

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080423\
 Data File : VX036818.D
 Acq On : 04 Aug 2023 18:19
 Operator : JC/MD
 Sample : 03877-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-3

Quant Time: Aug 04 23:09:21 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)

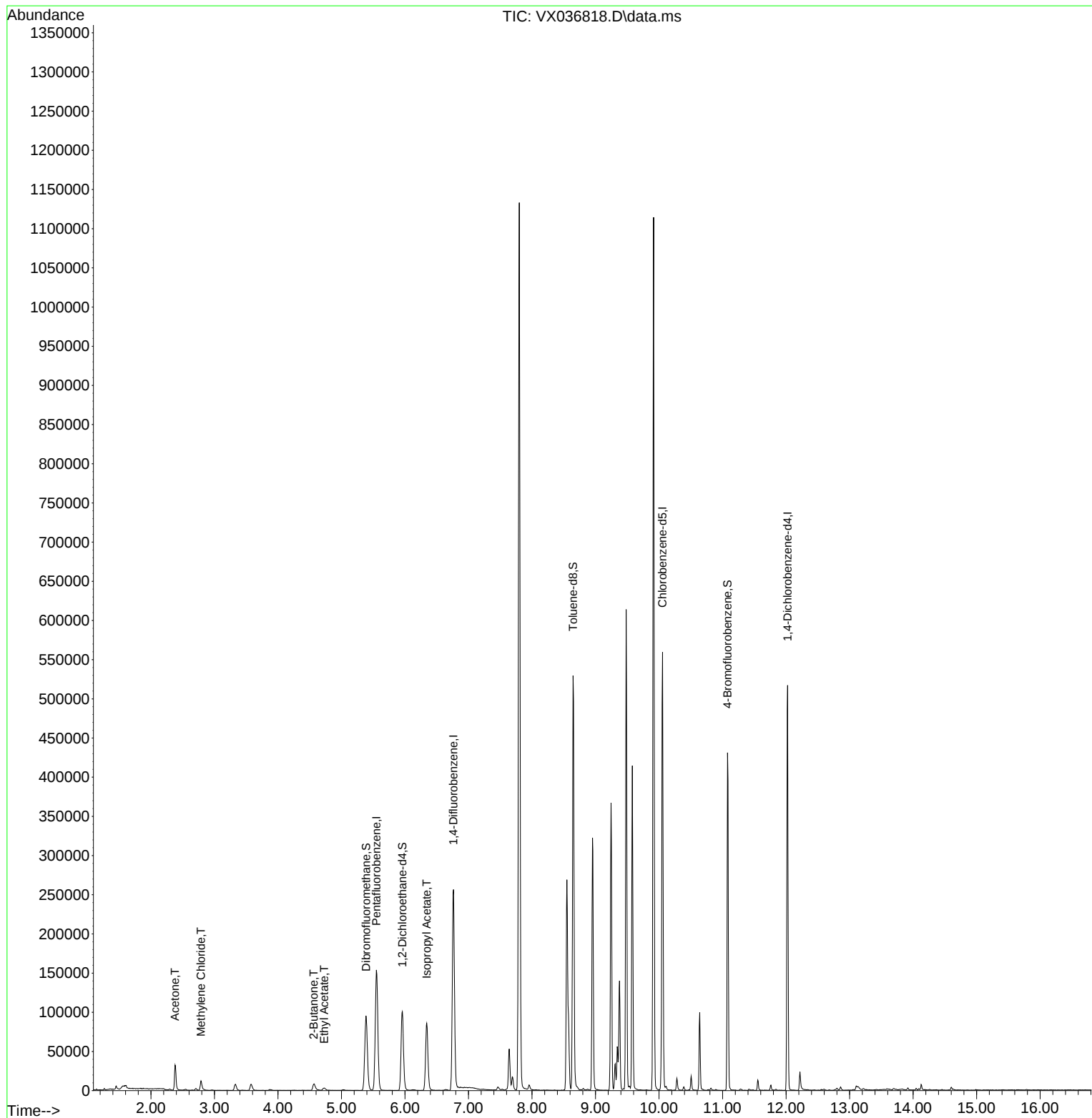
Internal Standards						
1) Pentafluorobenzene	5.549	168	142024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	261805	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99301	47.253	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.500%
35) Dibromofluoromethane	5.385	113	83984	46.671	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.340%
50) Toluene-d8	8.646	98	315082	49.375	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.740%
62) 4-Bromofluorobenzene	11.079	95	117633	48.859	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.720%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	34860	39.976	ug/l	91
20) Methylene Chloride	2.788	84	6185	3.189	ug/l	91
25) 2-Butanone	4.562	43	15487	10.946	ug/l	90
37) Ethyl Acetate	4.726	43	5186	1.708	ug/l	97
43) Isopropyl Acetate	6.342	43	120530	23.065	ug/l	96

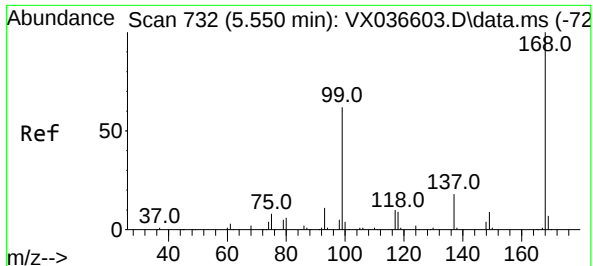
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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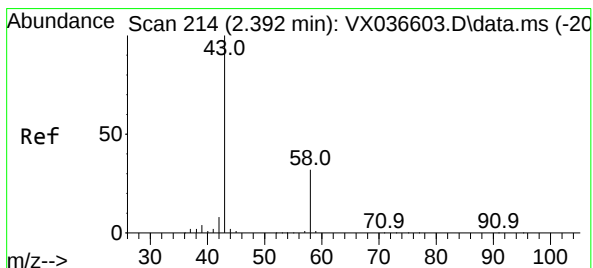
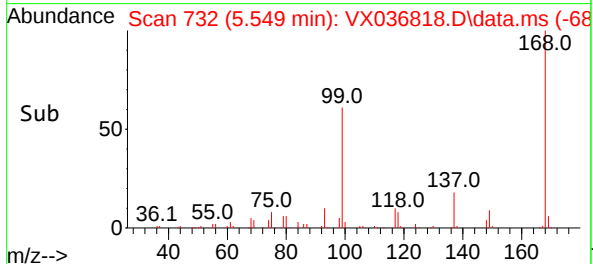
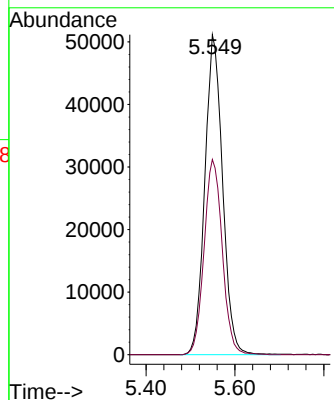
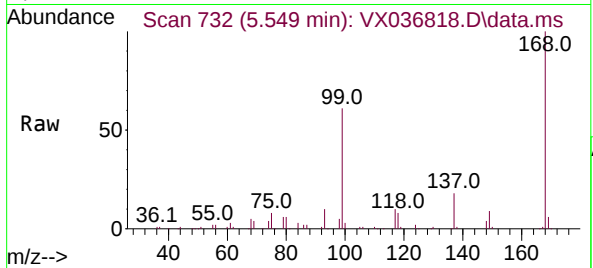




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX036818.D
Acq: 04 Aug 2023 18:19

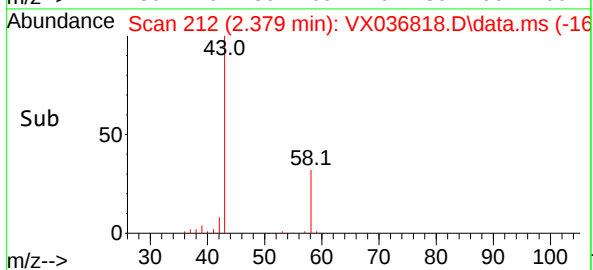
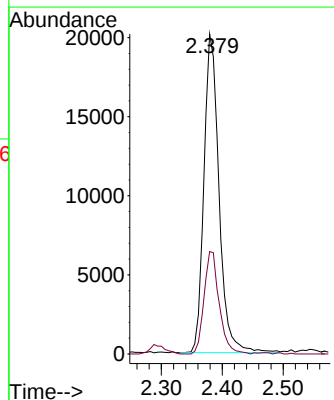
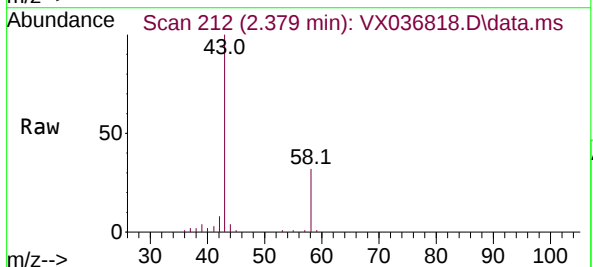
Instrument :
MSVOA_X
ClientSampleId :
COMP-3

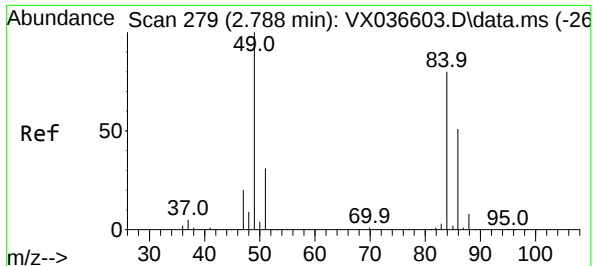
Tgt Ion:168 Resp: 142024
Ion Ratio Lower Upper
168 100
99 61.0 56.6 85.0



#16
Acetone
Concen: 39.976 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.013 min
Lab File: VX036818.D
Acq: 04 Aug 2023 18:19

Tgt Ion: 43 Resp: 34860
Ion Ratio Lower Upper
43 100
58 32.1 21.9 32.9





#20

Methylene Chloride

Concen: 3.189 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX036818.D

Acq: 04 Aug 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

COMP-3

Tgt Ion: 84 Resp: 6185

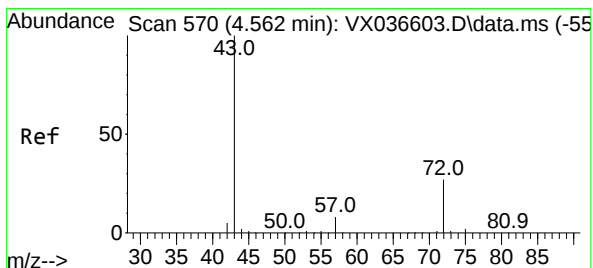
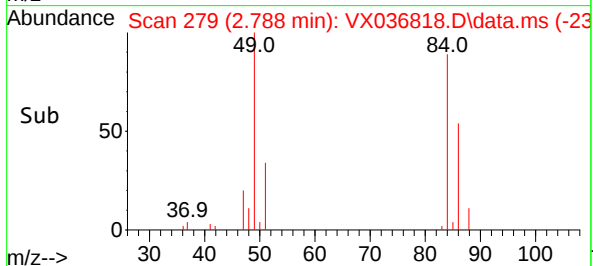
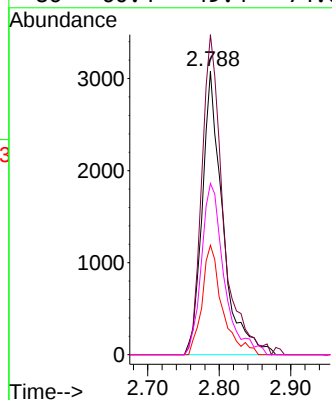
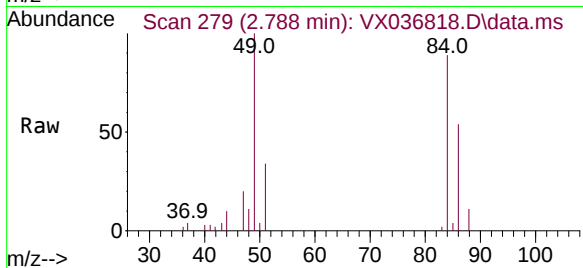
Ion Ratio Lower Upper

84 100

49 112.9 103.6 155.4

51 38.6 33.8 50.6

86 60.4 49.4 74.0



#25

2-Butanone

Concen: 10.946 ug/l

RT: 4.562 min Scan# 570

Delta R.T. -0.000 min

Lab File: VX036818.D

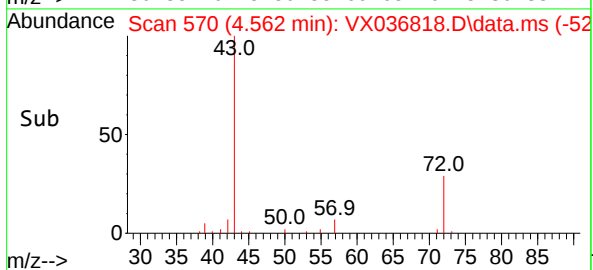
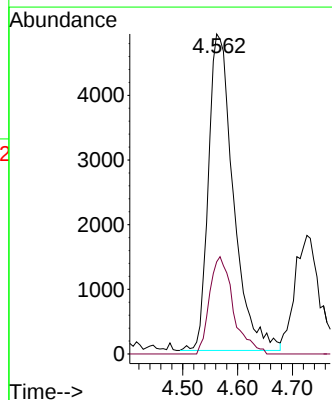
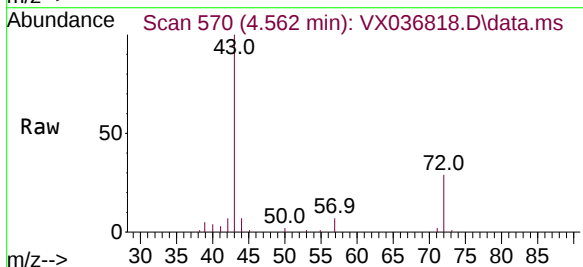
Acq: 04 Aug 2023 18:19

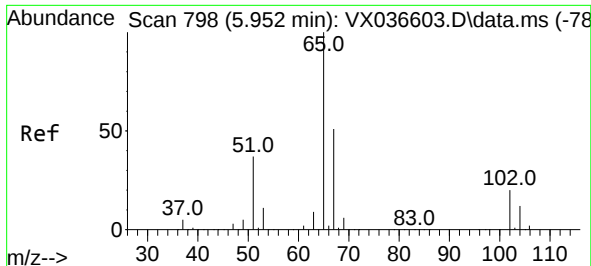
Tgt Ion: 43 Resp: 15487

Ion Ratio Lower Upper

43 100

72 29.1 19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 47.253 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036818.D

Acq: 04 Aug 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

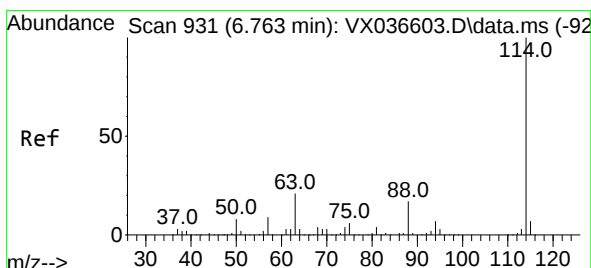
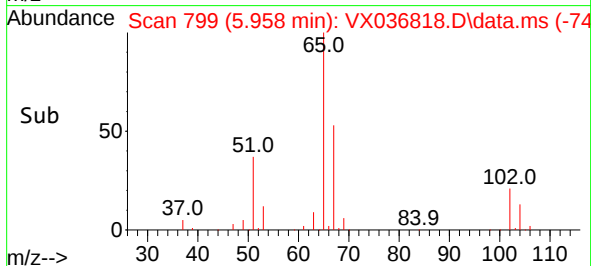
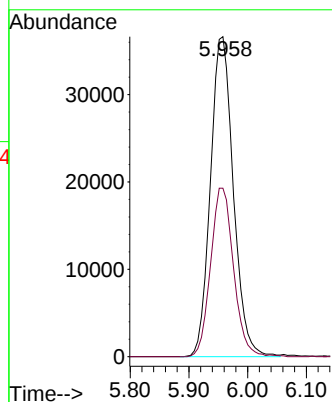
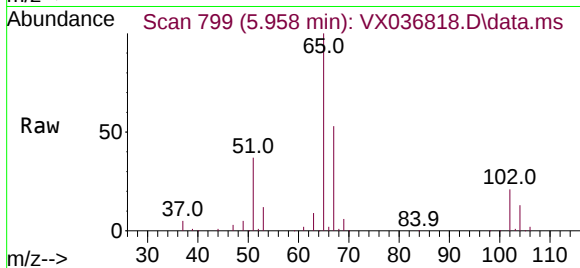
COMP-3

Tgt Ion: 65 Resp: 99301

Ion Ratio Lower Upper

65 100

67 52.8 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: VX036818.D

Acq: 04 Aug 2023 18:19

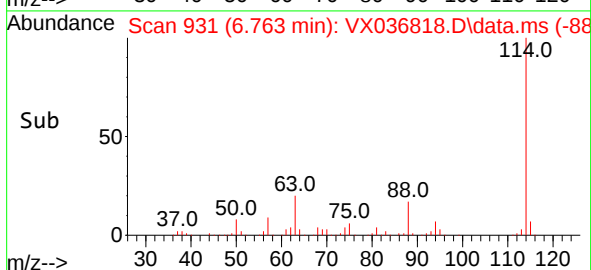
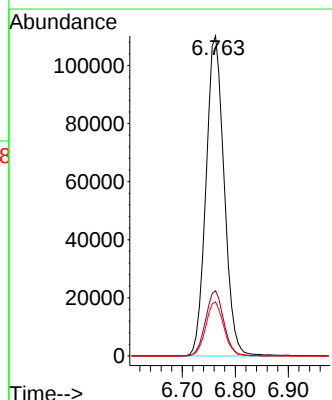
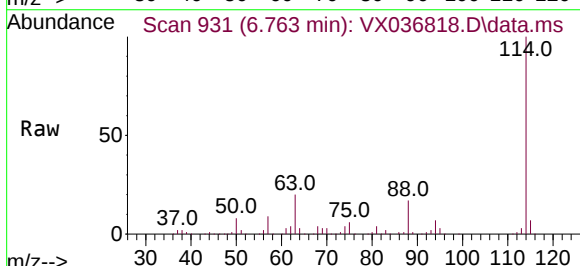
Tgt Ion: 114 Resp: 261805

Ion Ratio Lower Upper

114 100

63 20.4 0.0 45.0

88 16.9 0.0 36.6

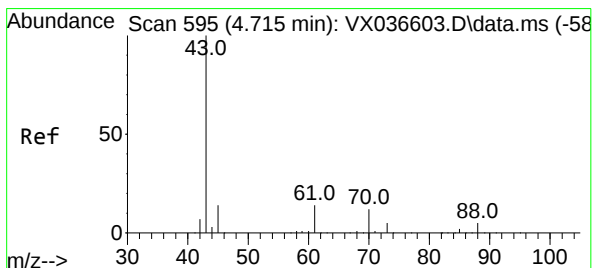
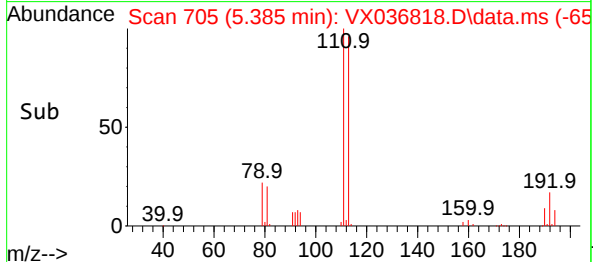
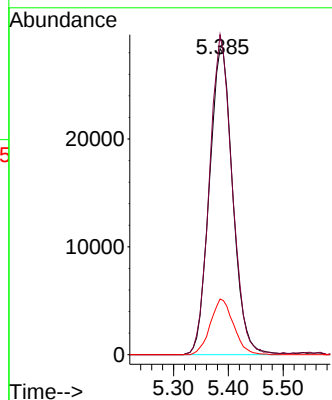
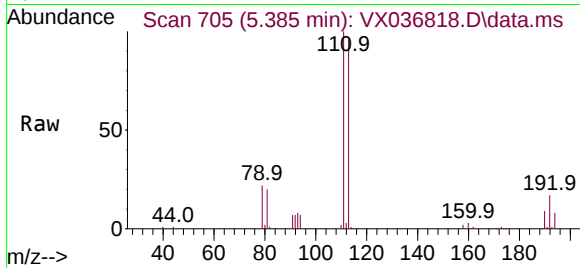




#35
Dibromofluoromethane
Concen: 46.671 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036818.D
Acq: 04 Aug 2023 18:19

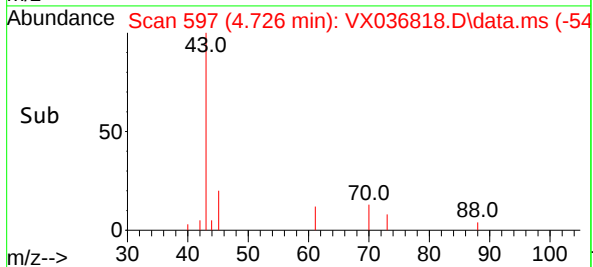
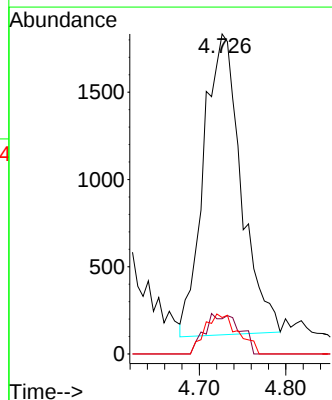
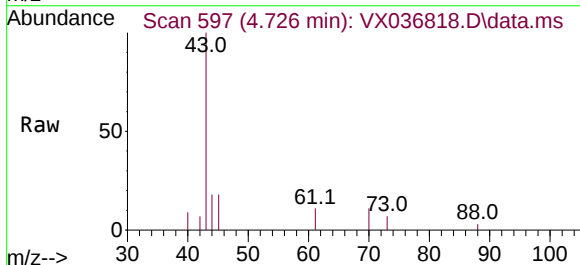
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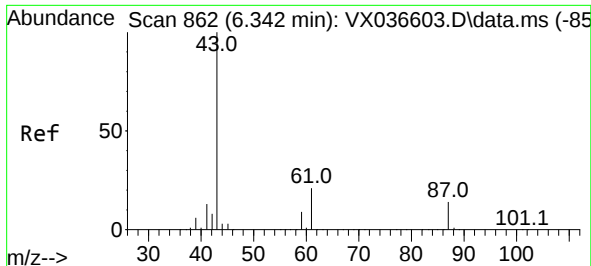
Tgt Ion:113 Resp: 83984
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 18.0 13.3 19.9



#37
Ethyl Acetate
Concen: 1.708 ug/l
RT: 4.726 min Scan# 597
Delta R.T. 0.012 min
Lab File: VX036818.D
Acq: 04 Aug 2023 18:19

Tgt Ion: 43 Resp: 5186
Ion Ratio Lower Upper
43 100
61 12.5 10.6 16.0
70 11.8 8.3 12.5

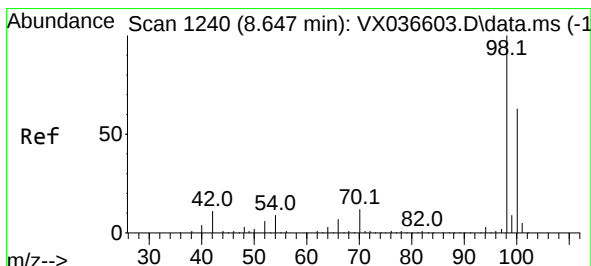
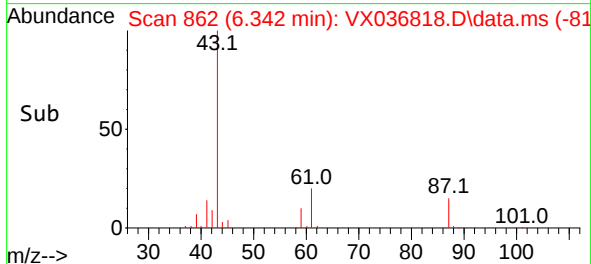
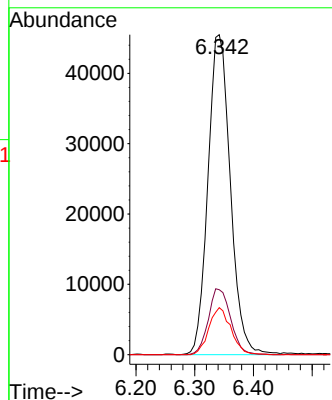
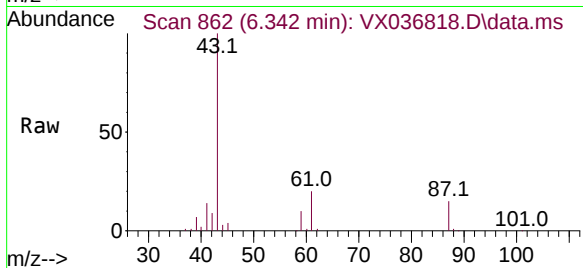




#43
Isopropyl Acetate
Concen: 23.065 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX036818.D
Acq: 04 Aug 2023 18:19

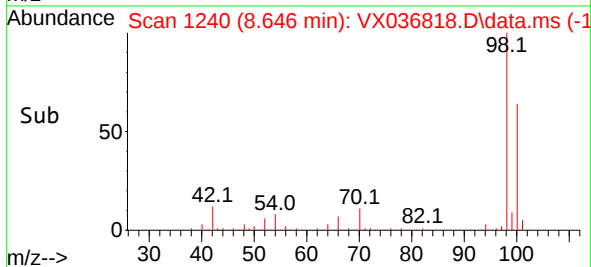
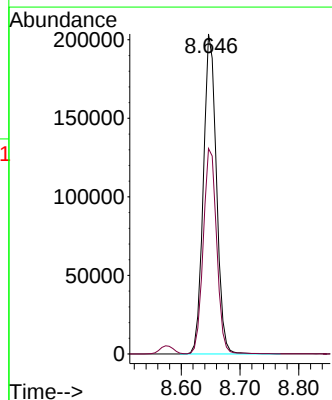
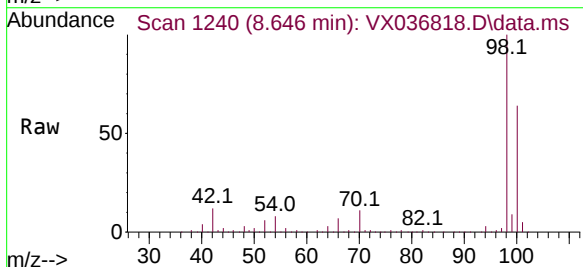
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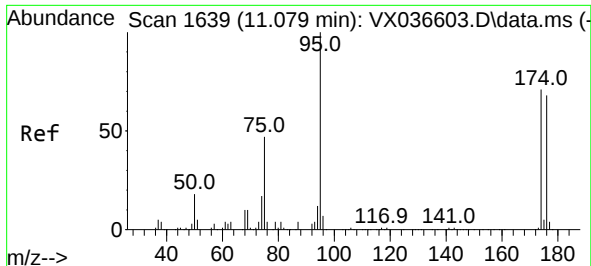
Tgt Ion: 43 Resp: 120530
Ion Ratio Lower Upper
43 100
61 20.5 15.2 22.8
87 14.4 9.8 14.6



#50
Toluene-d8
Concen: 49.375 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036818.D
Acq: 04 Aug 2023 18:19

Tgt Ion: 98 Resp: 315082
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7

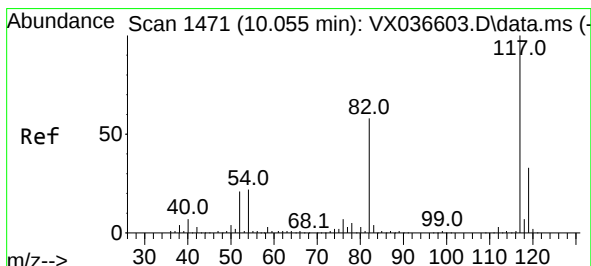
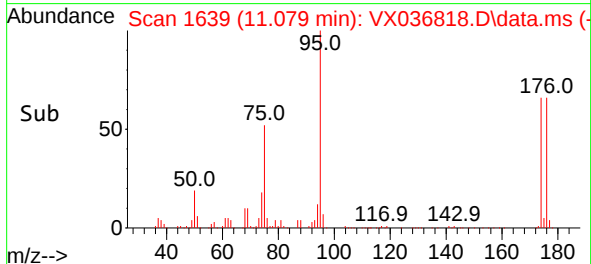
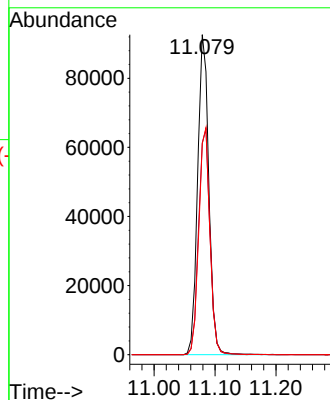
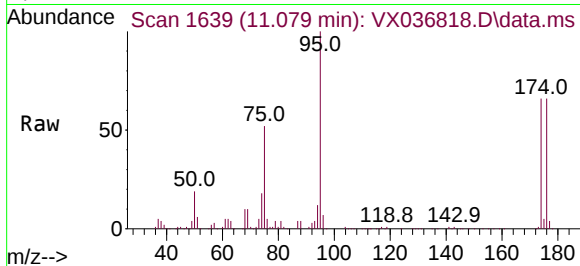




#62
4-Bromofluorobenzene
Concen: 48.859 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036818.D
Acq: 04 Aug 2023 18:19

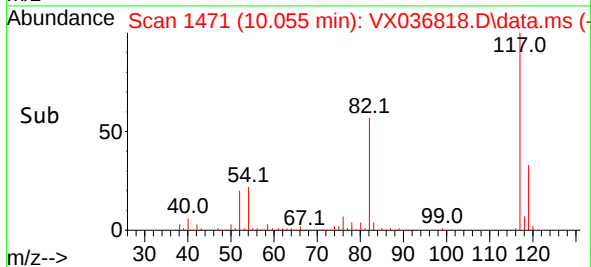
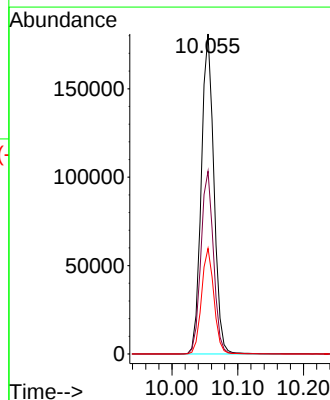
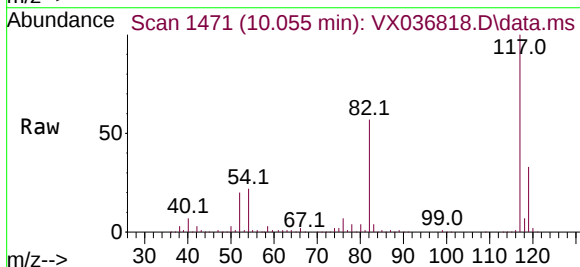
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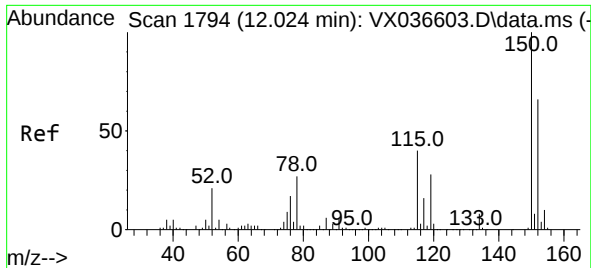
Tgt Ion: 95 Resp: 117633
Ion Ratio Lower Upper
95 100
174 72.0 0.0 135.6
176 70.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036818.D
Acq: 04 Aug 2023 18:19

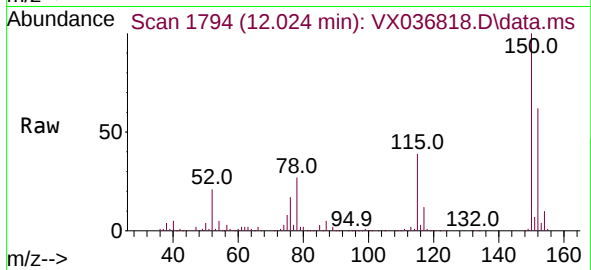
Tgt Ion: 117 Resp: 241145
Ion Ratio Lower Upper
117 100
82 57.1 46.2 69.4
119 33.0 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036818.D
 Acq: 04 Aug 2023 18:19

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:152 Resp: 103777
 Ion Ratio Lower Upper
 152 100
 115 63.3 43.3 129.9
 150 159.6 0.0 345.0

