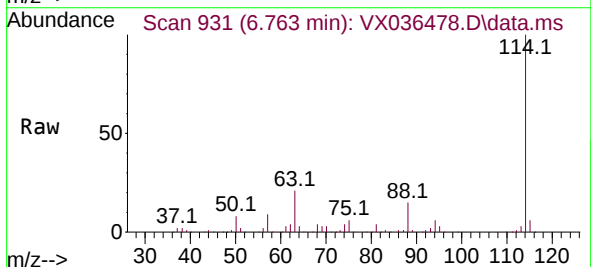
Tgt Ion: 114 Resp: 309249

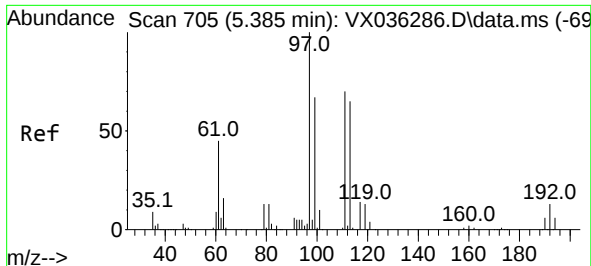
Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.0

88 15.2 0.0 36.6

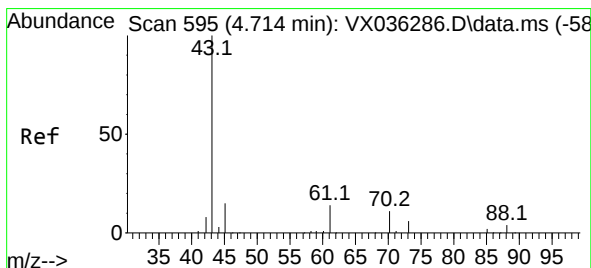
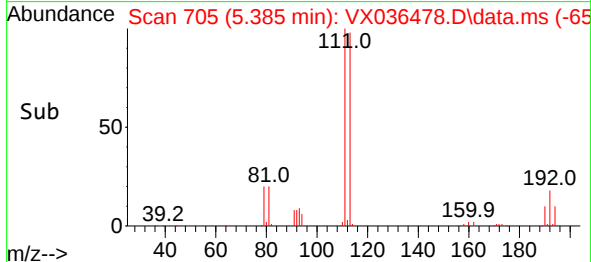
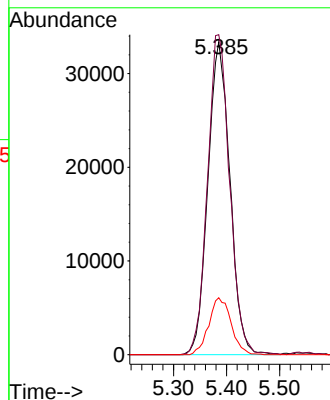
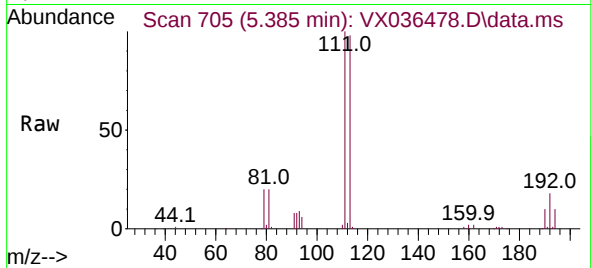




#35
Dibromofluoromethane
Concen: 47.252 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

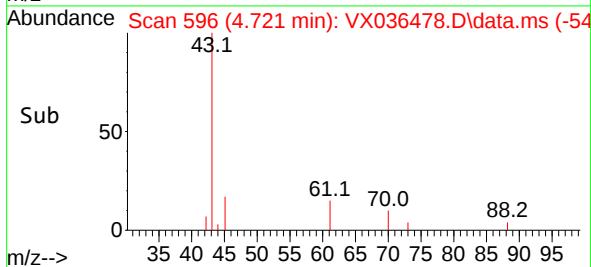
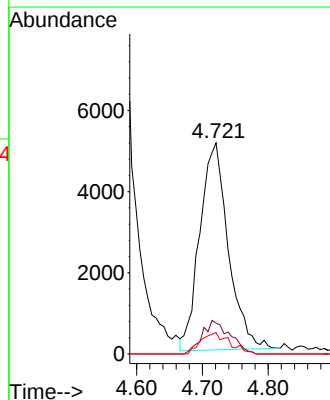
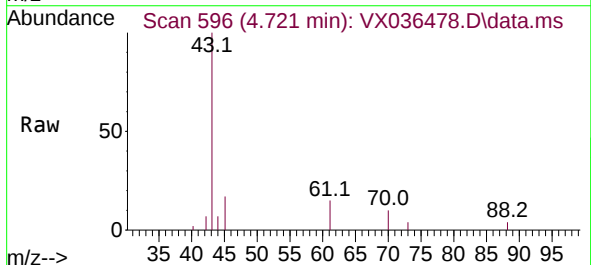
Instrument :
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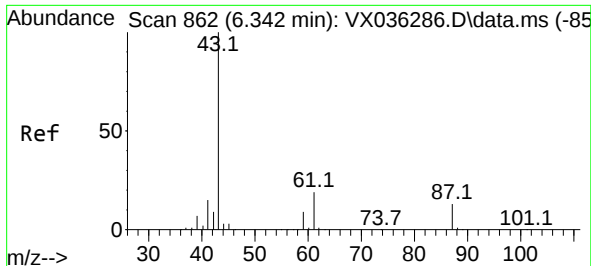
Tgt Ion:113 Resp: 96351
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 18.4 13.3 19.9



#37
Ethyl Acetate
Concen: 4.973 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.007 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

Tgt Ion: 43 Resp: 15406
Ion Ratio Lower Upper
43 100
61 15.7 10.6 16.0
70 10.3 8.3 12.5

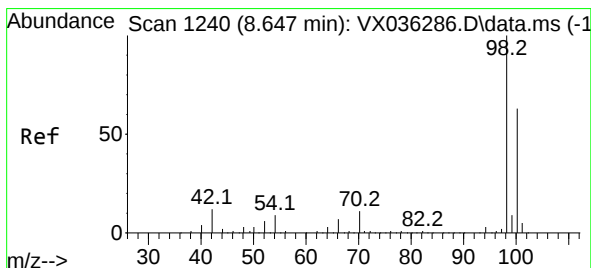
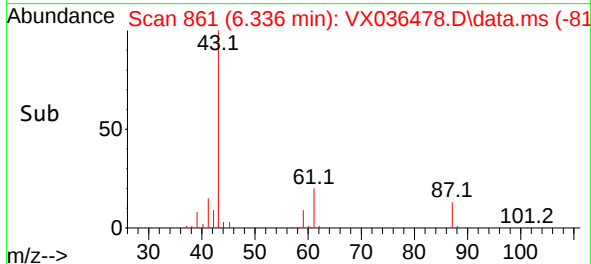
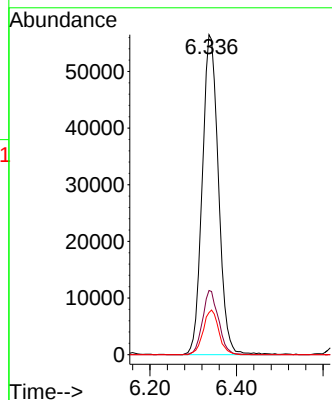
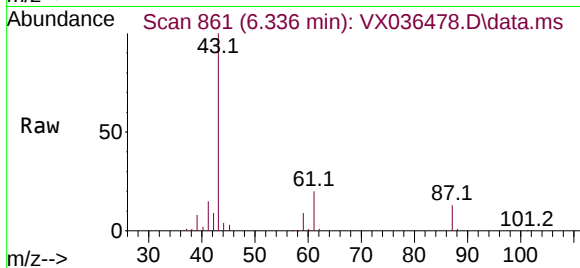




#43
Isopropyl Acetate
Concen: 29.625 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

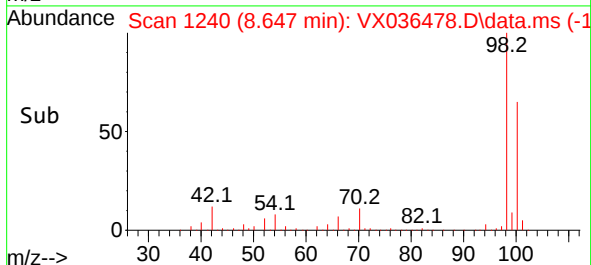
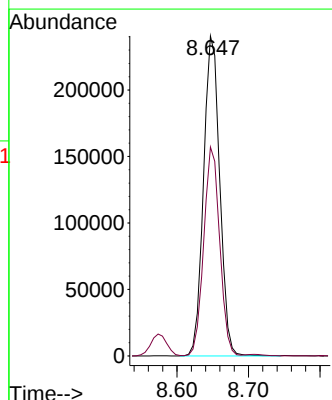
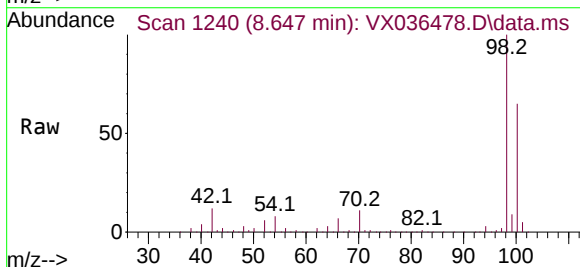
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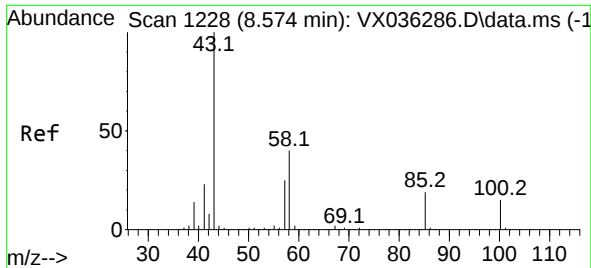
Tgt Ion: 43 Resp: 146410
Ion Ratio Lower Upper
43 100
61 19.8 15.2 22.8
87 13.4 9.8 14.6



#50
Toluene-d8
Concen: 49.695 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

Tgt Ion: 98 Resp: 378479
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

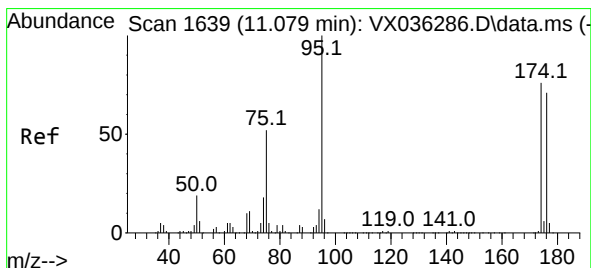
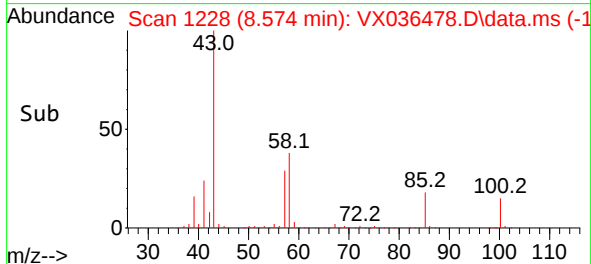
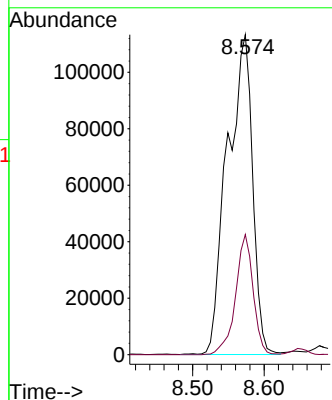
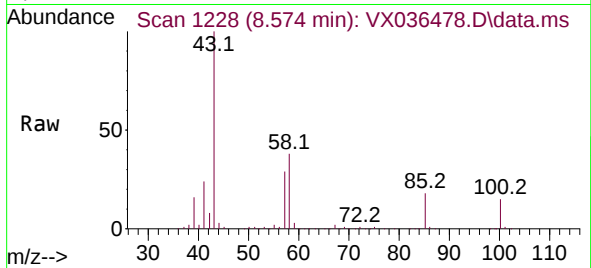




#51
4-Methyl-2-Pentanone
Concen: 86.961 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

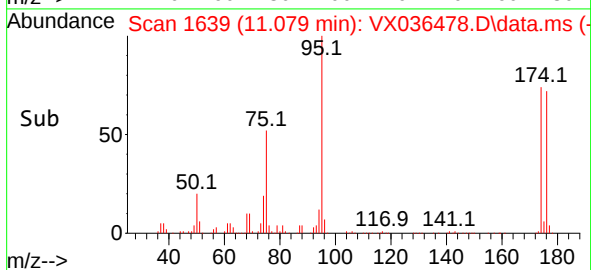
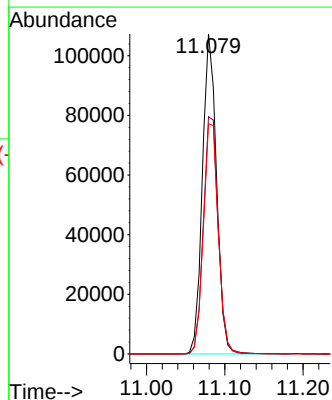
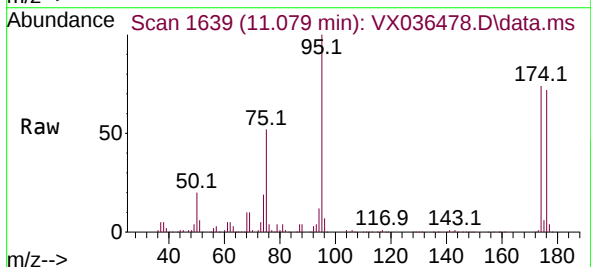
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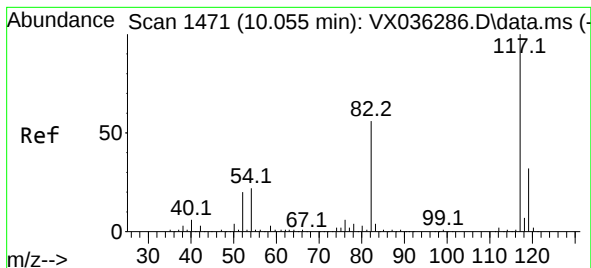
Tgt Ion: 43 Resp: 276884
Ion Ratio Lower Upper
43 100
58 26.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.219 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

Tgt Ion: 95 Resp: 134718
Ion Ratio Lower Upper
95 100
174 77.6 0.0 135.6
176 75.8 0.0 131.0

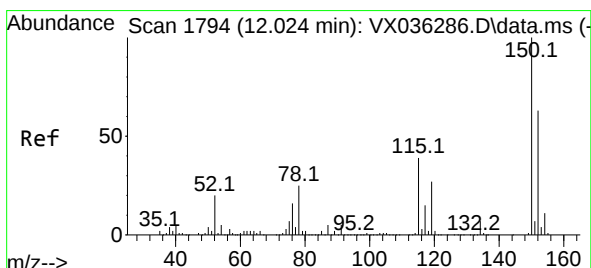
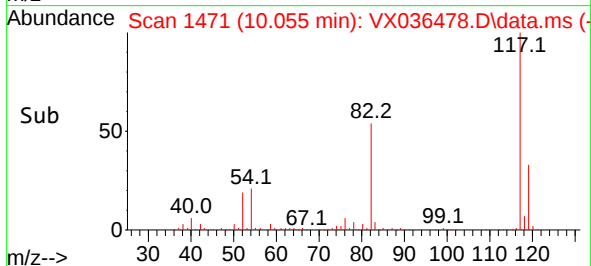
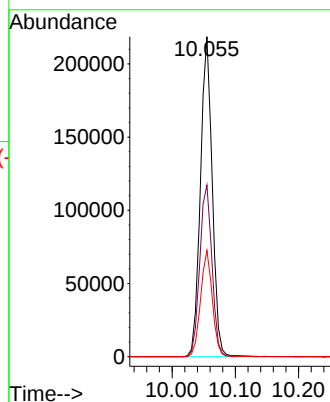
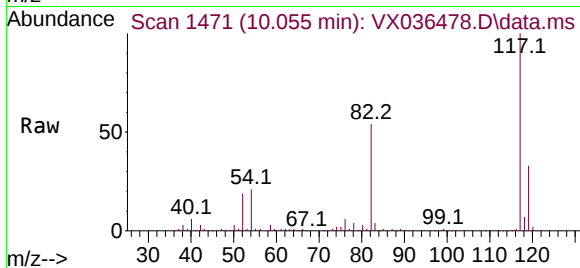




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

Instrument :
MSVOA_X
ClientSampleId :
PB154051TB

Tgt Ion:117 Resp: 284244
Ion Ratio Lower Upper
117 100
82 53.6 46.2 69.4
119 33.2 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: VX036478.D
Acq: 10 Jul 2023 13:23

Tgt Ion:152 Resp: 129358
Ion Ratio Lower Upper
152 100
115 59.7 43.3 129.9
150 157.5 0.0 345.0

