

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
 Data File : VX037696.D
 Acq On : 13 Sep 2023 15:42
 Operator : JC/MD
 Sample : 04327-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BR-01-170-090623

Quant Time: Sep 14 02:21:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

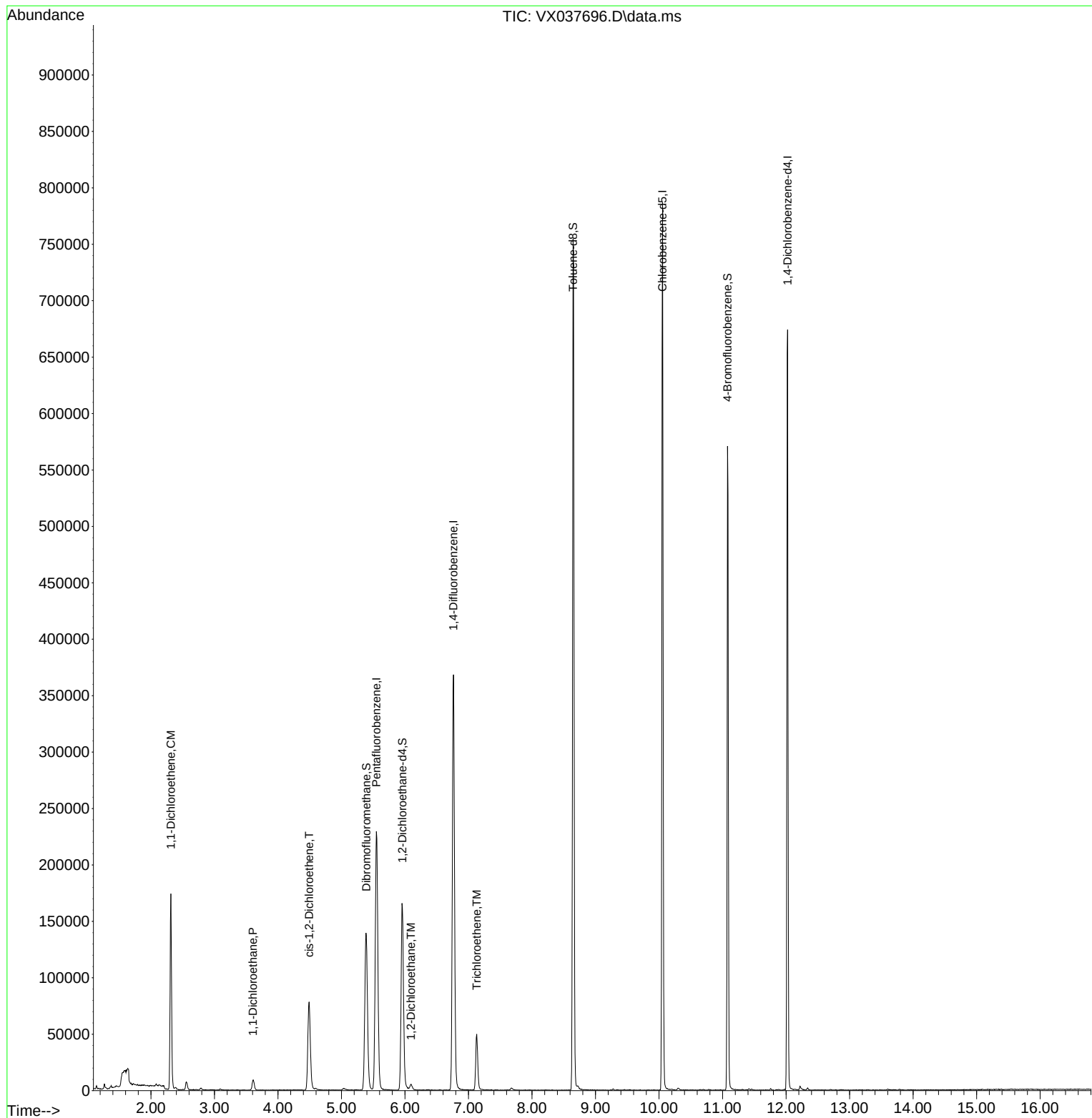
Internal Standards						
1) Pentafluorobenzene	5.550	168	217141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	378722	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	349249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	157863	44.934	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.860%
35) Dibromofluoromethane	5.391	113	123524	46.015	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.040%
50) Toluene-d8	8.647	98	463665	45.798	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.600%#
62) 4-Bromofluorobenzene	11.079	95	151200	41.396	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.800%#
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.313	96	56026	25.079	ug/l	86
24) 1,1-Dichloroethane	3.605	63	10445	2.102	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	50637	16.156	ug/l	83
42) 1,2-Dichloroethane	6.092	62	5745	1.328	ug/l	91
44) Trichloroethene	7.129	130	19430	7.025	ug/l	98

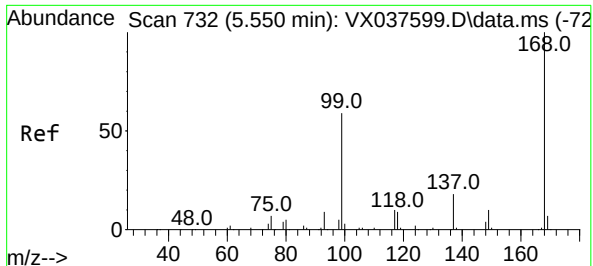
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 12 10:10:04 2023
Response via : Initial Calibration

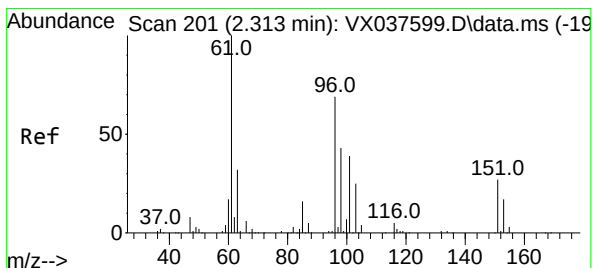
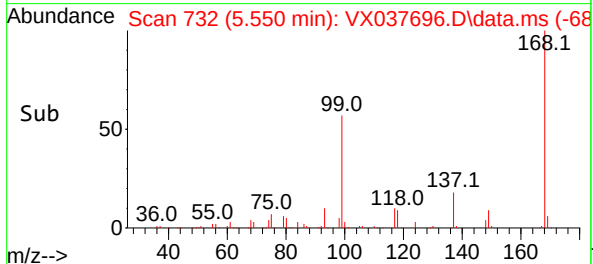
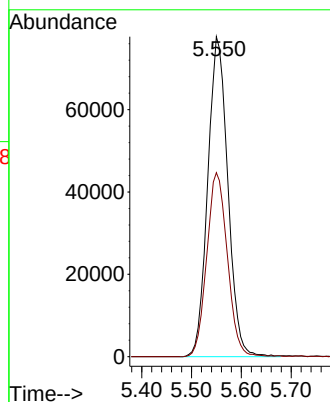
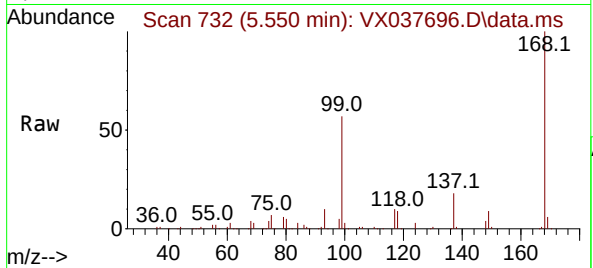




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037696.D
Acq: 13 Sep 2023 15:42

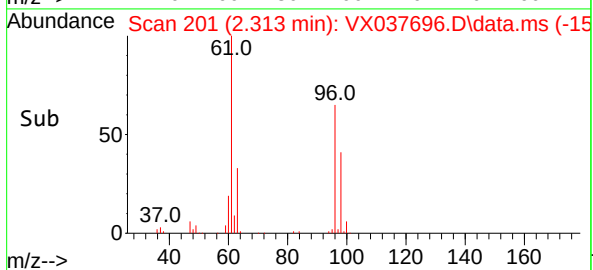
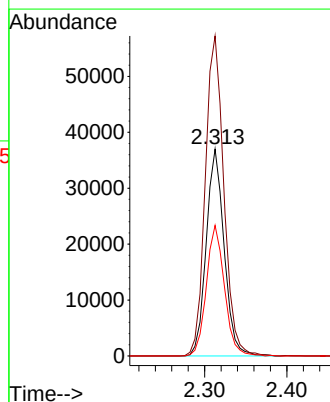
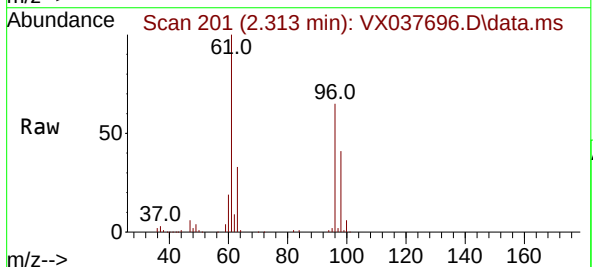
Instrument :
MSVOA_X
ClientSampleId :
BR-01-170-090623

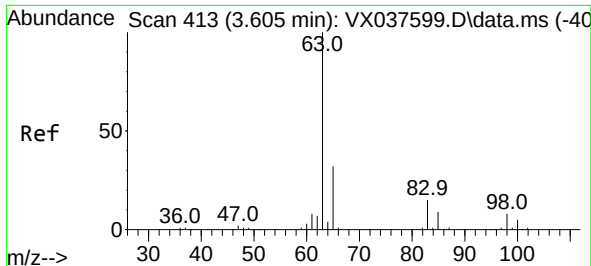
Tgt Ion:168 Resp: 217141
Ion Ratio Lower Upper
168 100
99 57.5 56.6 85.0



#12
1,1-Dichloroethene
Concen: 25.079 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX037696.D
Acq: 13 Sep 2023 15:42

Tgt Ion: 96 Resp: 56026
Ion Ratio Lower Upper
96 100
61 154.7 144.6 216.8
98 63.1 50.4 75.6

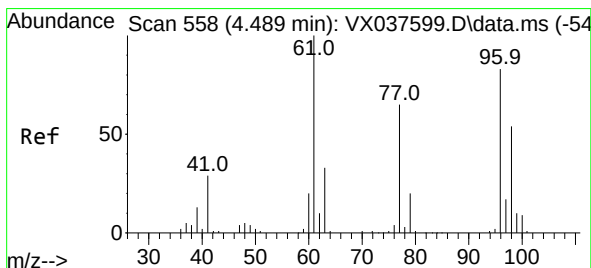
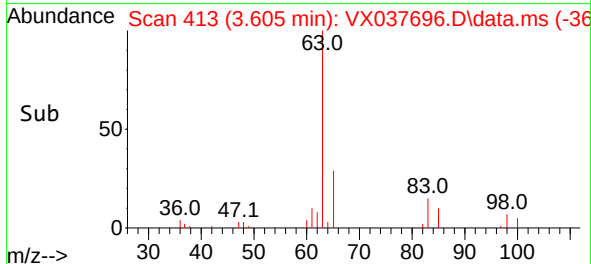
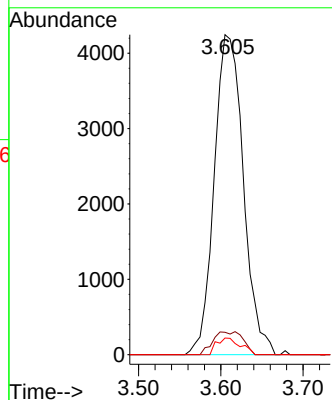
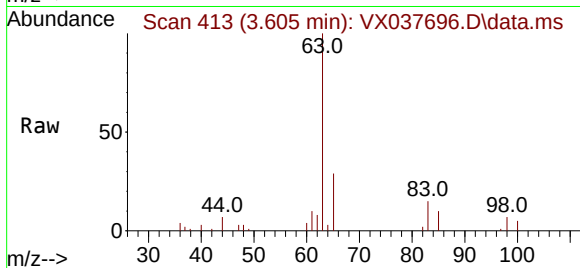




#24
 1,1-Dichloroethane
 Concen: 2.102 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX037696.D
 Acq: 13 Sep 2023 15:42

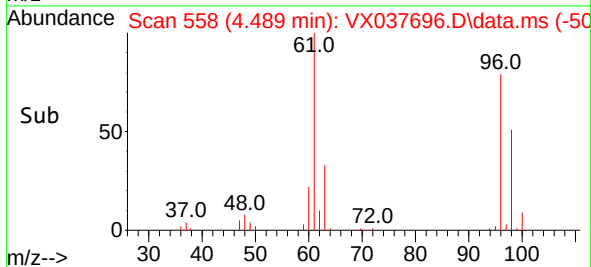
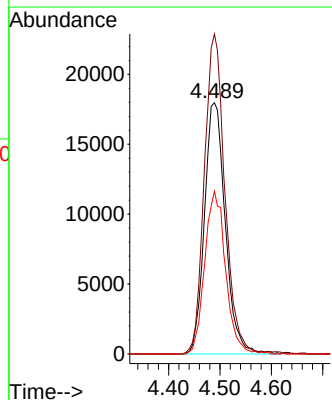
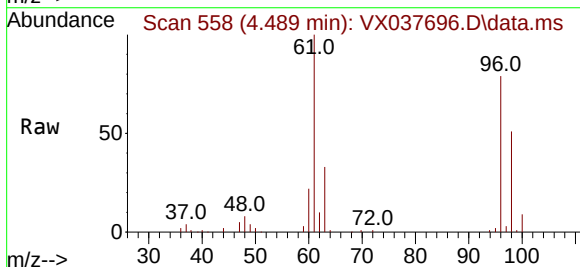
Instrument :
 MSVOA_X
 ClientSampleId :
 BR-01-170-090623

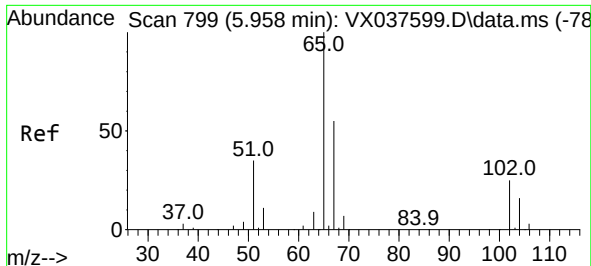
Tgt Ion:	63	Resp:	10445
Ion Ratio	Lower	Upper	
63	100		
98	7.0	3.3	9.8
100	5.2	2.1	6.5



#27
 cis-1,2-Dichloroethene
 Concen: 16.156 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. -0.000 min
 Lab File: VX037696.D
 Acq: 13 Sep 2023 15:42

Tgt Ion:	96	Resp:	50637
Ion Ratio	Lower	Upper	
96	100		
61	125.1	0.0	312.2
98	64.7	0.0	129.0





#33

1,2-Dichloroethane-d4

Concen: 44.934 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037696.D

Acq: 13 Sep 2023 15:42

Instrument :

MSVOA_X

ClientSampleId :

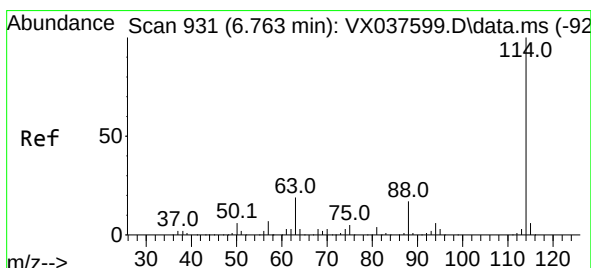
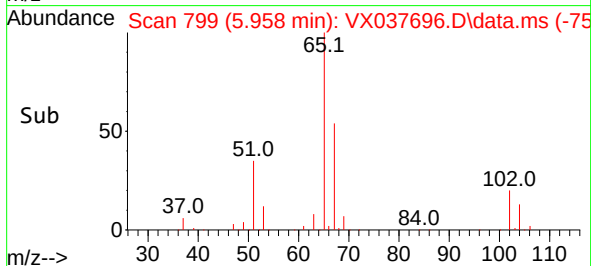
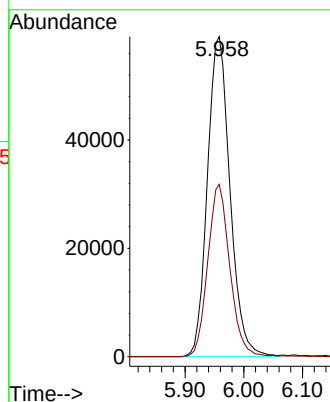
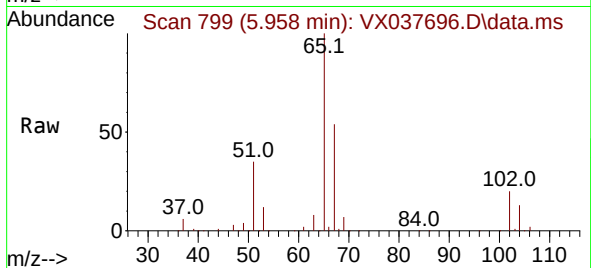
BR-01-170-090623

Tgt Ion: 65 Resp: 157863

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: VX037696.D

Acq: 13 Sep 2023 15:42

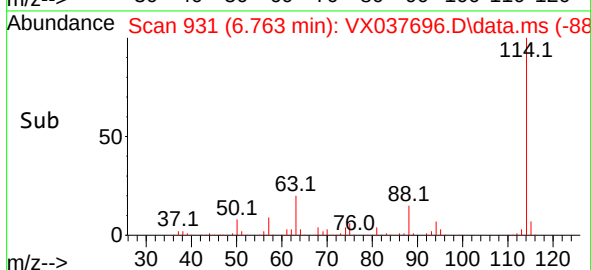
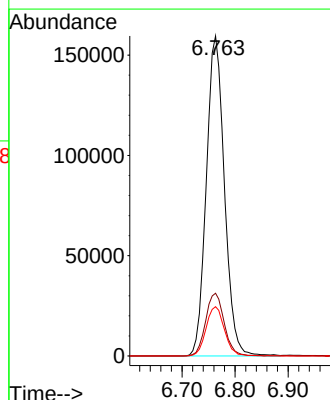
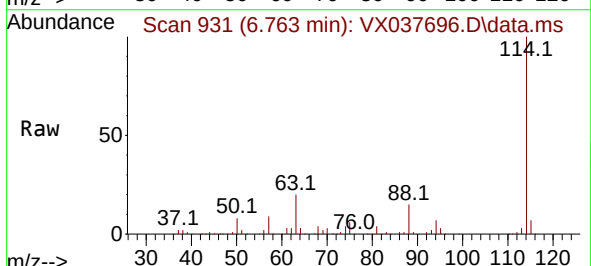
Tgt Ion: 114 Resp: 378722

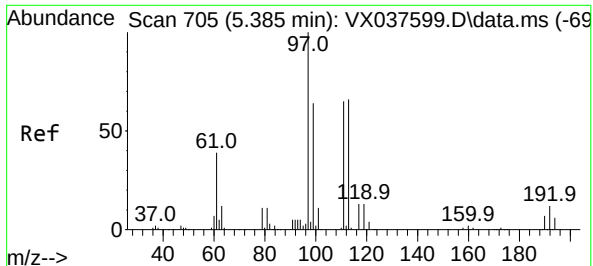
Ion Ratio Lower Upper

114 100

63 19.6 0.0 45.0

88 15.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.015 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037696.D

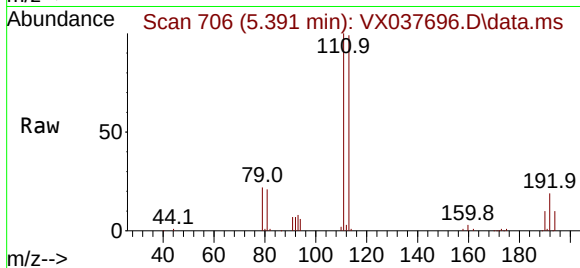
Acq: 13 Sep 2023 15:42

Instrument :

MSVOA_X

ClientSampleId :

BR-01-170-090623



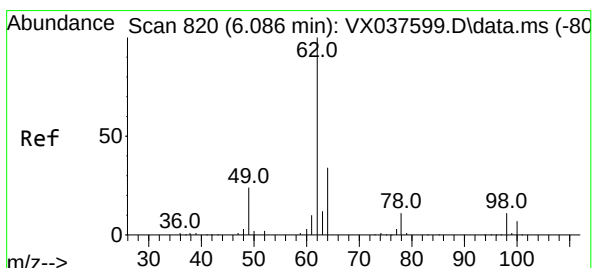
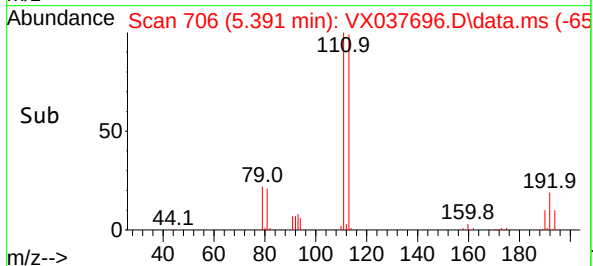
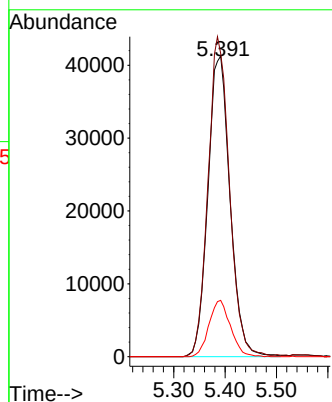
Tgt Ion:113 Resp: 123524

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

192 18.2 13.3 19.9



#42

1,2-Dichloroethane

Concen: 1.328 ug/l

RT: 6.092 min Scan# 821

Delta R.T. 0.006 min

Lab File: VX037696.D

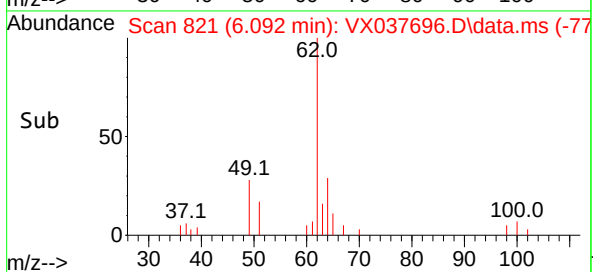
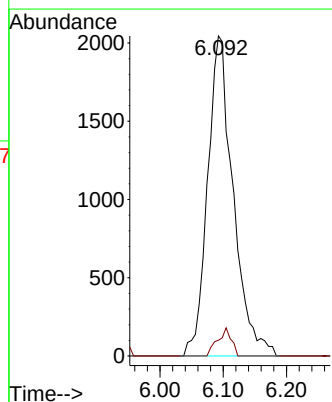
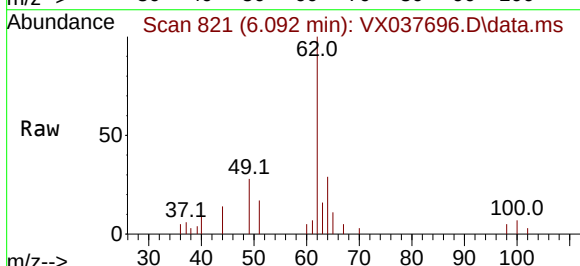
Acq: 13 Sep 2023 15:42

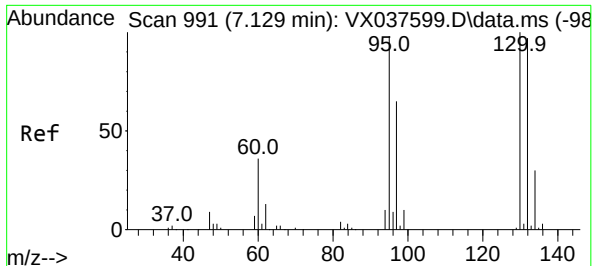
Tgt Ion: 62 Resp: 5745

Ion Ratio Lower Upper

62 100

98 4.7 0.0 16.0

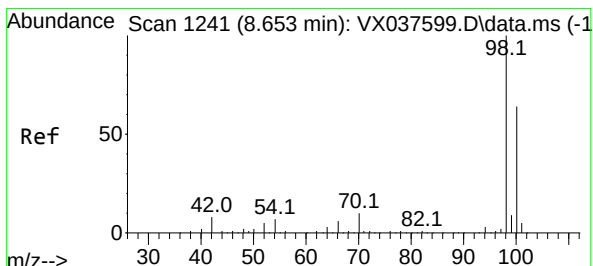
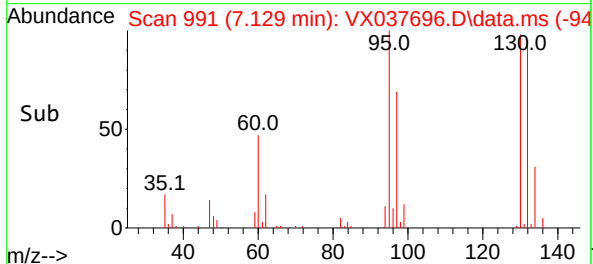
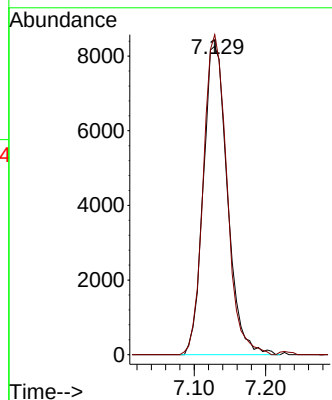
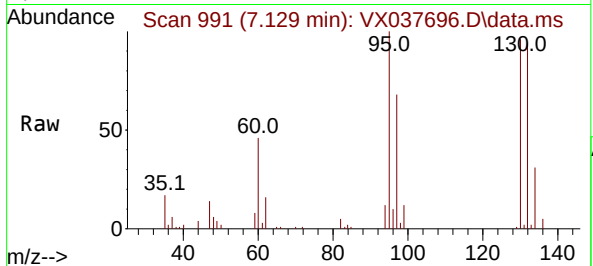




#44
Trichloroethene
Concen: 7.025 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX037696.D
Acq: 13 Sep 2023 15:42

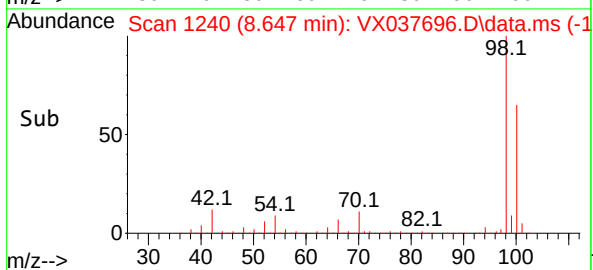
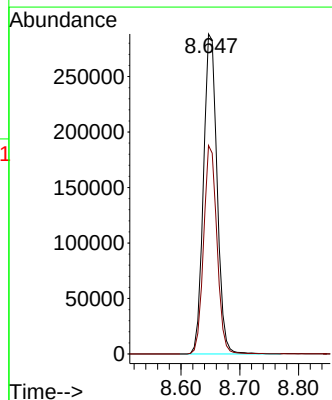
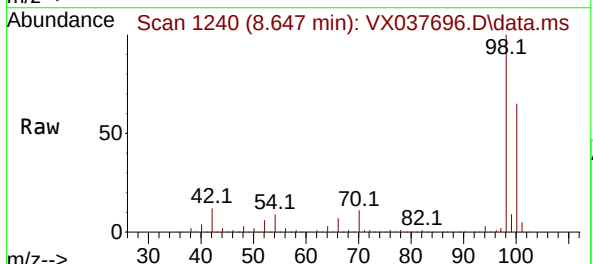
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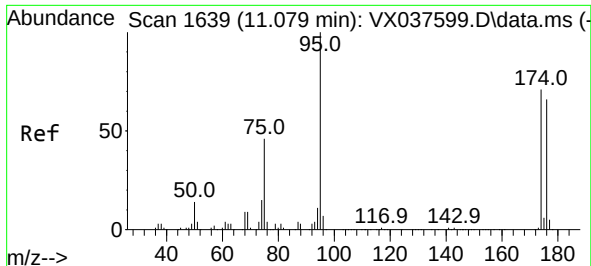
Tgt Ion:130 Resp: 19430
Ion Ratio Lower Upper
130 100
95 103.8 0.0 204.4



#50
Toluene-d8
Concen: 45.798 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX037696.D
Acq: 13 Sep 2023 15:42

Tgt Ion: 98 Resp: 463665
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7

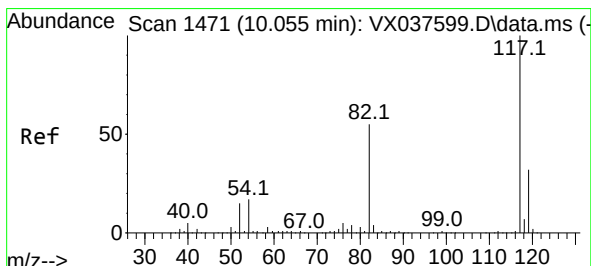
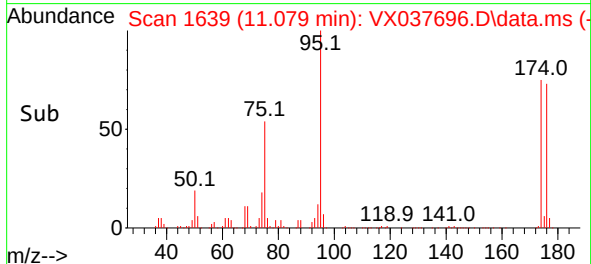
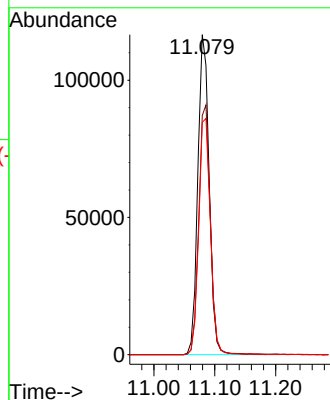
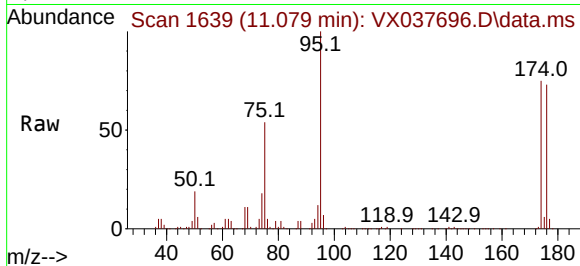




#62
4-Bromofluorobenzene
Concen: 41.396 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037696.D
Acq: 13 Sep 2023 15:42

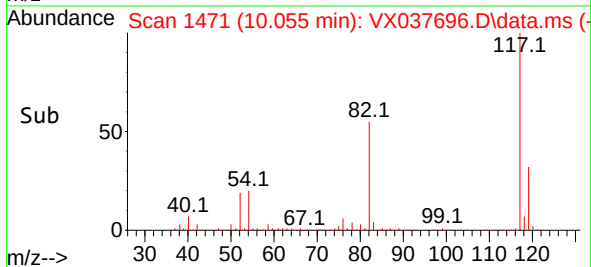
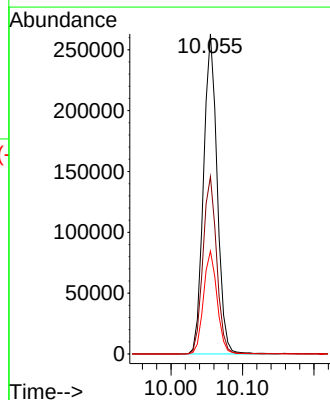
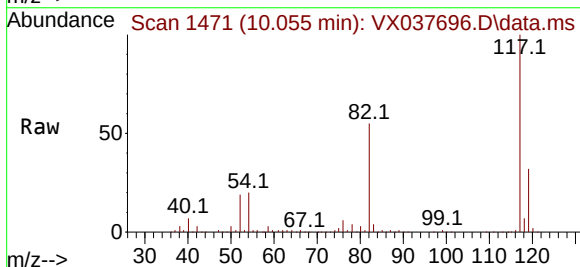
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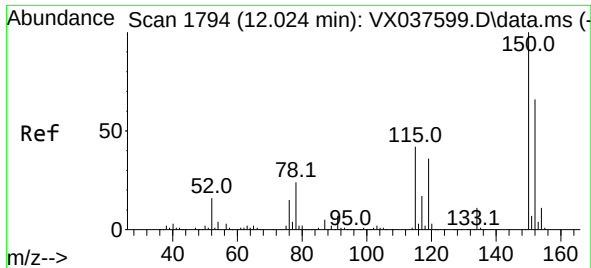
Tgt Ion: 95 Resp: 151200
Ion Ratio Lower Upper
95 100
174 79.1 0.0 135.6
176 75.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037696.D
Acq: 13 Sep 2023 15:42

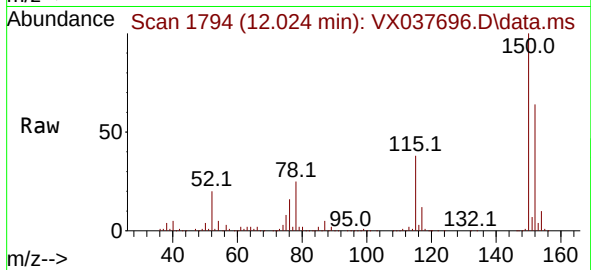
Tgt Ion: 117 Resp: 349249
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 32.1 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037696.D
 Acq: 13 Sep 2023 15:42

Instrument :
 MSVOA_X
 ClientSampleId :
 BR-01-170-090623



Tgt Ion:152 Resp: 138225
 Ion Ratio Lower Upper
 152 100
 115 61.3 43.3 129.9
 150 156.1 0.0 345.0

