

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080423\
 Data File : VX036819.D
 Acq On : 04 Aug 2023 18:43
 Operator : JC/MD
 Sample : 03887-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MCLEAN-TP6

Quant Time: Aug 04 23:09:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

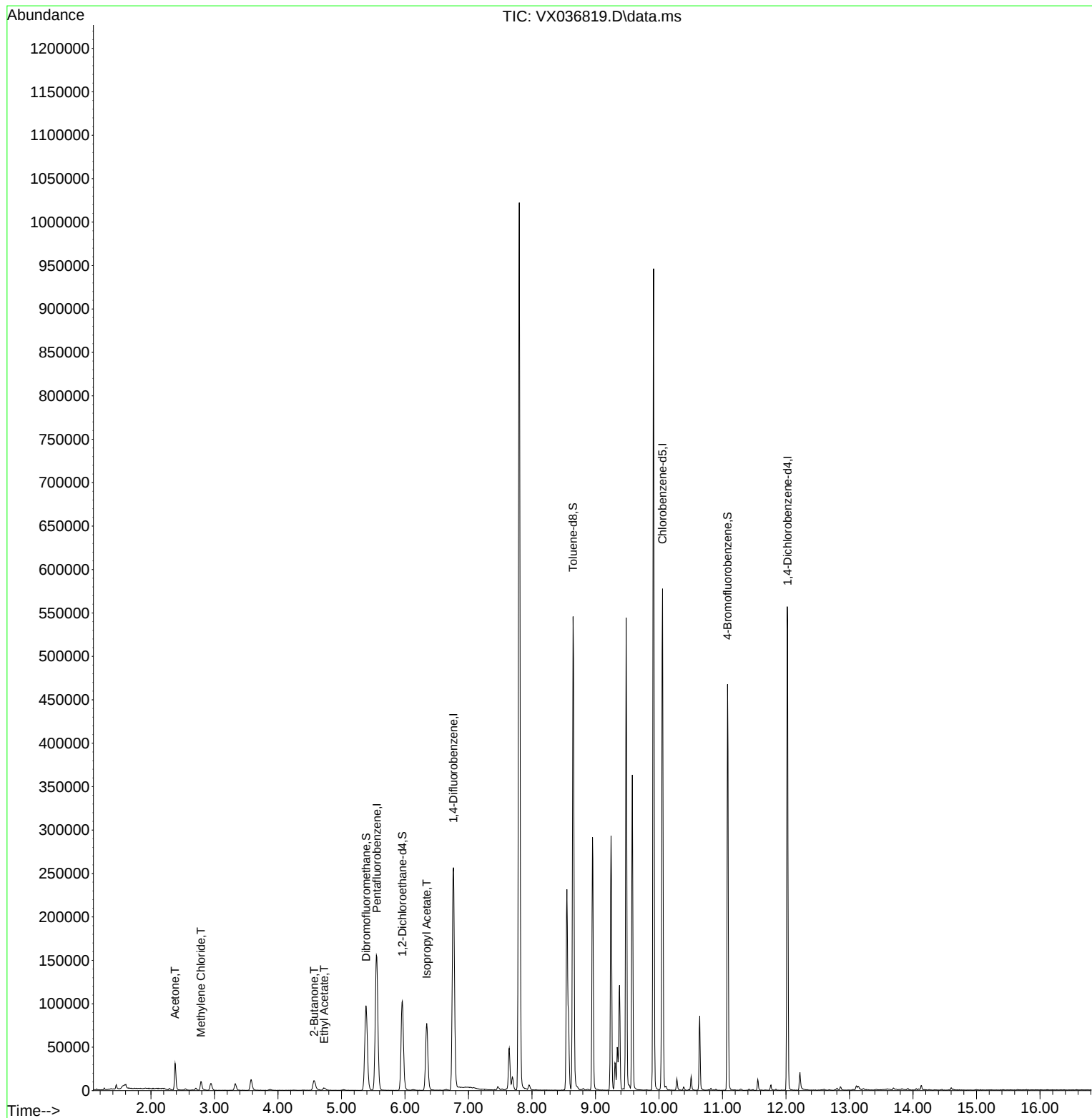
Internal Standards						
1) Pentafluorobenzene	5.556	168	147144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	268351	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	252645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	101097	46.434	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.860%
35) Dibromofluoromethane	5.385	113	86311	46.794	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.580%
50) Toluene-d8	8.647	98	320900	49.060	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.120%
62) 4-Bromofluorobenzene	11.079	95	122681	49.713	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.420%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	32084	35.512	ug/l #	89
20) Methylene Chloride	2.788	84	5456	2.715	ug/l	85
25) 2-Butanone	4.568	43	14836	10.121	ug/l	94
37) Ethyl Acetate	4.727	43	5392	1.733	ug/l	98
43) Isopropyl Acetate	6.342	43	107349	20.041	ug/l	96

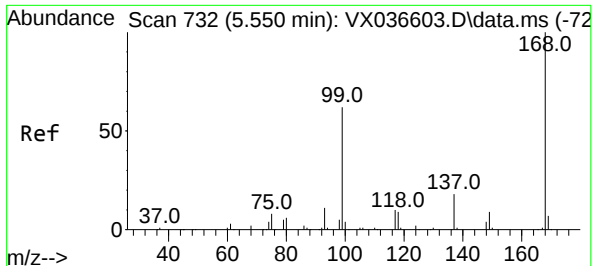
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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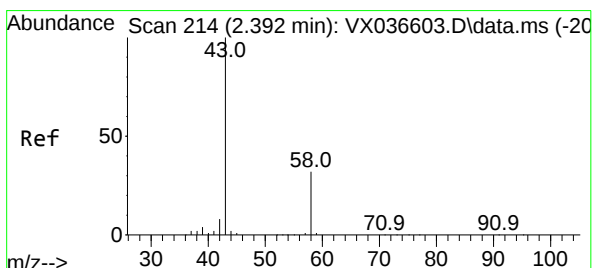
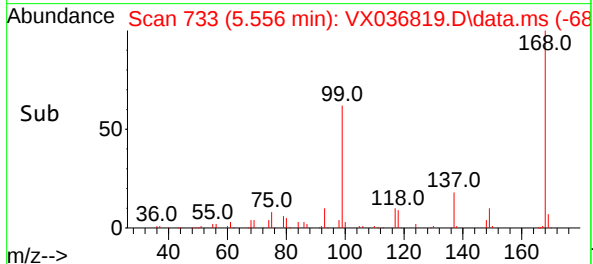
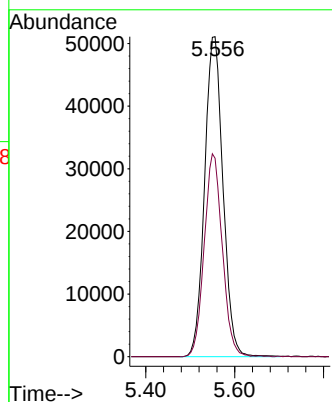
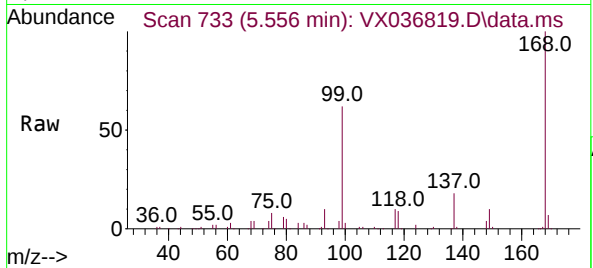




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036819.D
Acq: 04 Aug 2023 18:43

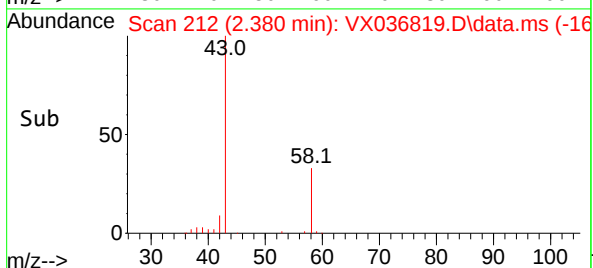
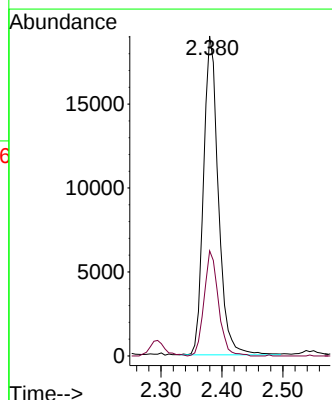
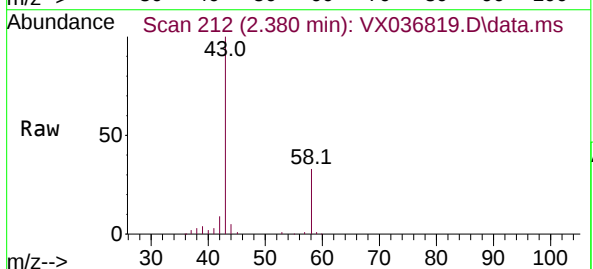
Instrument :
MSVOA_X
ClientSampleId :
MCLEAN-TP6

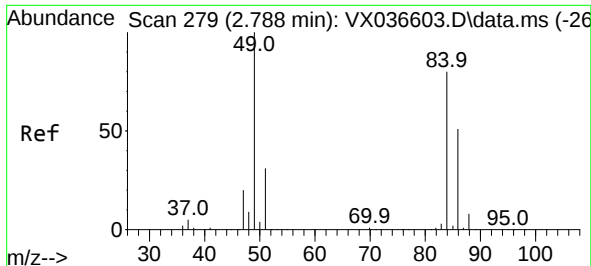
Tgt Ion:168 Resp: 147144
Ion Ratio Lower Upper
168 100
99 62.0 56.6 85.0



#16
Acetone
Concen: 35.512 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036819.D
Acq: 04 Aug 2023 18:43

Tgt Ion: 43 Resp: 32084
Ion Ratio Lower Upper
43 100
58 33.0 21.9 32.9#





#20

Methylene Chloride

Concen: 2.715 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX036819.D

Acq: 04 Aug 2023 18:43

Instrument :

MSVOA_X

ClientSampleId :

MCLEAN-TP6

Tgt Ion: 84 Resp: 5456

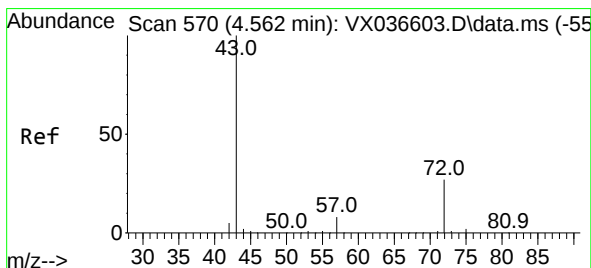
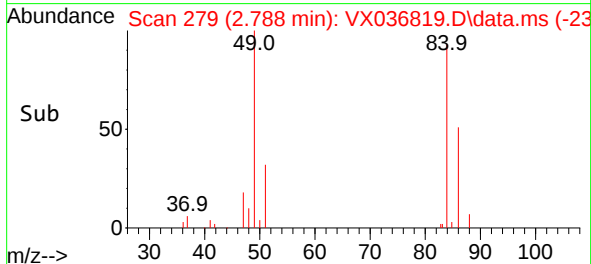
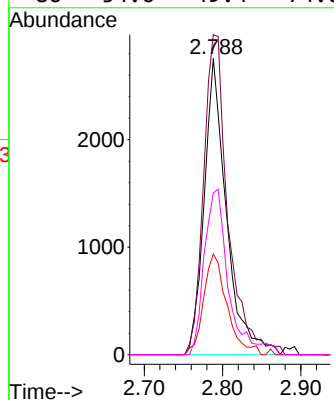
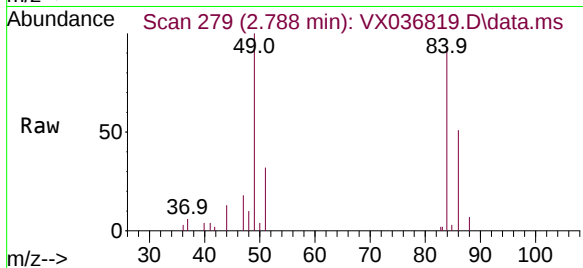
Ion Ratio Lower Upper

84 100

49 108.0 103.6 155.4

51 34.0 33.8 50.6

86 54.6 49.4 74.0



#25

2-Butanone

Concen: 10.121 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.006 min

Lab File: VX036819.D

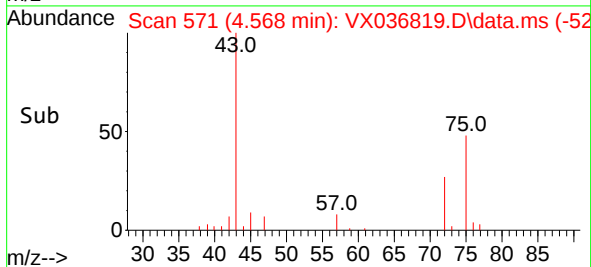
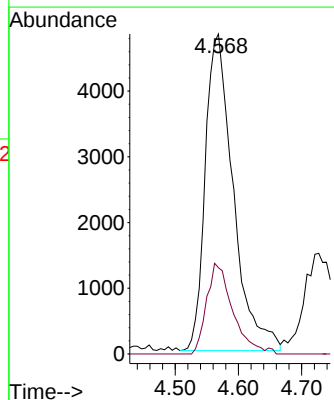
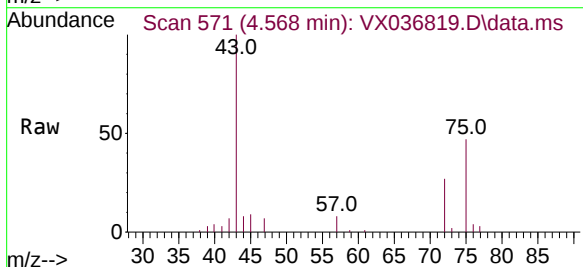
Acq: 04 Aug 2023 18:43

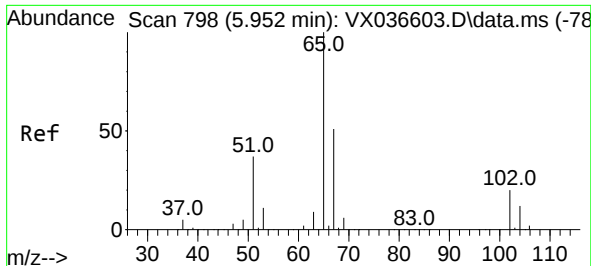
Tgt Ion: 43 Resp: 14836

Ion Ratio Lower Upper

43 100

72 27.2 19.4 29.2

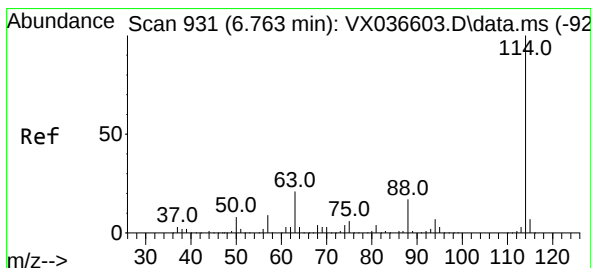
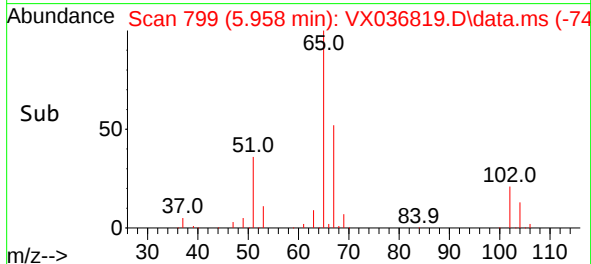
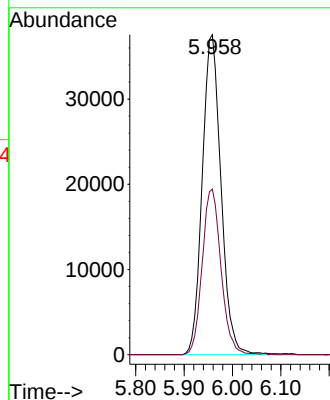
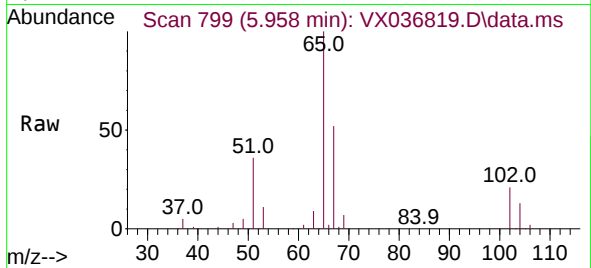




#33
 1,2-Dichloroethane-d4
 Concen: 46.434 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX036819.D
 Acq: 04 Aug 2023 18:43

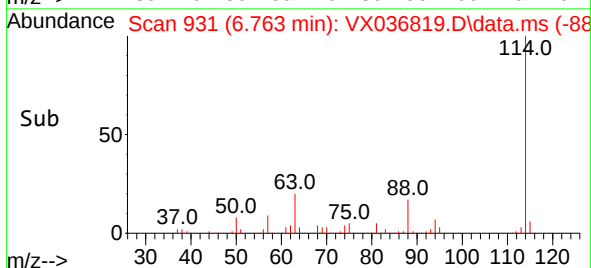
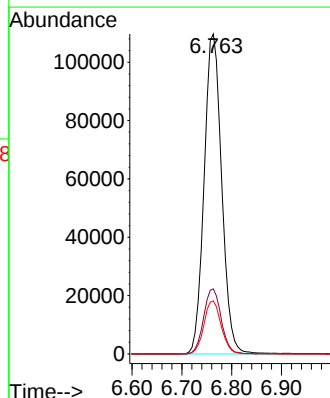
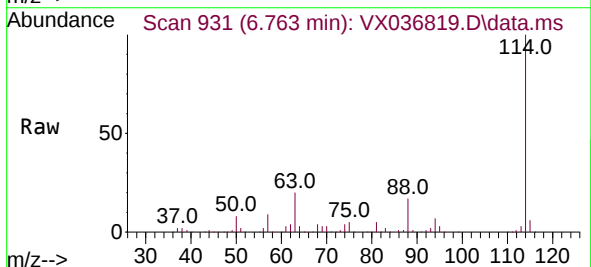
Instrument :
 MSVOA_X
 ClientSampleId :
 MCLEAN-TP6

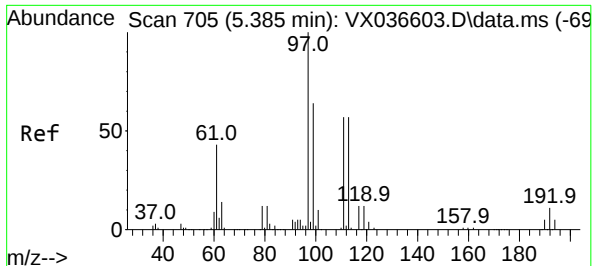
Tgt Ion: 65 Resp: 101097
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036819.D
 Acq: 04 Aug 2023 18:43

Tgt Ion: 114 Resp: 268351
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 45.0
 88 16.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.794 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036819.D

Acq: 04 Aug 2023 18:43

Instrument :

MSVOA_X

ClientSampleId :

MCLEAN-TP6

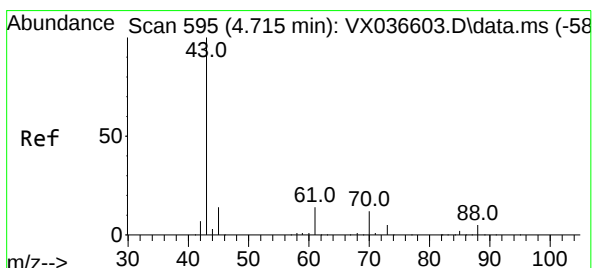
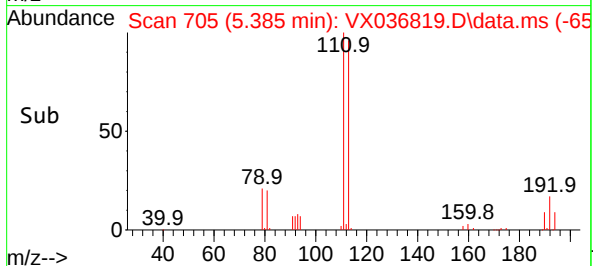
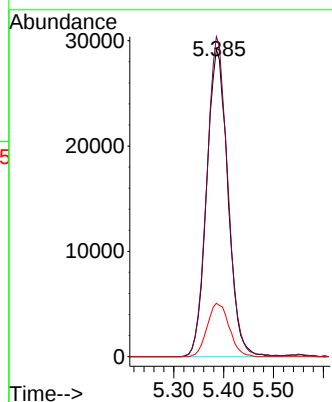
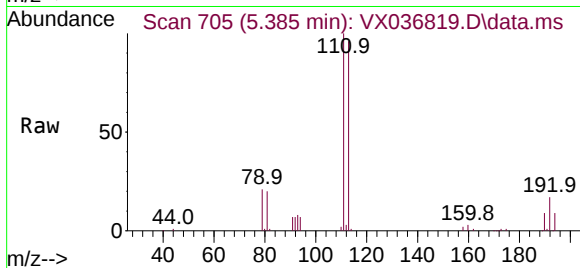
Tgt Ion:113 Resp: 86311

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

192 18.0 13.3 19.9



#37

Ethyl Acetate

Concen: 1.733 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.012 min

Lab File: VX036819.D

Acq: 04 Aug 2023 18:43

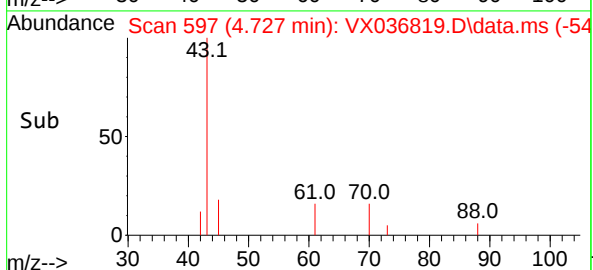
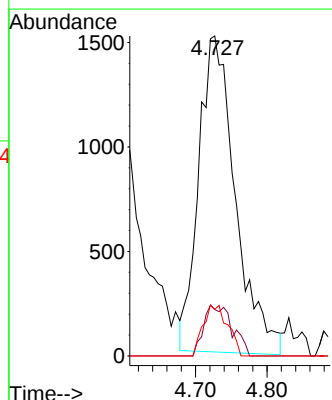
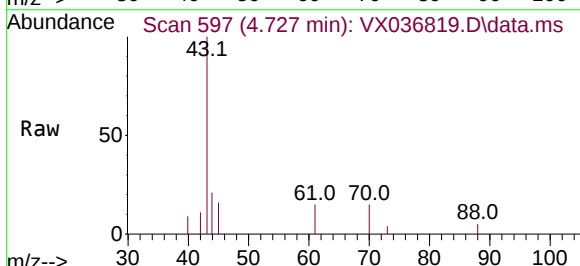
Tgt Ion: 43 Resp: 5392

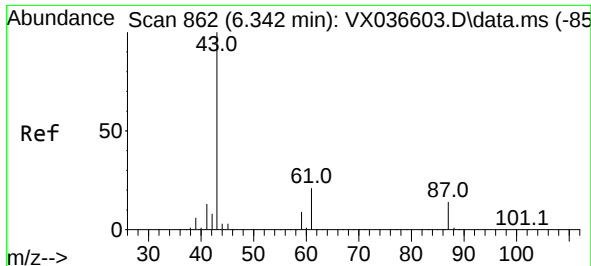
Ion Ratio Lower Upper

43 100

61 12.5 10.6 16.0

70 10.8 8.3 12.5

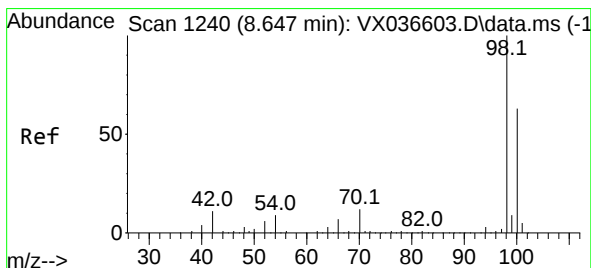
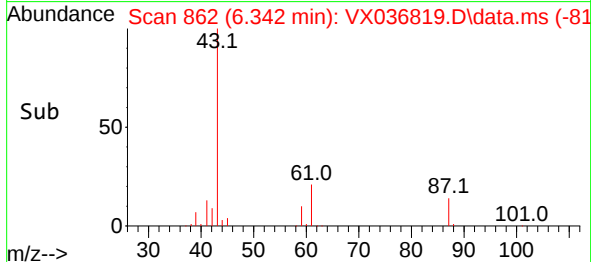
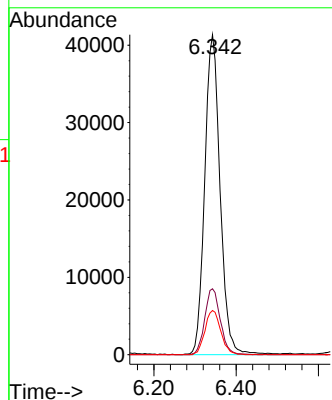
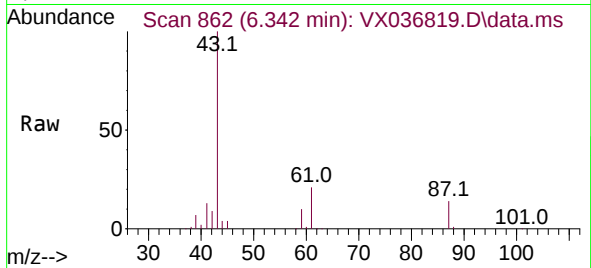




#43
Isopropyl Acetate
Concen: 20.041 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036819.D
Acq: 04 Aug 2023 18:43

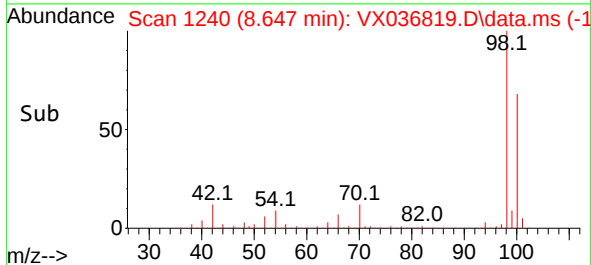
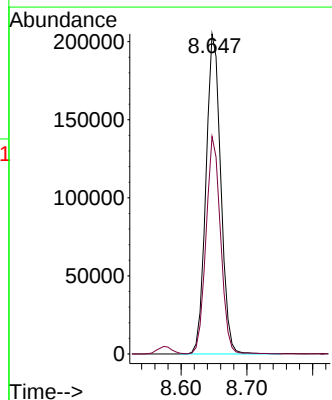
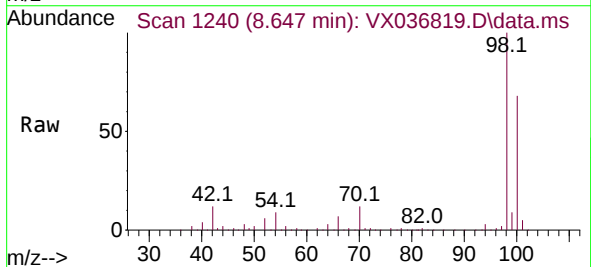
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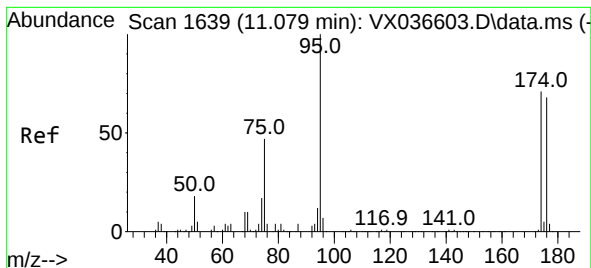
Tgt Ion: 43 Resp: 107349
Ion Ratio Lower Upper
43 100
61 20.8 15.2 22.8
87 14.2 9.8 14.6



#50
Toluene-d8
Concen: 49.060 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036819.D
Acq: 04 Aug 2023 18:43

Tgt Ion: 98 Resp: 320900
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7

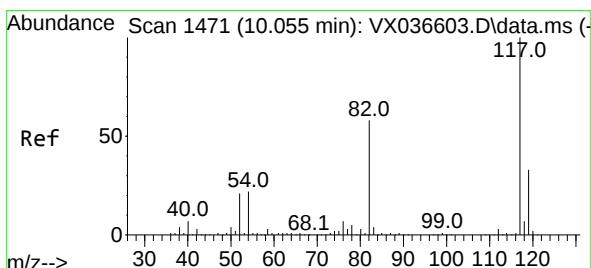
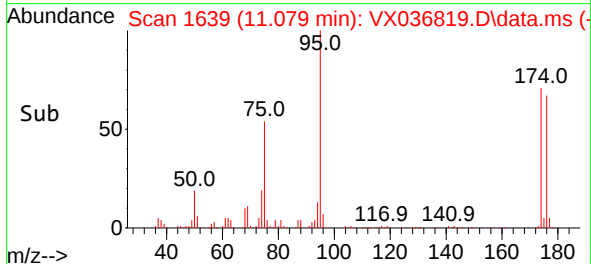
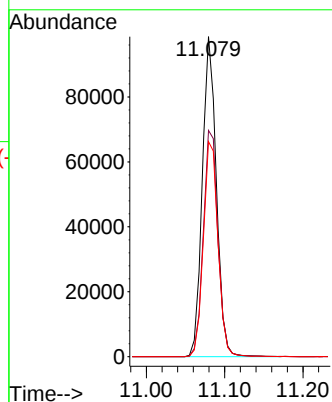
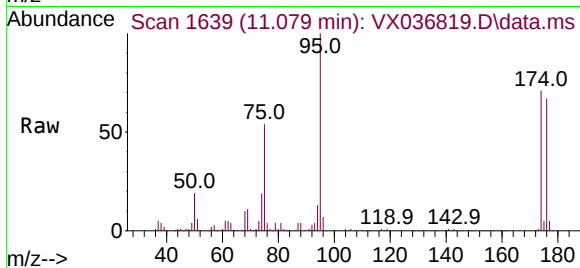




#62
4-Bromofluorobenzene
Concen: 49.713 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036819.D
Acq: 04 Aug 2023 18:43

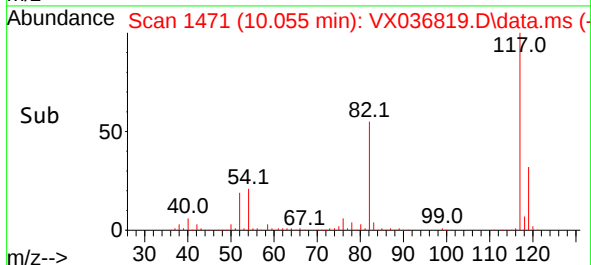
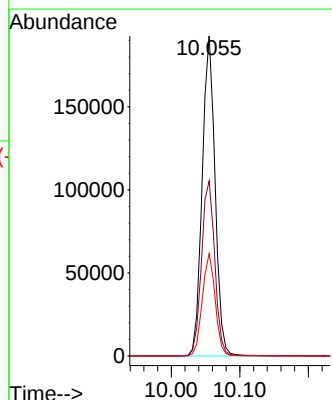
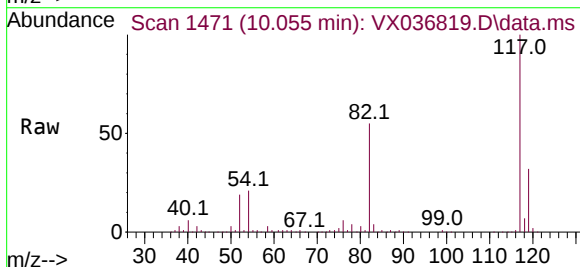
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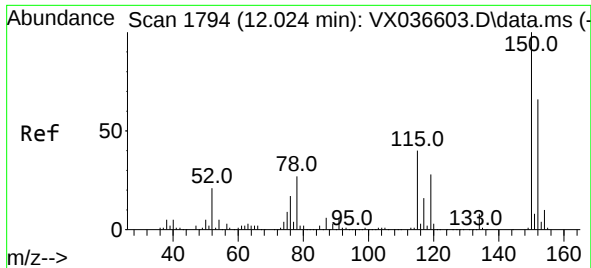
Tgt Ion: 95 Resp: 122681
Ion Ratio Lower Upper
95 100
174 73.5 0.0 135.6
176 70.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036819.D
Acq: 04 Aug 2023 18:43

Tgt Ion: 117 Resp: 252645
Ion Ratio Lower Upper
117 100
82 54.8 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# 11
 Delta R.T. 0.000 min
 Lab File: VX036819.D
 Acq: 04 Aug 2023 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 MCLEAN-TP6

Tgt Ion:152 Resp: 113675
 Ion Ratio Lower Upper
 152 100
 115 62.9 43.3 129.9
 150 157.7 0.0 345.0

