

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090723\
 Data File : VX037589.D
 Acq On : 07 Sep 2023 19:32
 Operator : JC/MD
 Sample : 04305-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-9-5-23-EPH

Quant Time: Sep 08 00:49:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

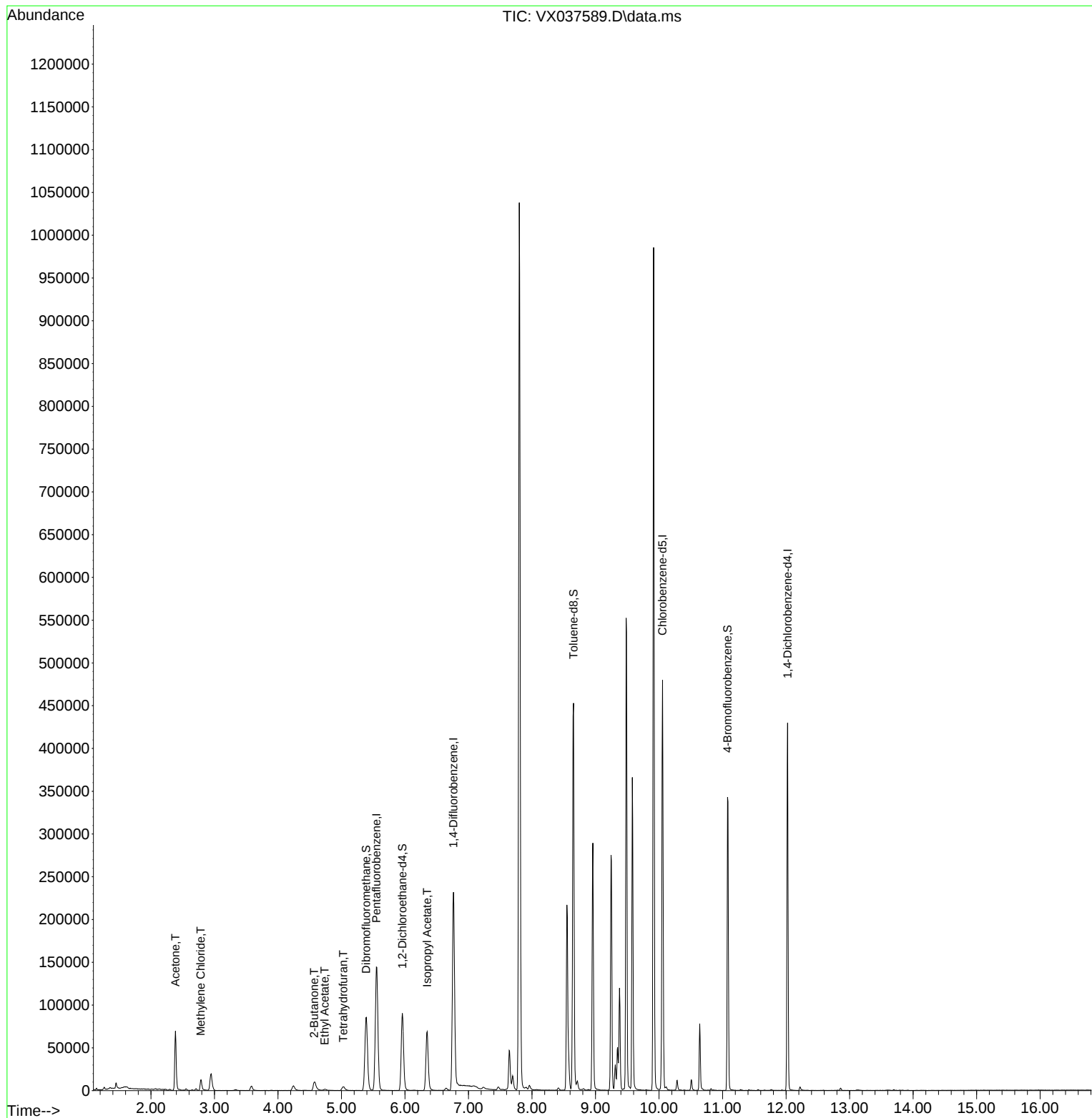
Internal Standards						
1) Pentafluorobenzene	5.550	168	141109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	243160	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87285	42.906	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	85.820%	
35) Dibromofluoromethane	5.385	113	79148	49.148	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	98.300%	
50) Toluene-d8	8.653	98	285231	48.828	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	97.660%	
62) 4-Bromofluorobenzene	11.079	95	103189	44.950	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	89.900%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	71168	89.424	ug/l #	85
20) Methylene Chloride	2.782	84	7170	4.029	ug/l #	86
25) 2-Butanone	4.568	43	17013	14.197	ug/l	92
29) Tetrahydrofuran	5.025	42	4377	5.728	ug/l #	84
37) Ethyl Acetate	4.733	43	3678	1.574	ug/l #	90
43) Isopropyl Acetate	6.348	43	92308	24.878	ug/l #	90

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

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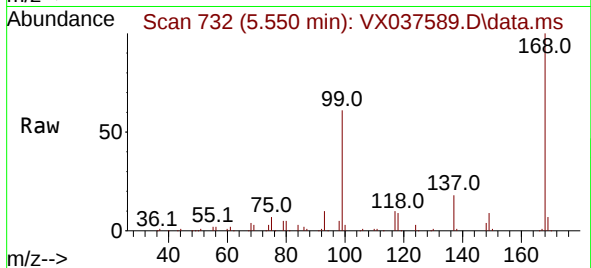
Quant Time: Sep 08 00:49:44 2023
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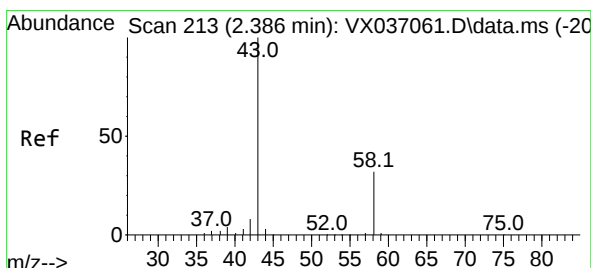
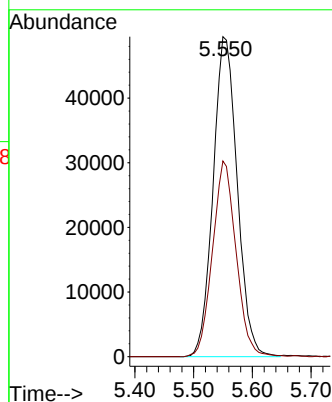
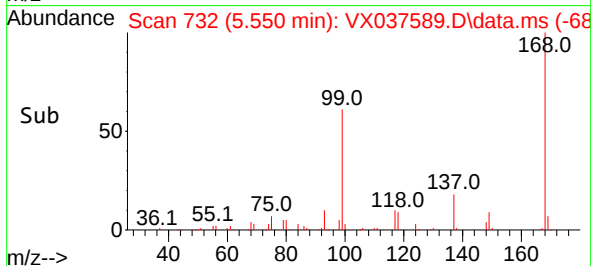


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037589.D
Acq: 07 Sep 2023 19:32

Instrument :
MSVOA_X
ClientSampleId :
TP-9-5-23-EPH

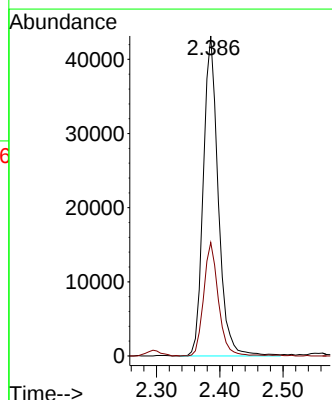
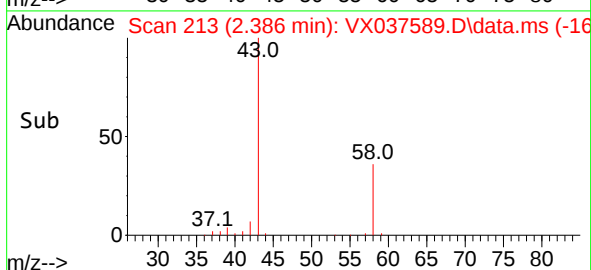
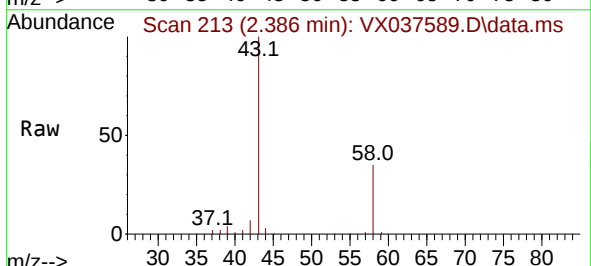


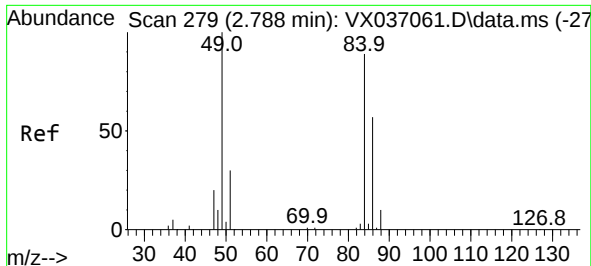
Tgt Ion:168 Resp: 141109
Ion Ratio Lower Upper
168 100
99 61.2 56.6 85.0



#16
Acetone
Concen: 89.424 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037589.D
Acq: 07 Sep 2023 19:32

Tgt Ion: 43 Resp: 71168
Ion Ratio Lower Upper
43 100
58 35.5 21.9 32.9#

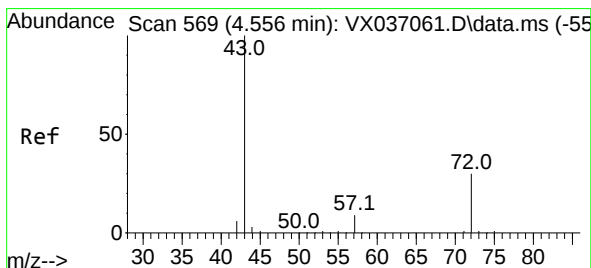
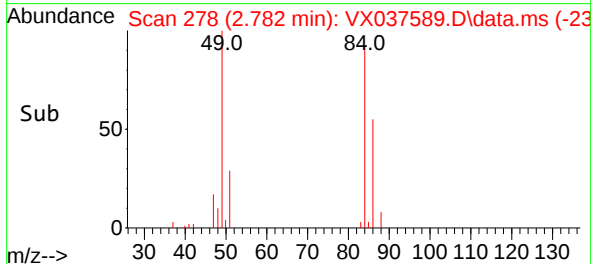
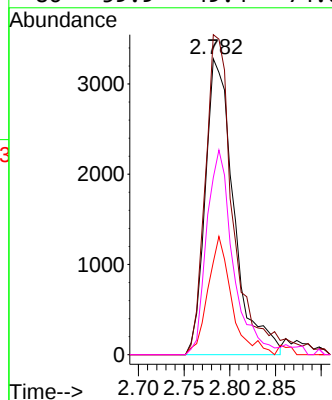
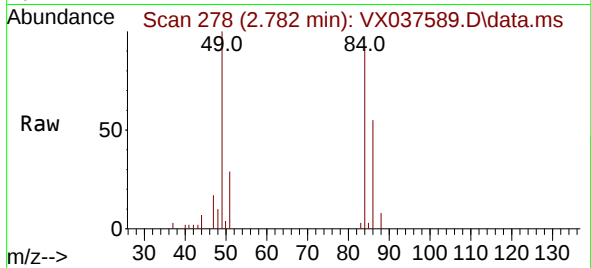




#20
Methylene Chloride
Concen: 4.029 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX037589.D
Acq: 07 Sep 2023 19:32

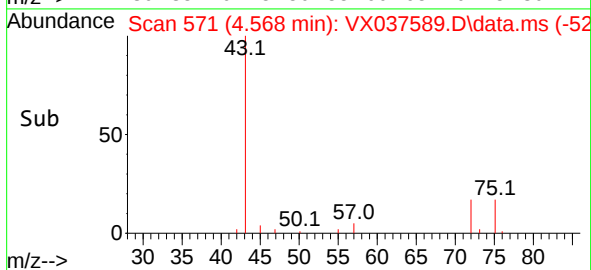
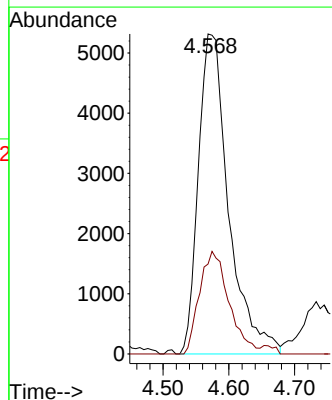
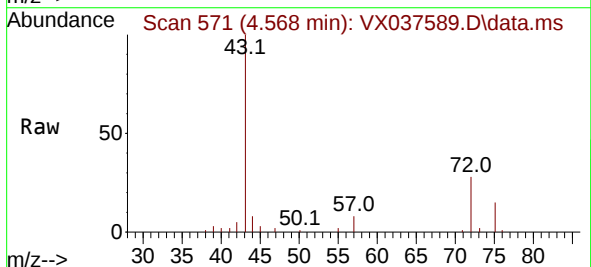
Instrument :
MSVOA_X
ClientSampleId :
TP-9-5-23-EPH

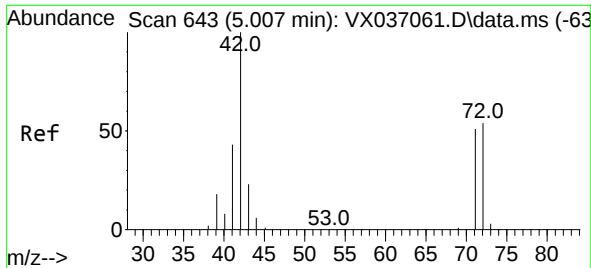
Tgt Ion:	84	Resp:	7170
Ion	Ratio	Lower	Upper
84	100		
49	108.2	103.6	155.4
51	31.3	33.8	50.6#
86	59.9	49.4	74.0



#25
2-Butanone
Concen: 14.197 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX037589.D
Acq: 07 Sep 2023 19:32

Tgt Ion:	43	Resp:	17013
Ion	Ratio	Lower	Upper
43	100		
72	28.1	19.4	29.2





#29

Tetrahydrofuran

Concen: 5.728 ug/l

RT: 5.025 min Scan# 643

Delta R.T. 0.018 min

Lab File: VX037589.D

Acq: 07 Sep 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

TP-9-5-23-EPH

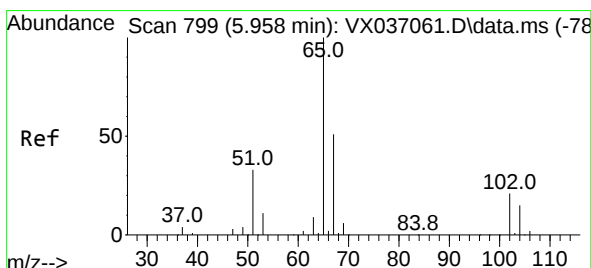
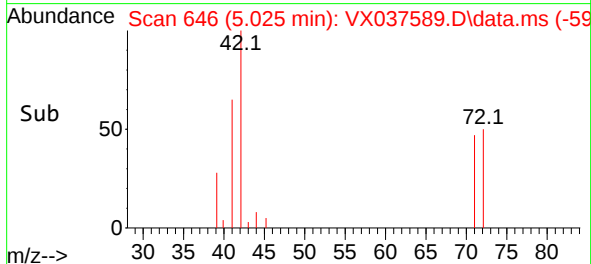
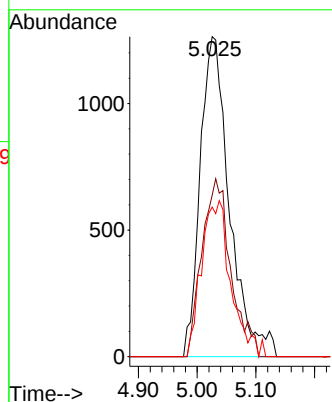
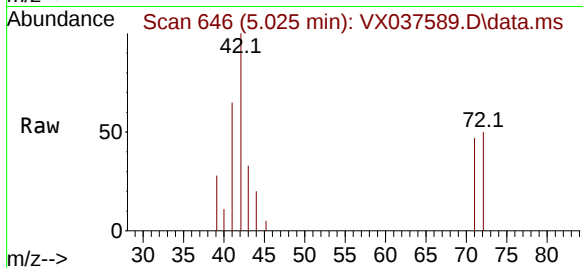
Tgt Ion: 42 Resp: 4377

Ion Ratio Lower Upper

42 100

72 54.9 34.2 51.4#

71 48.7 32.2 48.2#



#33

1,2-Dichloroethane-d4

Concen: 42.906 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037589.D

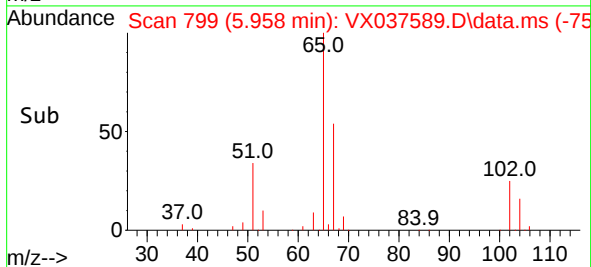
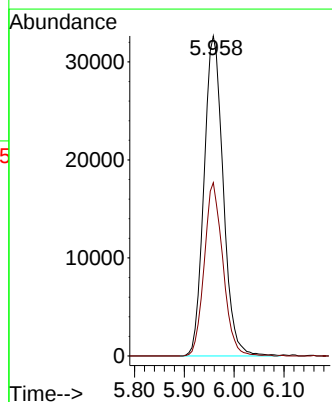
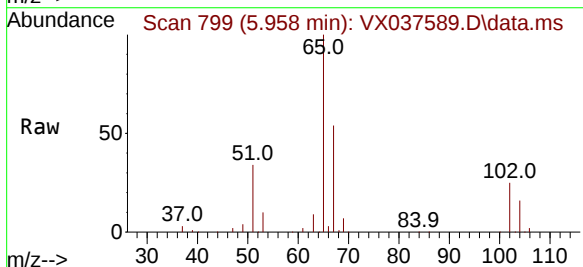
Acq: 07 Sep 2023 19:32

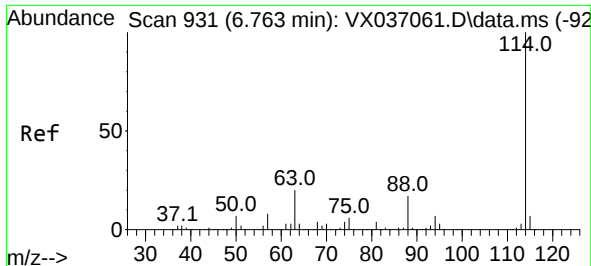
Tgt Ion: 65 Resp: 87285

Ion Ratio Lower Upper

65 100

67 52.7 0.0 100.2

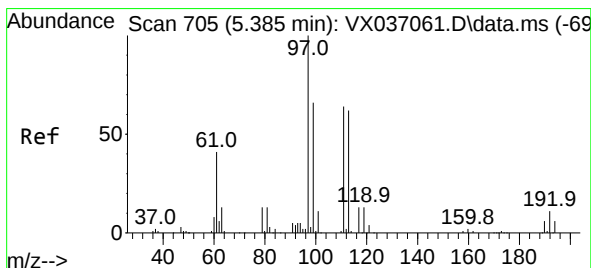
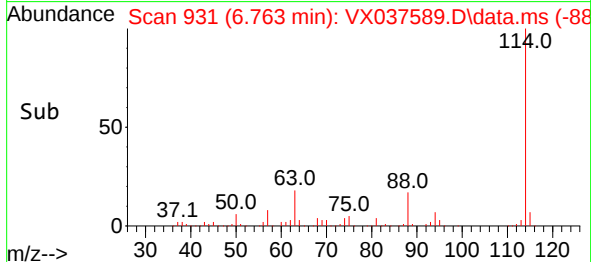
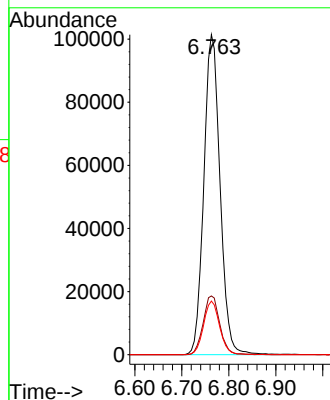
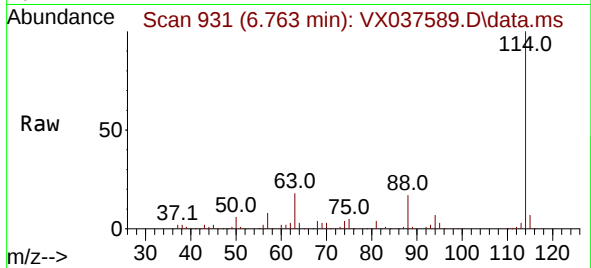




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037589.D
Acq: 07 Sep 2023 19:32

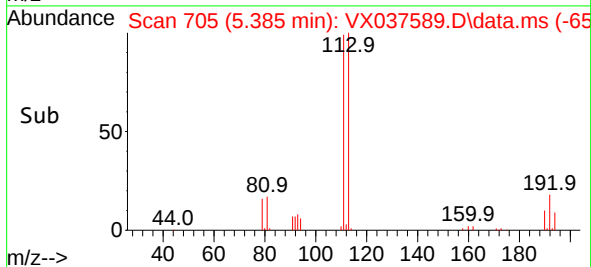
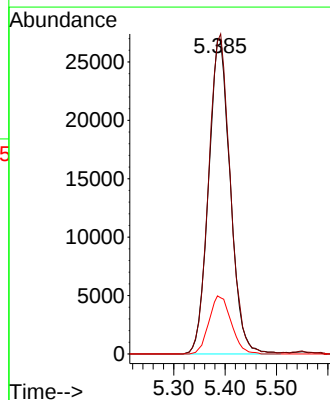
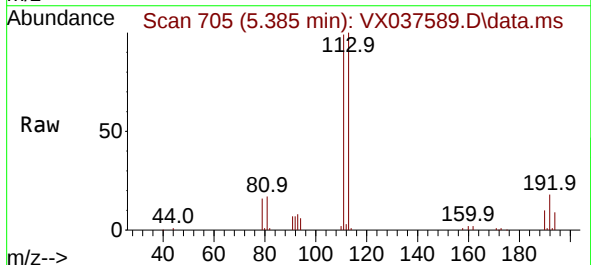
Instrument :
MSVOA_X
ClientSampleId :
TP-9-5-23-EPH

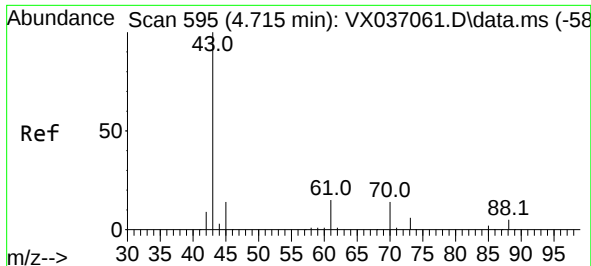
Tgt Ion:114 Resp: 243160
Ion Ratio Lower Upper
114 100
63 18.4 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.148 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037589.D
Acq: 07 Sep 2023 19:32

Tgt Ion:113 Resp: 79148
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 18.8 13.3 19.9





#37

Ethyl Acetate

Concen: 1.574 ug/l

RT: 4.733 min Scan# 598

Delta R.T. 0.018 min

Lab File: VX037589.D

Acq: 07 Sep 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

TP-9-5-23-EPH

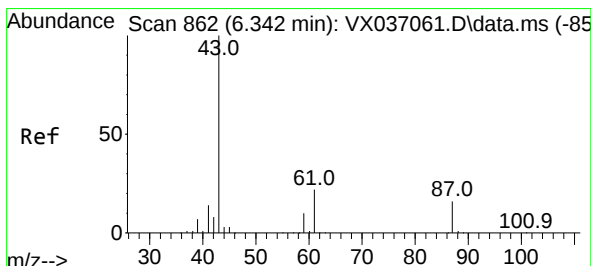
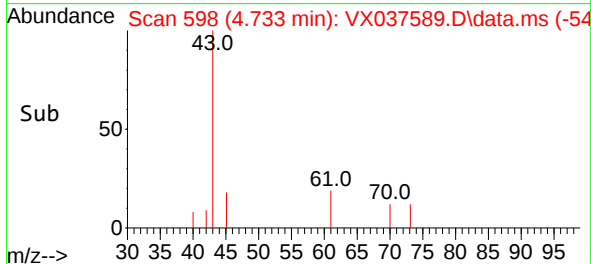
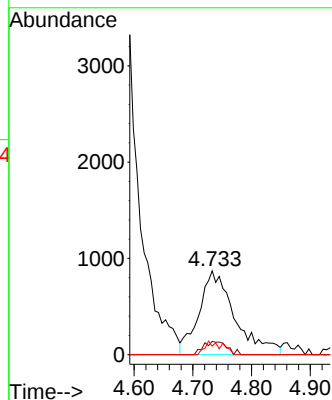
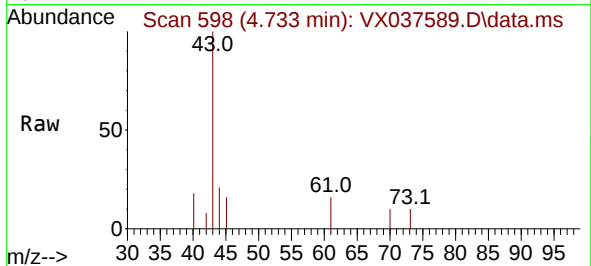
Tgt Ion: 43 Resp: 3678

Ion Ratio Lower Upper

43 100

61 10.3 10.6 16.0#

70 5.3 8.3 12.5#



#43

Isopropyl Acetate

Concen: 24.878 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX037589.D

Acq: 07 Sep 2023 19:32

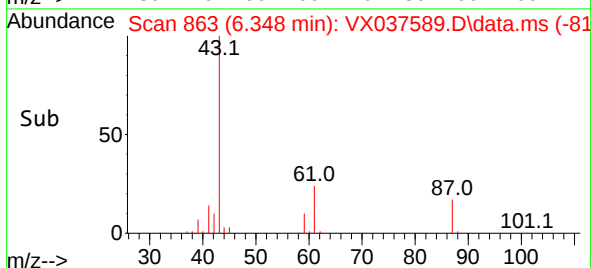
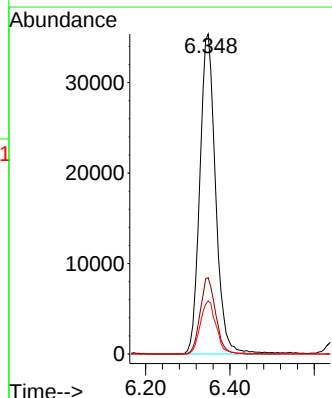
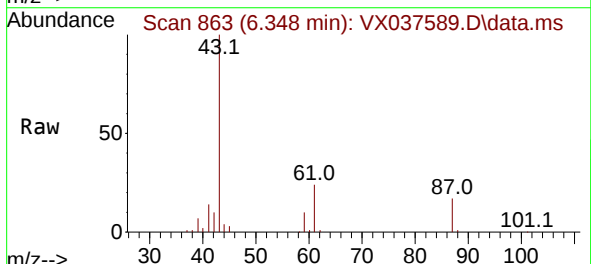
Tgt Ion: 43 Resp: 92308

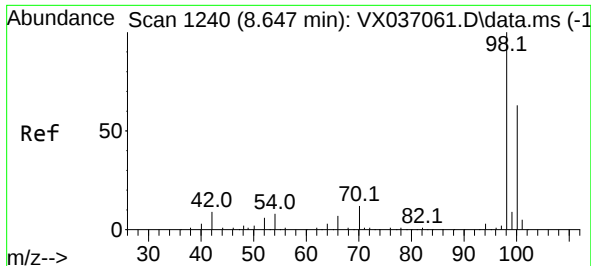
Ion Ratio Lower Upper

43 100

61 23.2 15.2 22.8#

87 16.5 9.8 14.6#

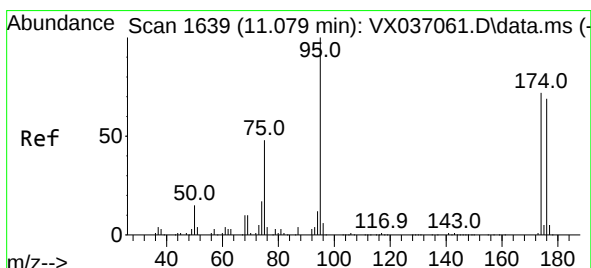
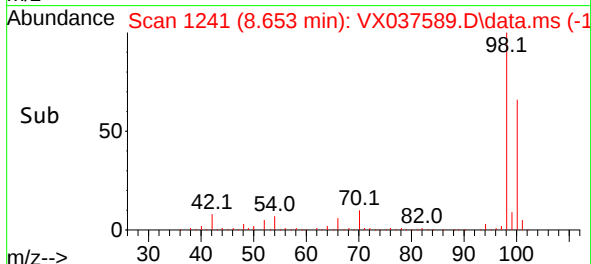
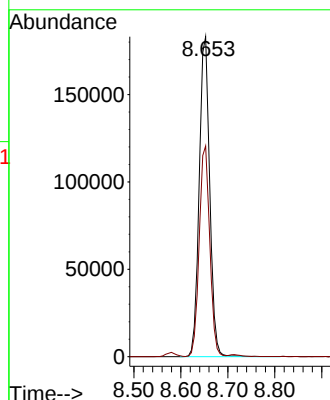
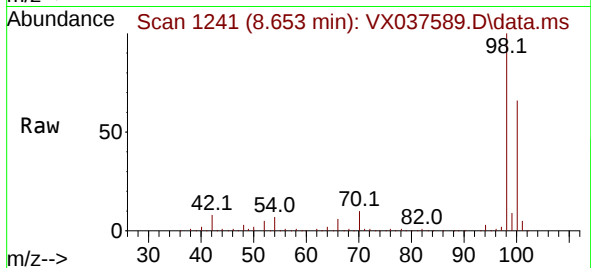




#50
Toluene-d8
Concen: 48.828 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037589.D
Acq: 07 Sep 2023 19:32

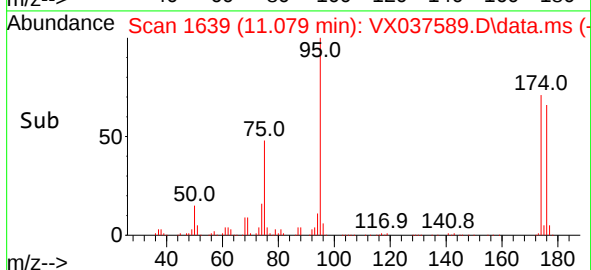
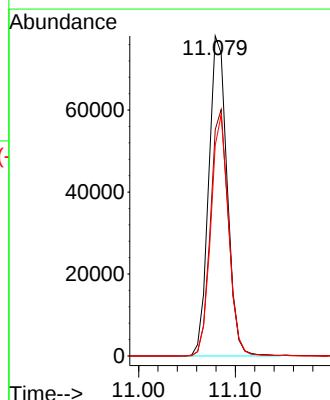
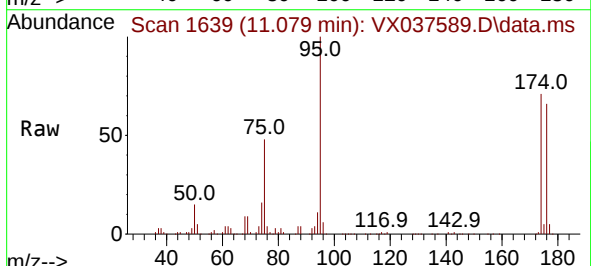
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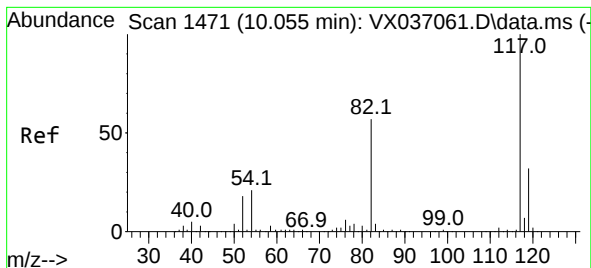
Tgt Ion: 98 Resp: 285231
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.950 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037589.D
Acq: 07 Sep 2023 19:32

Tgt Ion: 95 Resp: 103189
Ion Ratio Lower Upper
95 100
174 75.7 0.0 135.6
176 72.7 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: VX037589.D

Acq: 07 Sep 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

TP-9-5-23-EPH

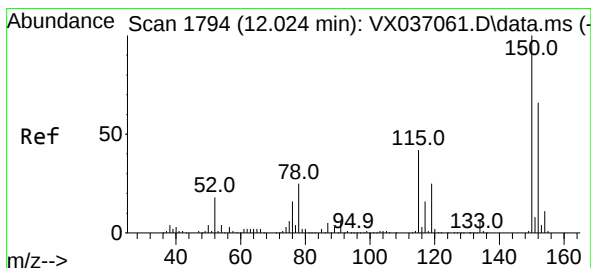
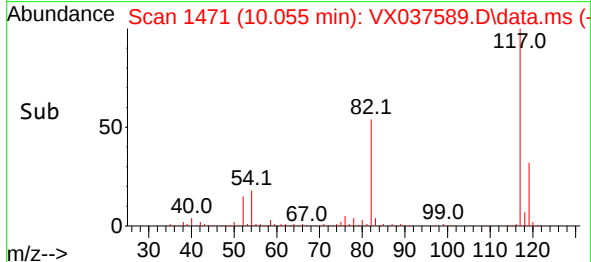
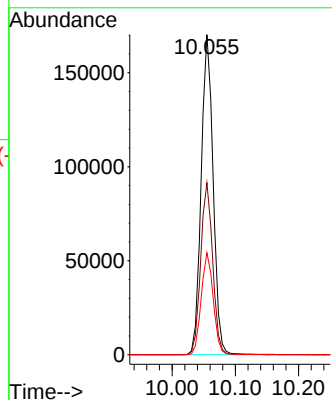
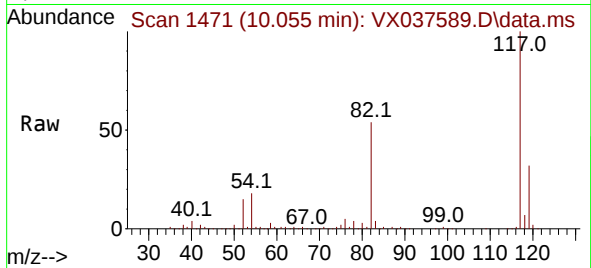
Tgt Ion:117 Resp: 224243

Ion Ratio Lower Upper

117 100

82 53.7 46.2 69.4

119 31.9 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: VX037589.D

Acq: 07 Sep 2023 19:32

Tgt Ion:152 Resp: 92555

Ion Ratio Lower Upper

152 100

115 61.5 43.3 129.9

150 155.0 0.0 345.0

