

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037383.D
 Acq On : 30 Aug 2023 12:51
 Operator : JC/MD
 Sample : 04208-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10B-45-082823-H

Quant Time: Aug 31 02:21:55 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)

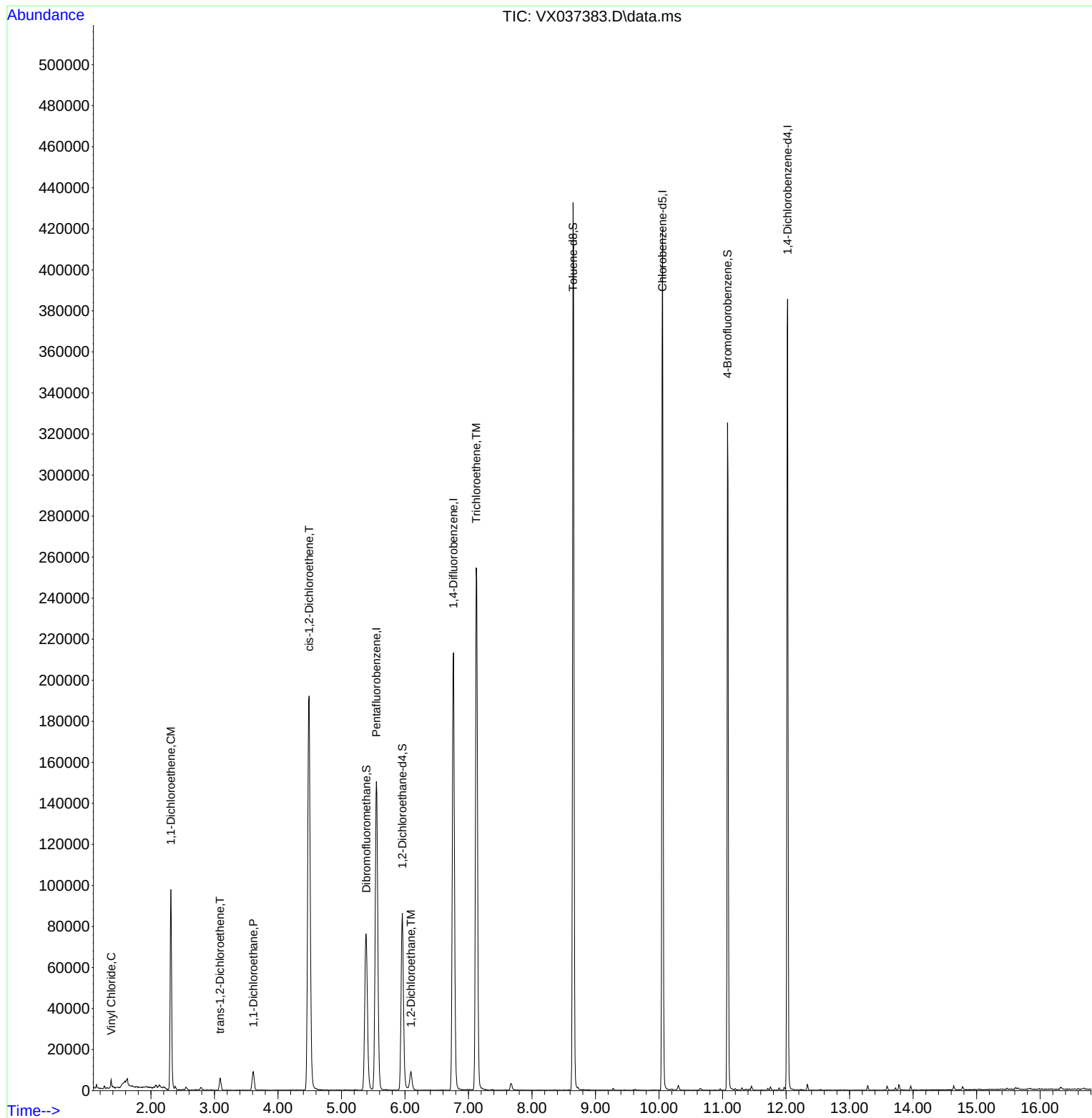
Internal Standards						
1) Pentafluorobenzene	5.550	168	142572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229247	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84339	41.032	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.060%
35) Dibromofluoromethane	5.391	113	69184	45.568	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.140%
50) Toluene-d8	8.647	98	265038	48.125	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.260%
62) 4-Bromofluorobenzene	11.079	95	93353	43.134	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.260%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	2854	1.810	ug/l	93
12) 1,1-Dichloroethene	2.313	96	33413	22.767	ug/l	83
21) trans-1,2-Dichloroethene	3.087	96	2728	1.635	ug/l	86
24) 1,1-Dichloroethane	3.611	63	10568	3.615	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	131678	66.949	ug/l	80
42) 1,2-Dichloroethane	6.092	62	10344	4.264	ug/l	94
44) Trichloroethene	7.123	130	105131	59.932	ug/l	97

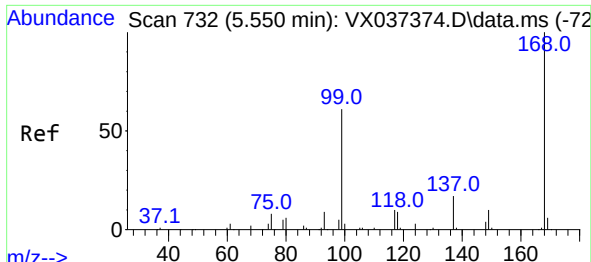
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MW-10B-45-082823-H

Quant Time: Aug 31 02:21:55 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

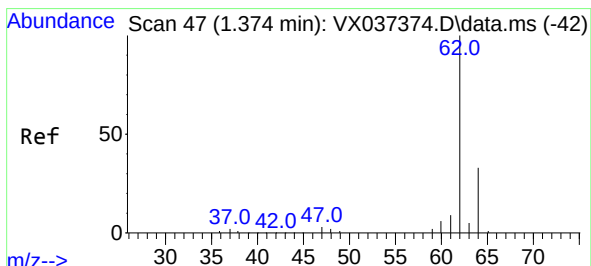
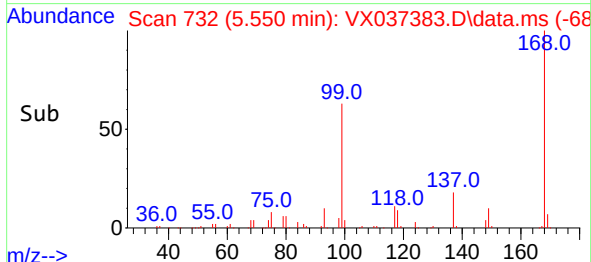
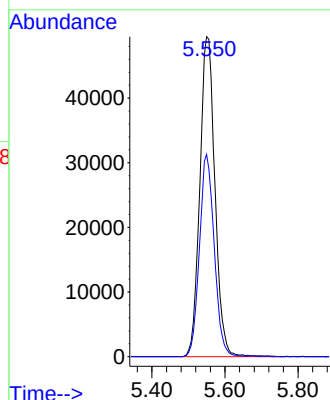
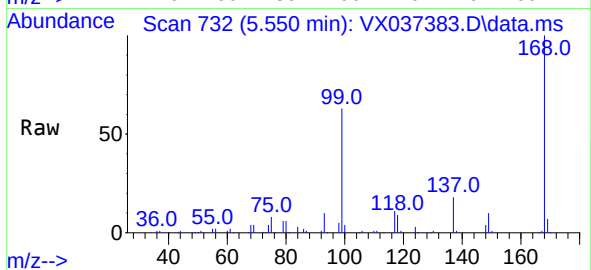




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037383.D
Acq: 30 Aug 2023 12:51

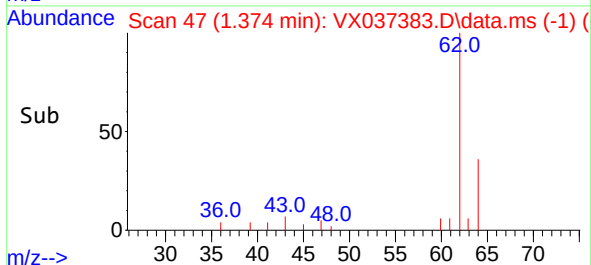
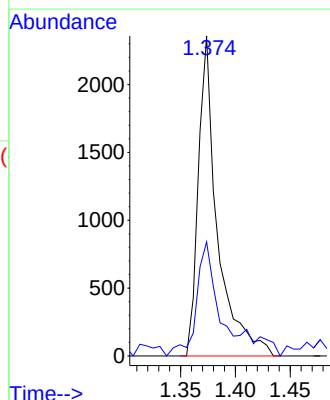
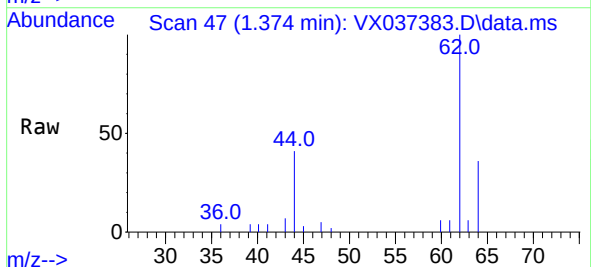
Instrument :
MSVOA_X
ClientSampleId :
MW-10B-45-082823-H

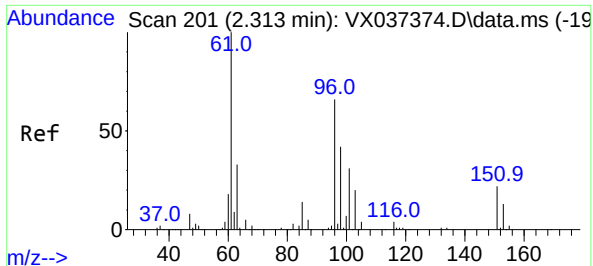
Tgt Ion:168 Resp: 142572
Ion Ratio Lower Upper
168 100
99 63.3 56.6 85.0



#4
Vinyl Chloride
Concen: 1.810 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX037383.D
Acq: 30 Aug 2023 12:51

Tgt Ion: 62 Resp: 2854
Ion Ratio Lower Upper
62 100
64 35.7 25.4 38.0

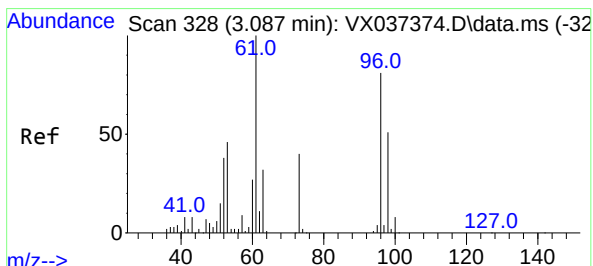
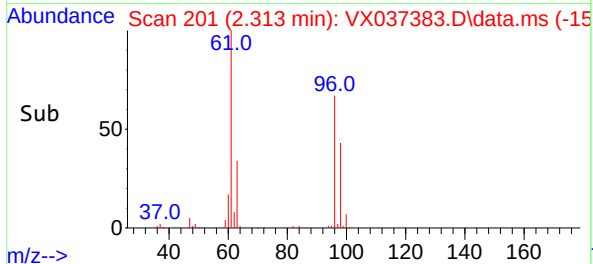
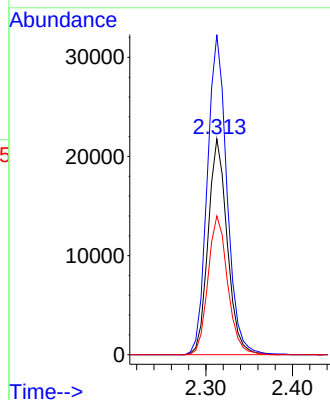
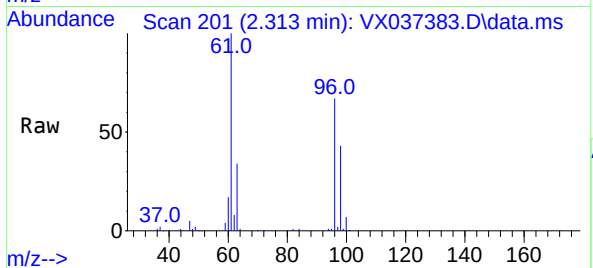




#12
1,1-Dichloroethene
Concen: 22.767 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX037383.D
Acq: 30 Aug 2023 12:51

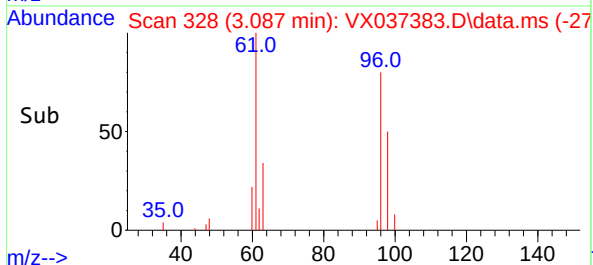
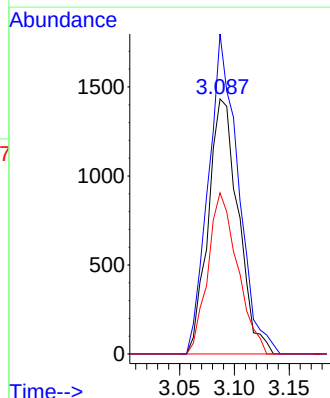
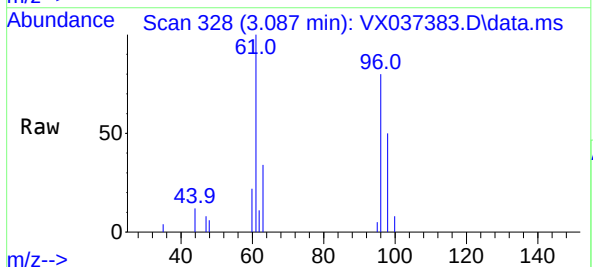
Instrument :
MSVOA_X
ClientSampleId :
MW-10B-45-082823-H

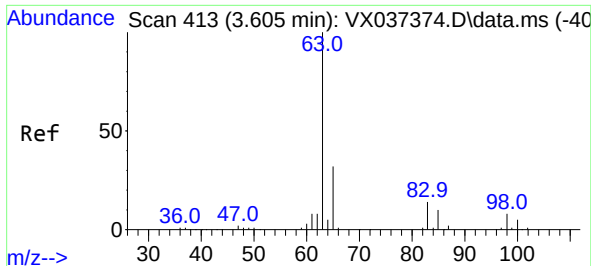
Tgt Ion: 96 Resp: 33413
Ion Ratio Lower Upper
96 100
61 148.2 144.6 216.8
98 64.3 50.4 75.6



#21
trans-1,2-Dichloroethene
Concen: 1.635 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.000 min
Lab File: VX037383.D
Acq: 30 Aug 2023 12:51

Tgt Ion: 96 Resp: 2728
Ion Ratio Lower Upper
96 100
61 125.5 119.2 178.8
98 63.2 48.7 73.1

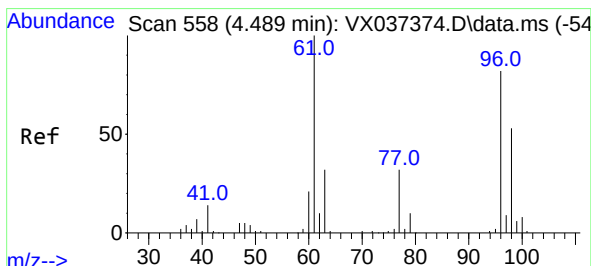
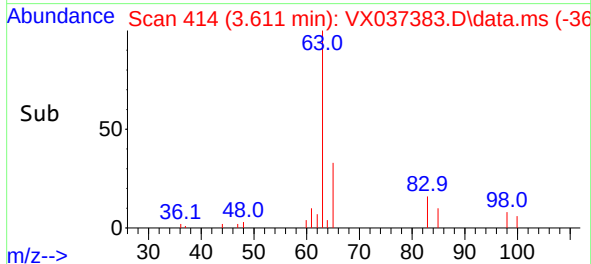
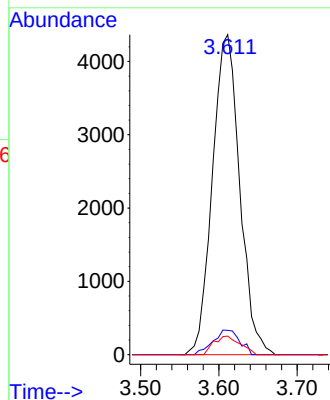
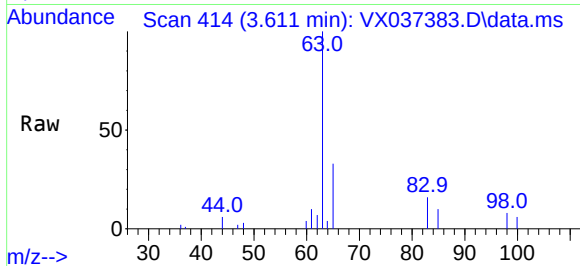




#24
1,1-Dichloroethane
Concen: 3.615 ug/l
RT: 3.611 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX037383.D
Acq: 30 Aug 2023 12:51

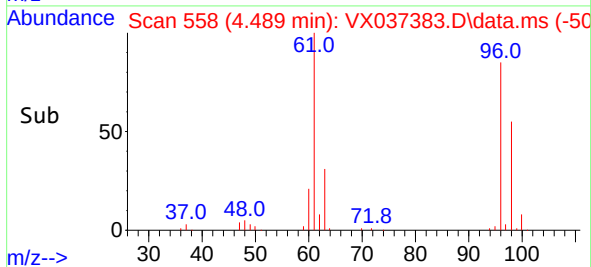
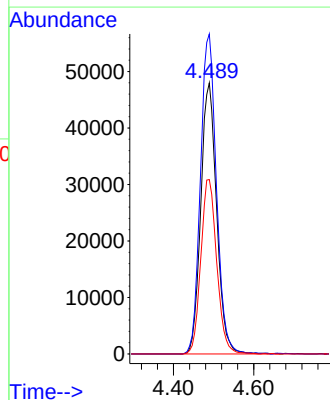
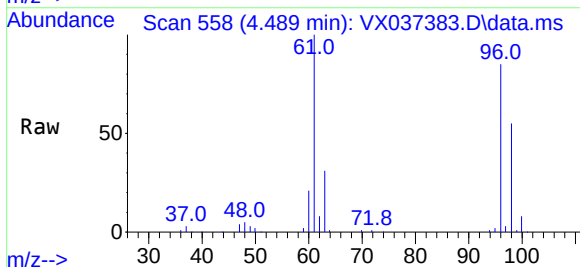
Instrument :
MSVOA_X
ClientSampleId :
MW-10B-45-082823-H

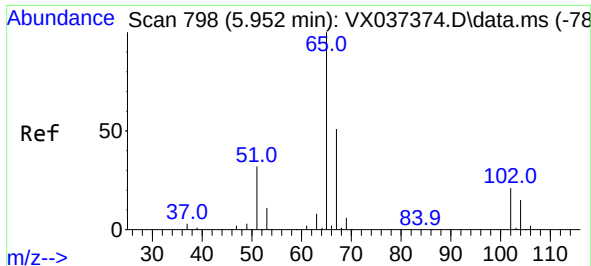
Tgt Ion: 63 Resp: 10568
Ion Ratio Lower Upper
63 100
98 7.6 3.3 9.8
100 5.8 2.1 6.5



#27
cis-1,2-Dichloroethene
Concen: 66.949 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX037383.D
Acq: 30 Aug 2023 12:51

Tgt Ion: 96 Resp: 131678
Ion Ratio Lower Upper
96 100
61 118.7 0.0 312.2
98 64.6 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 41.032 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX037383.D

Acq: 30 Aug 2023 12:51

Instrument :

MSVOA_X

ClientSampleId :

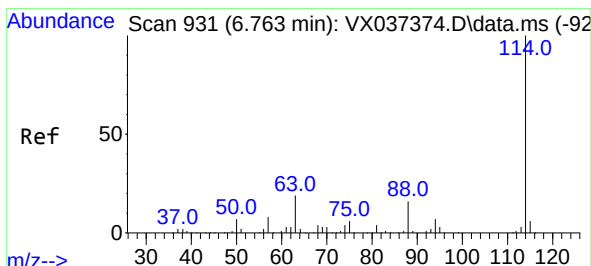
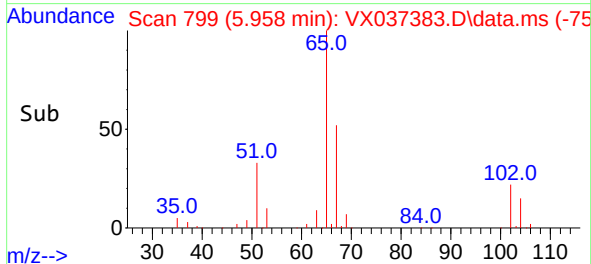
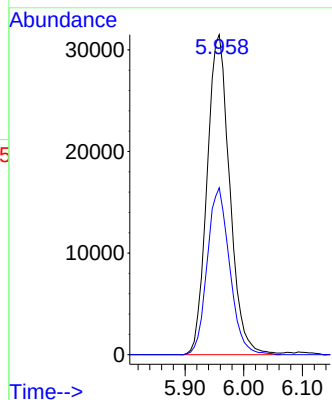
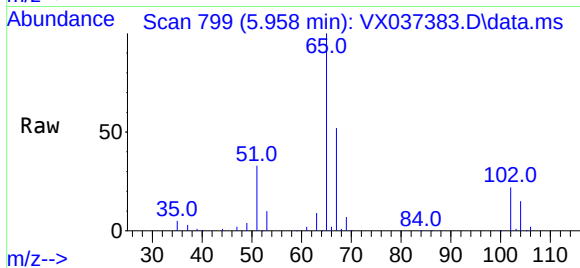
MW-10B-45-082823-H

Tgt Ion: 65 Resp: 84339

Ion Ratio Lower Upper

65 100

67 51.6 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: VX037383.D

Acq: 30 Aug 2023 12:51

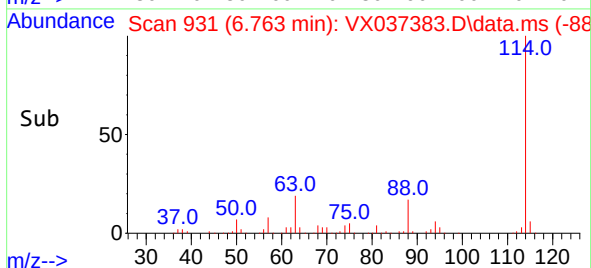
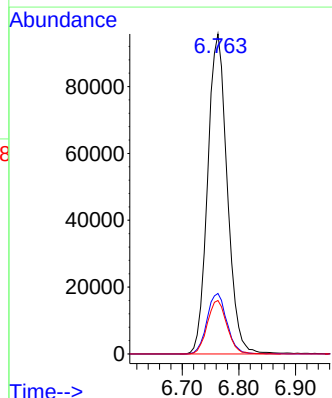
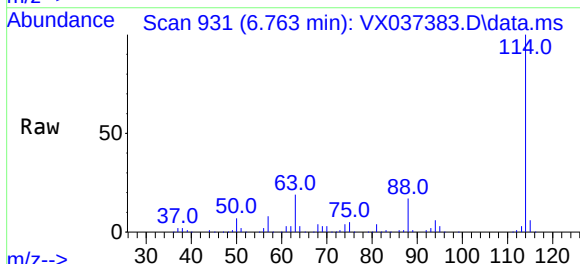
Tgt Ion: 114 Resp: 229247

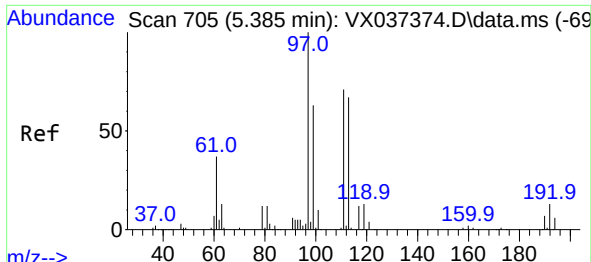
Ion Ratio Lower Upper

114 100

63 18.9 0.0 45.0

88 16.7 0.0 36.6

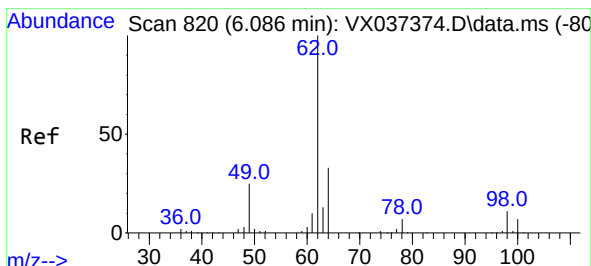
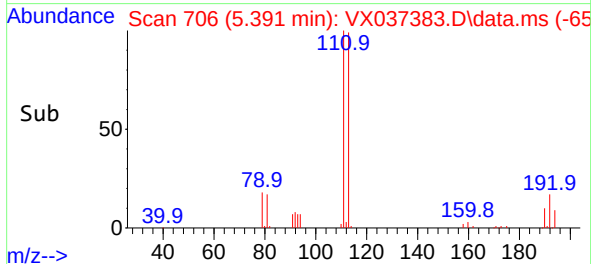
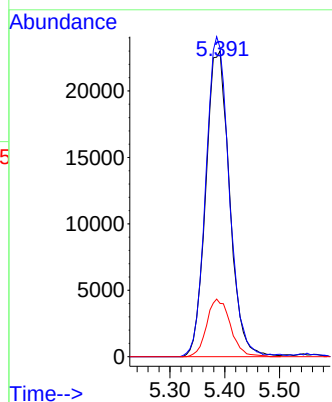
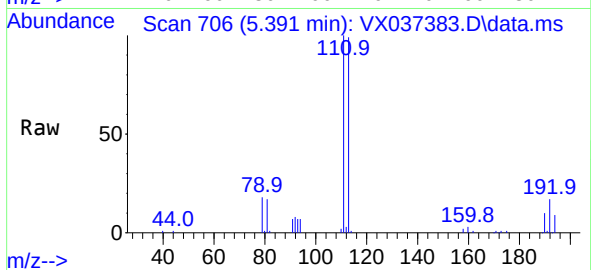




#35
Dibromofluoromethane
Concen: 45.568 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037383.D
Acq: 30 Aug 2023 12:51

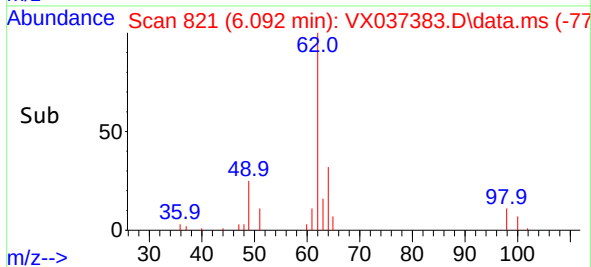
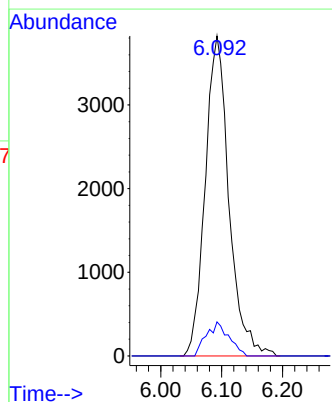
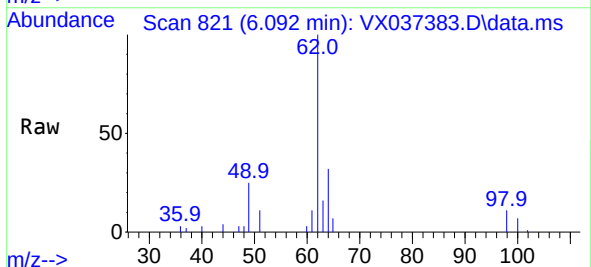
Instrument :
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ClientSampleId :
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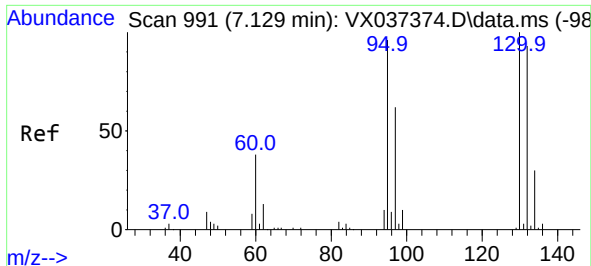
Tgt Ion:113 Resp: 69184
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 18.8 13.3 19.9



#42
1,2-Dichloroethane
Concen: 4.264 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX037383.D
Acq: 30 Aug 2023 12:51

Tgt Ion: 62 Resp: 10344
Ion Ratio Lower Upper
62 100
98 10.1 0.0 16.0

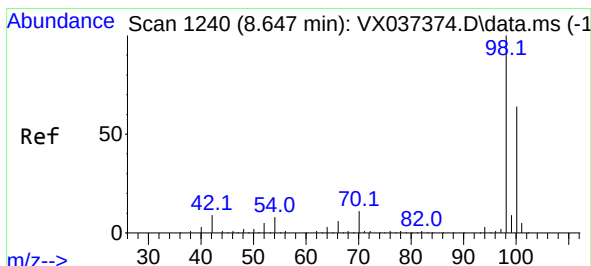
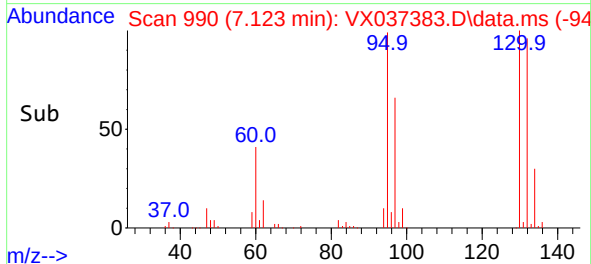
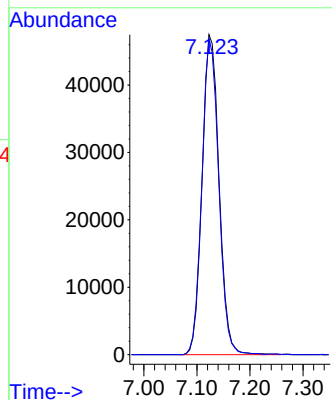
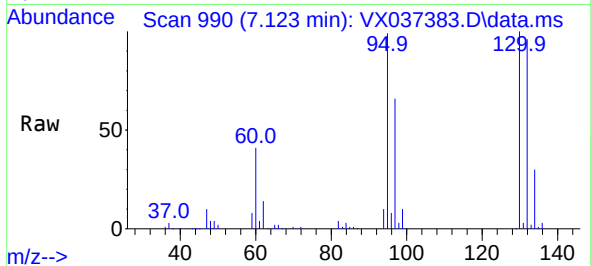




#44
Trichloroethene
Concen: 59.932 ug/l
RT: 7.123 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX037383.D
Acq: 30 Aug 2023 12:51

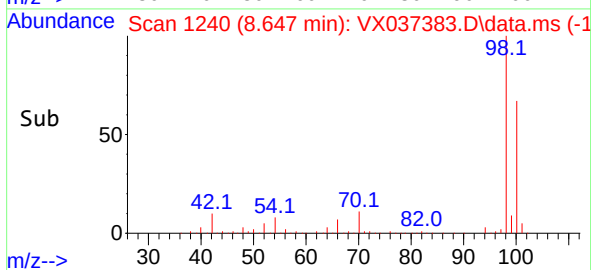
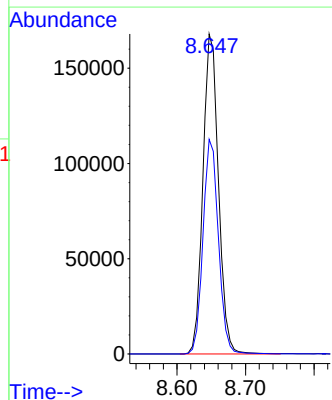
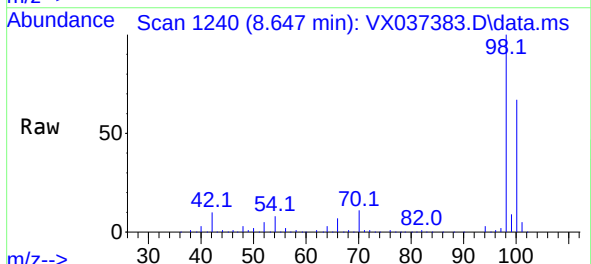
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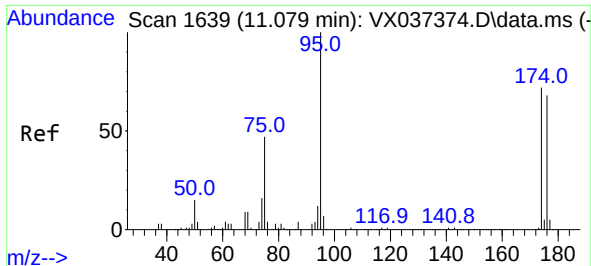
Tgt Ion:130 Resp: 105131
Ion Ratio Lower Upper
130 100
95 98.7 0.0 204.4



#50
Toluene-d8
Concen: 48.125 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037383.D
Acq: 30 Aug 2023 12:51

Tgt Ion: 98 Resp: 265038
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7

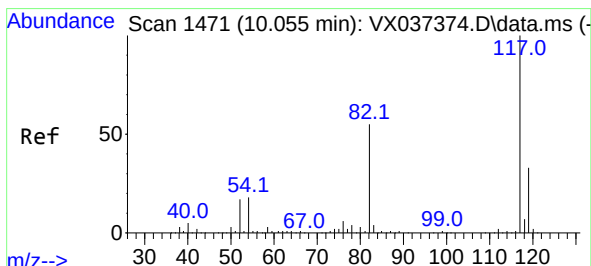
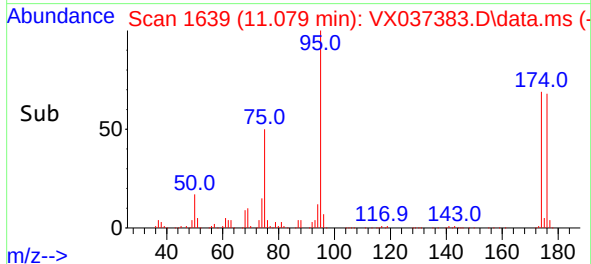
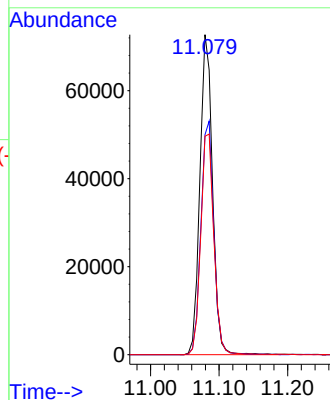
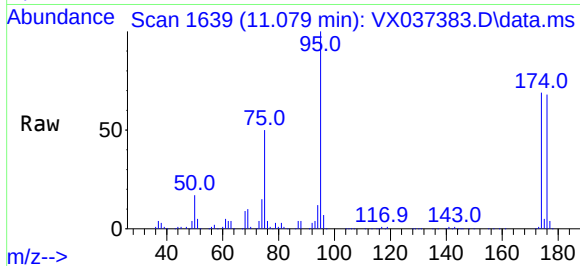




#62
4-Bromofluorobenzene
Concen: 43.134 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037383.D
Acq: 30 Aug 2023 12:51

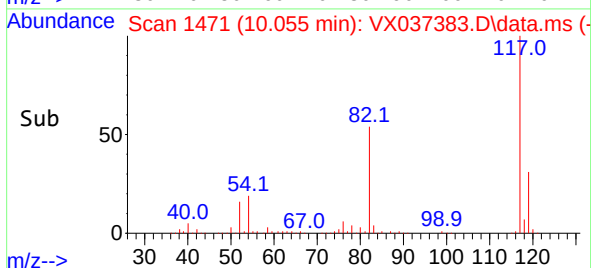
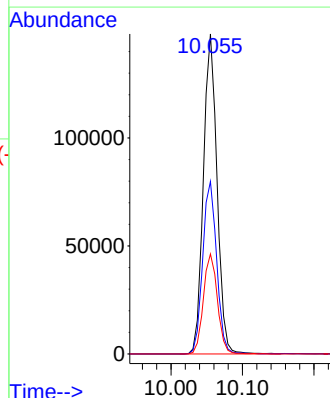
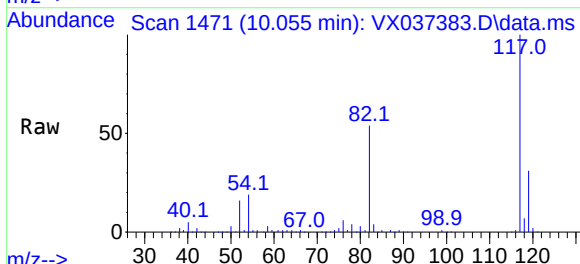
Instrument :
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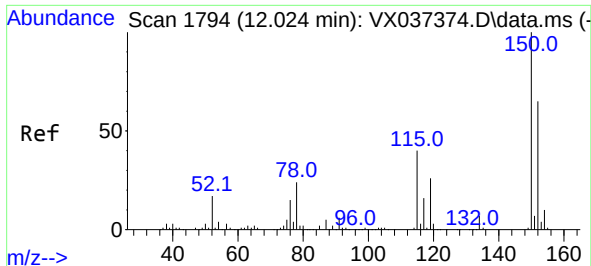
Tgt Ion: 95 Resp: 93353
Ion Ratio Lower Upper
95 100
174 74.3 0.0 135.6
176 71.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037383.D
Acq: 30 Aug 2023 12:51

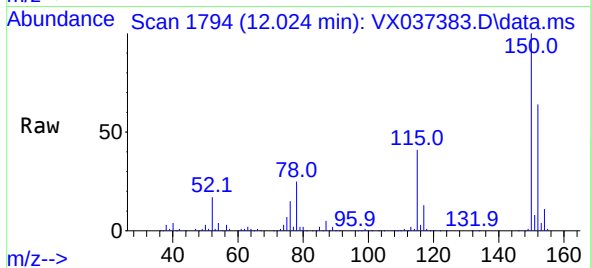
Tgt Ion: 117 Resp: 196801
Ion Ratio Lower Upper
117 100
82 53.9 46.2 69.4
119 31.3 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037383.D
 Acq: 30 Aug 2023 12:51

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10B-45-082823-H



Tgt Ion:152 Resp: 85246
 Ion Ratio Lower Upper
 152 100
 115 63.3 43.3 129.9
 150 155.1 0.0 345.0

