

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038760.D
 Acq On : 11 Nov 2023 05:32
 Operator : JC/MD
 Sample : 05357-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20231107

Quant Time: Nov 13 01:06:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

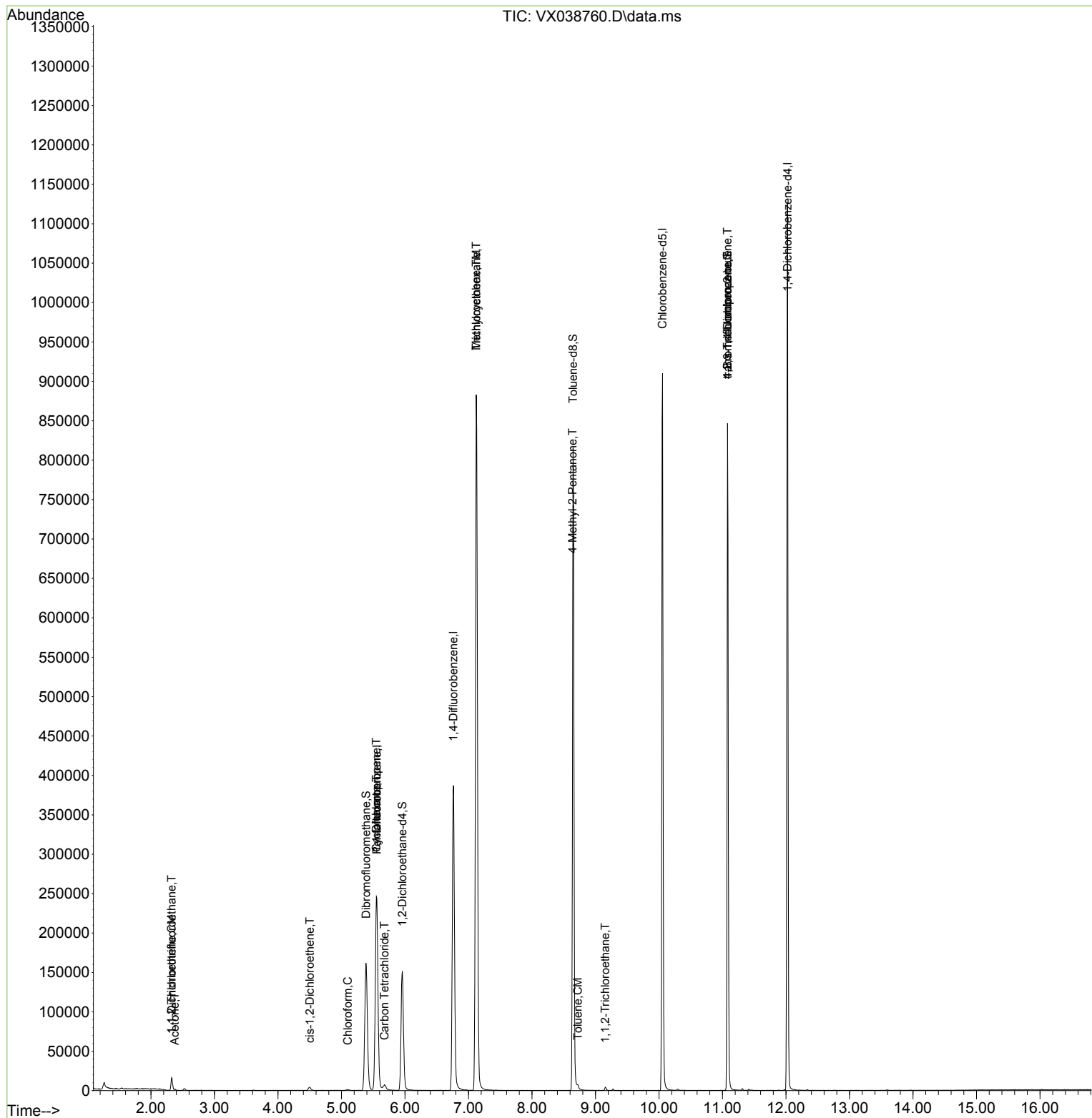
Internal Standards						
1) Pentafluorobenzene	5.556	168	259951	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	435912	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	458999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	267985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153493	47.429	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.860%
35) Dibromofluoromethane	5.385	113	144066	45.887	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.780%
50) Toluene-d8	8.647	98	521882	46.453	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.900%
62) 4-Bromofluorobenzene	11.079	95	226203	51.931	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.860%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.325	101	2890	1.141	ug/l	91
12) 1,1-Dichloroethene	2.325	96	3389	1.397	ug/l #	78
16) Acetone	2.374	43	1774	1.302	ug/l #	85
27) cis-1,2-Dichloroethene	4.501	96	3032	0.994	ug/l	74
30) Chloroform	5.099	83	1671	0.329	ug/l	97
31) Cyclohexane	5.550	56	4092	1.142	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	16225	4.160	ug/l #	52
38) Carbon Tetrachloride	5.678	117	5644	1.295	ug/l #	92
39) Methylcyclohexane	7.123	83	3697	0.758	ug/l #	1
44) Trichloroethene	7.123	130	368224	105.356	ug/l	92
51) 4-Methyl-2-Pentanone	8.641	43	1869	0.469	ug/l #	1
52) Toluene	8.720	92	1487	0.202	ug/l	84
55) 1,1,2-Trichloroethane	9.153	97	1326	0.425	ug/l #	89
76) 1,2,3-Trichloropropane	11.079	75	108741	20.489	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	108741	62.451	ug/l #	5

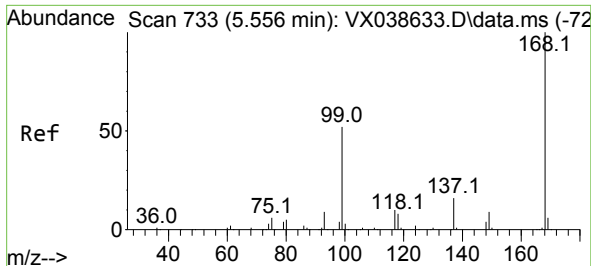
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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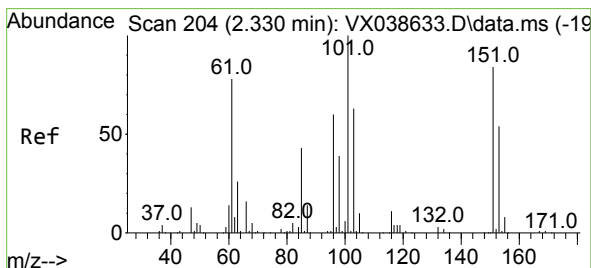
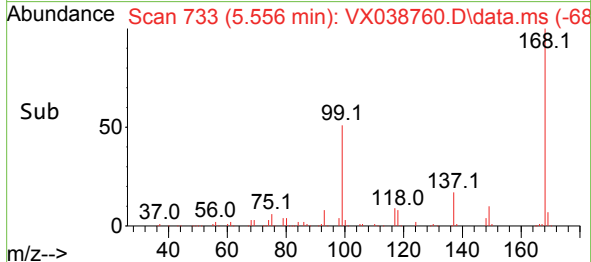
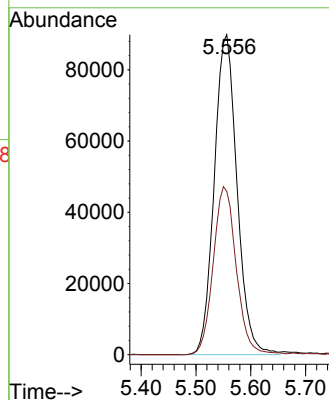
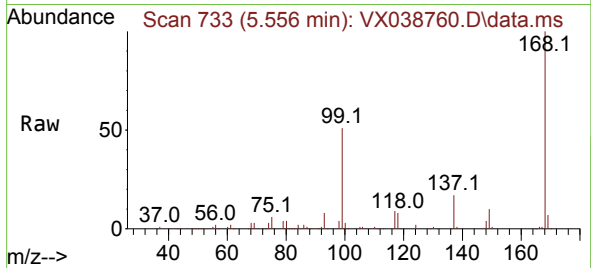




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038760.D
Acq: 11 Nov 2023 05:32

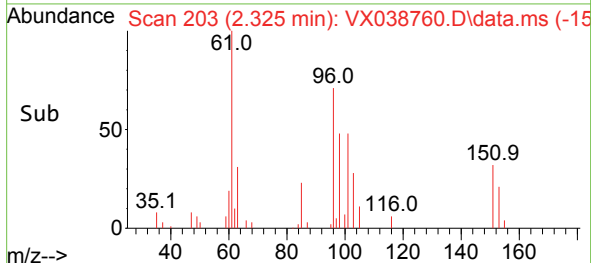
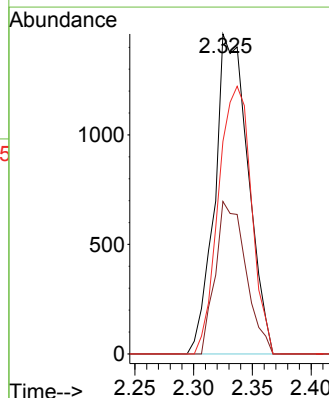
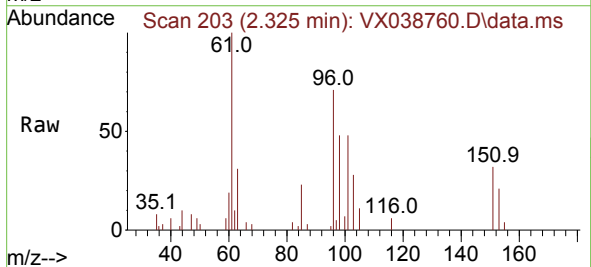
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20231107

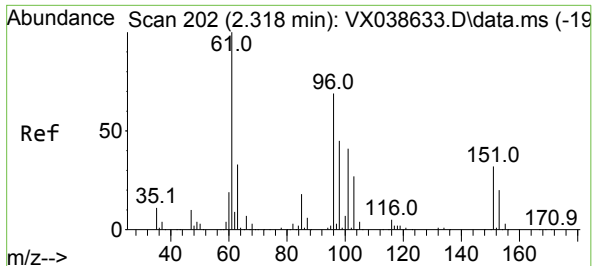
Tgt Ion:168 Resp: 259951
Ion Ratio Lower Upper
168 100
99 51.0 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.141 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX038760.D
Acq: 11 Nov 2023 05:32

Tgt Ion:101 Resp: 2890
Ion Ratio Lower Upper
101 100
85 43.1 37.0 55.6
151 82.4 58.6 87.8





#12

1,1-Dichloroethene

Concen: 1.397 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.007 min

Lab File: VX038760.D

Acq: 11 Nov 2023 05:32

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20231107

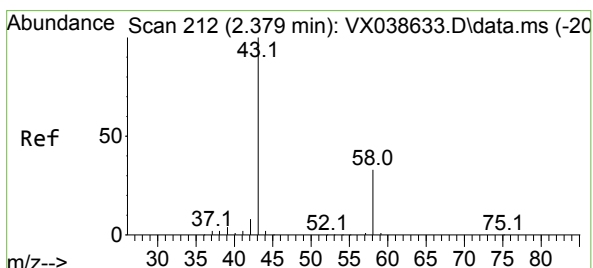
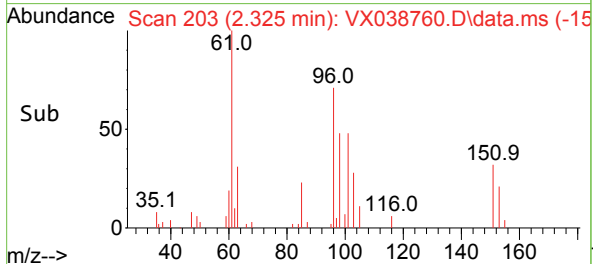
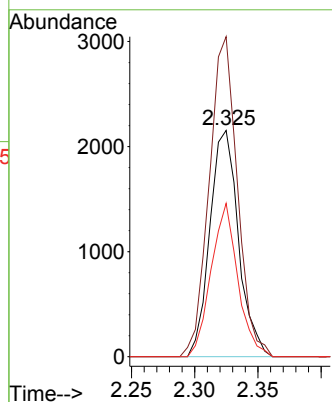
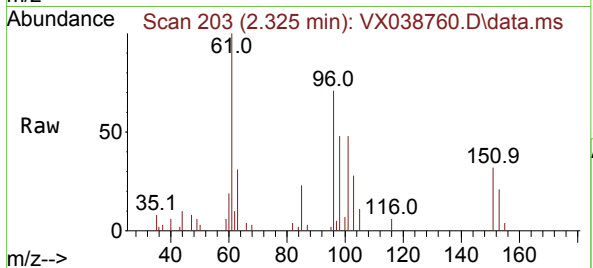
Tgt Ion: 96 Resp: 3389

Ion Ratio Lower Upper

96 100

61 141.4 144.6 216.8#

98 67.8 50.4 75.6



#16

Acetone

Concen: 1.302 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX038760.D

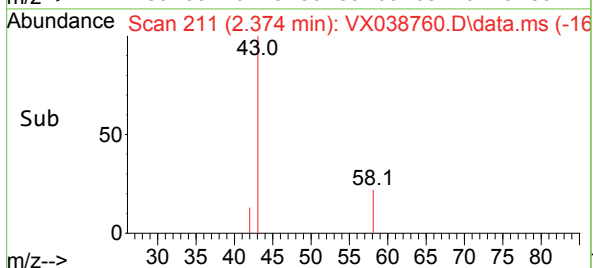
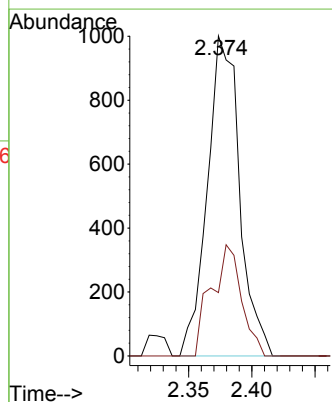
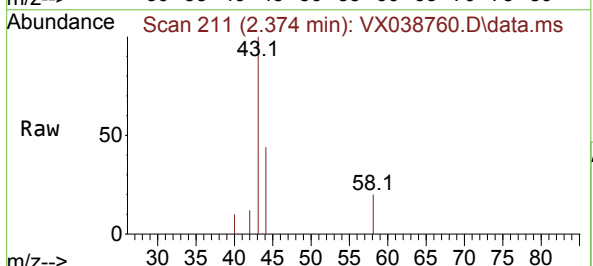
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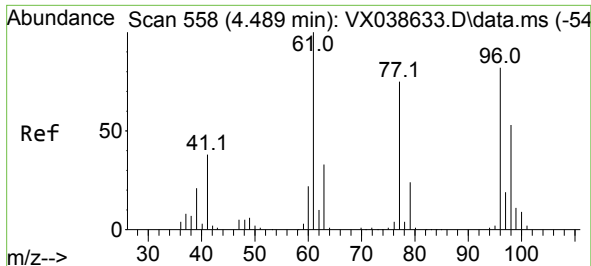
Tgt Ion: 43 Resp: 1774

Ion Ratio Lower Upper

43 100

58 19.8 21.9 32.9#





#27

cis-1,2-Dichloroethene

Concen: 0.994 ug/l

RT: 4.501 min Scan# 558

Delta R.T. 0.013 min

Lab File: VX038760.D

Acq: 11 Nov 2023 05:32

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20231107

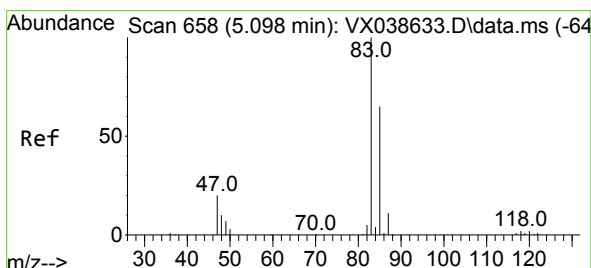
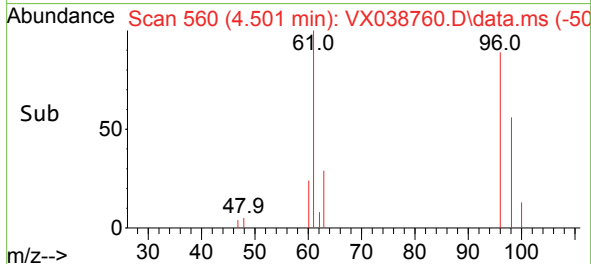
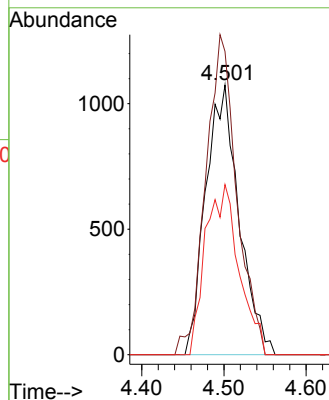
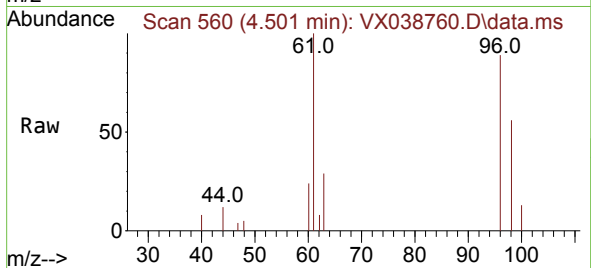
Tgt Ion: 96 Resp: 3032

Ion Ratio Lower Upper

96 100

61 109.8 0.0 312.2

98 63.2 0.0 129.0



#30

Chloroform

Concen: 0.329 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX038760.D

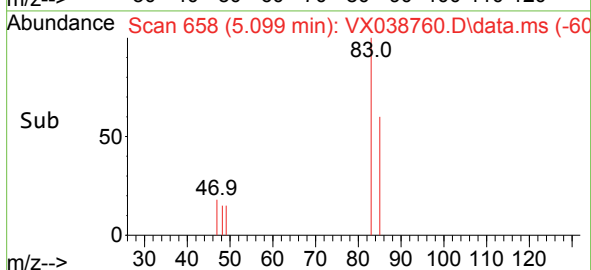
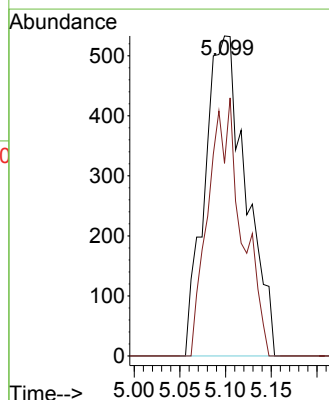
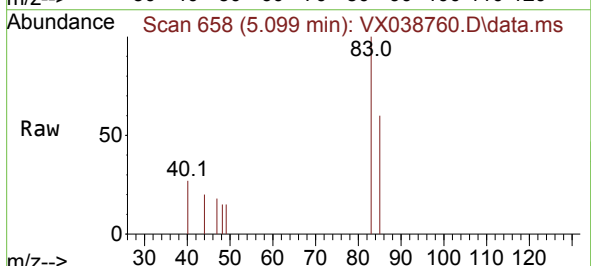
Acq: 11 Nov 2023 05:32

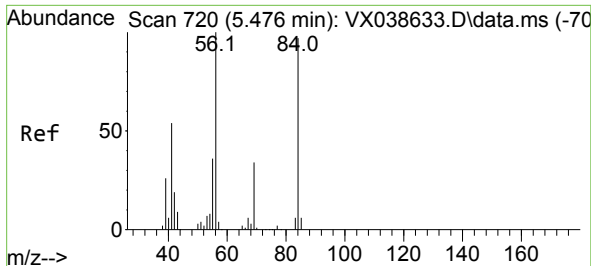
Tgt Ion: 83 Resp: 1671

Ion Ratio Lower Upper

83 100

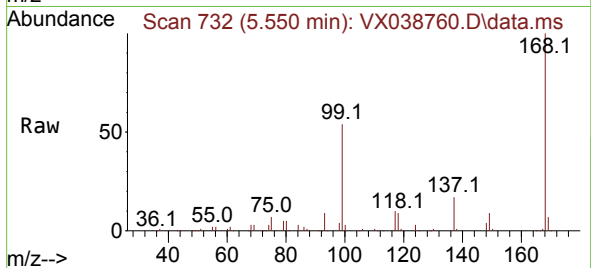
85 60.2 50.3 75.5



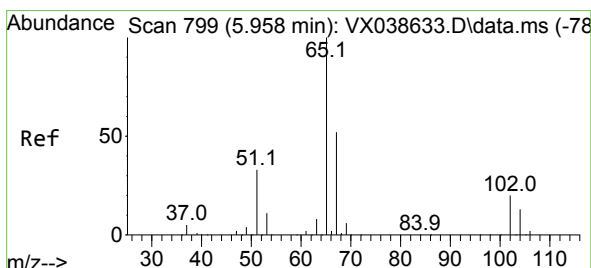
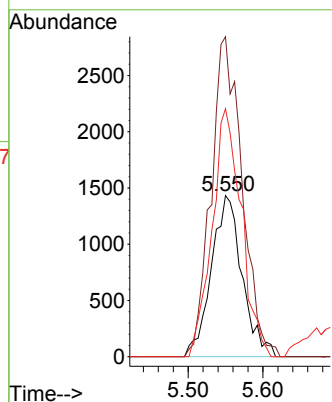
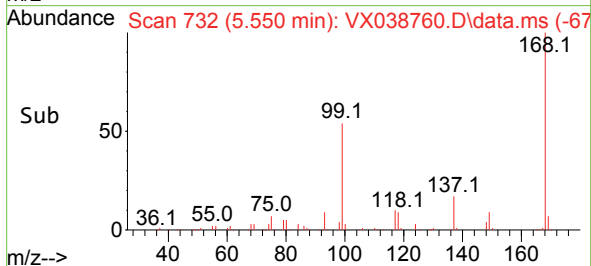


#31
Cyclohexane
Concen: 1.142 ug/l
RT: 5.550 min Scan# 712
Delta R.T. 0.074 min
Lab File: VX038760.D
Acq: 11 Nov 2023 05:32

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20231107

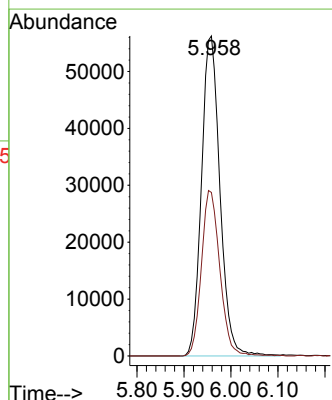
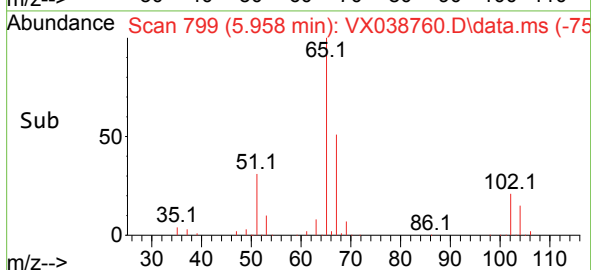
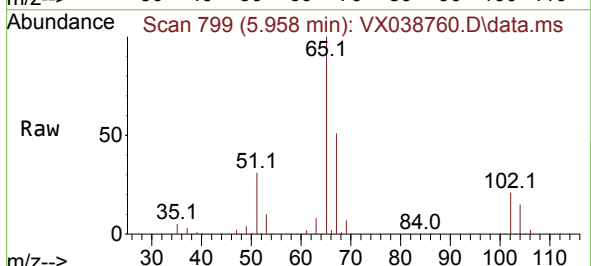


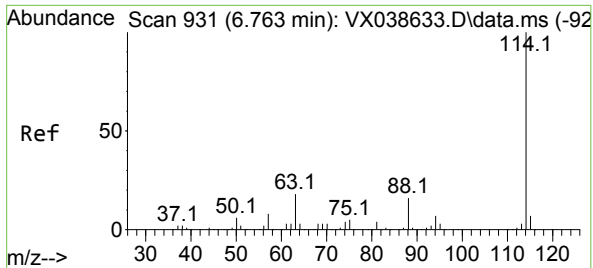
Tgt Ion: 56 Resp: 4092
Ion Ratio Lower Upper
56 100
69 198.7 23.4 35.2#
84 154.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.429 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038760.D
Acq: 11 Nov 2023 05:32

Tgt Ion: 65 Resp: 153493
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

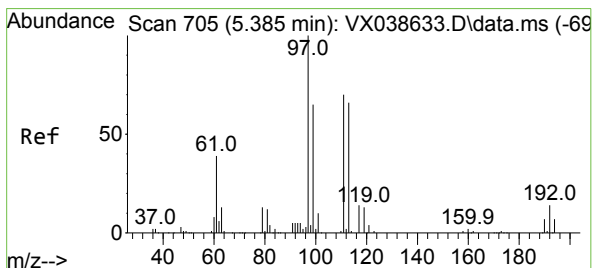
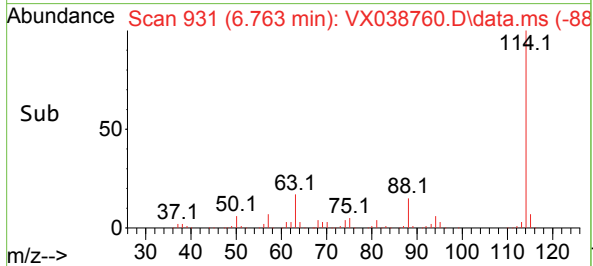
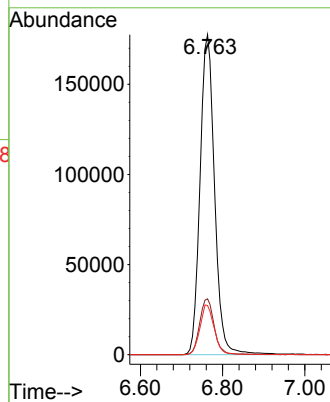
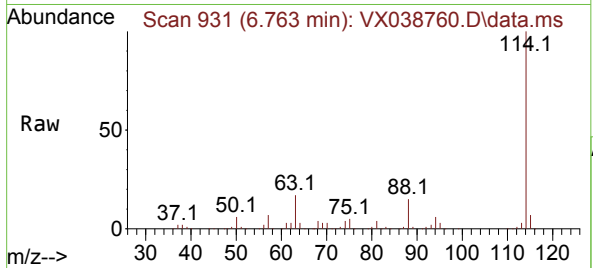




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038760.D
Acq: 11 Nov 2023 05:32

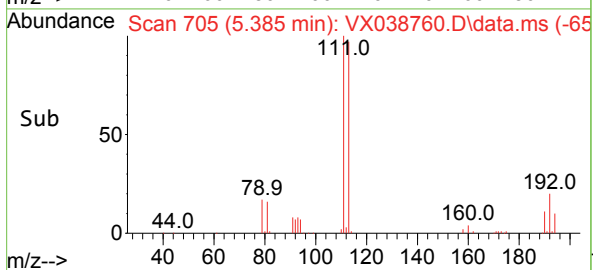
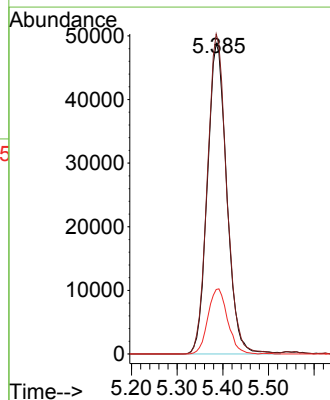
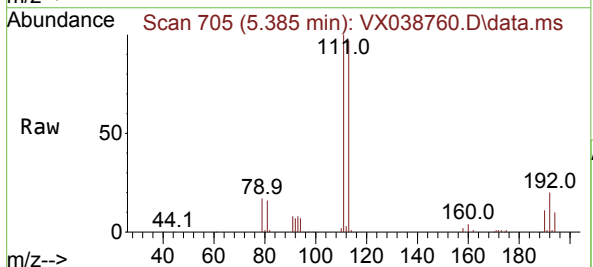
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20231107

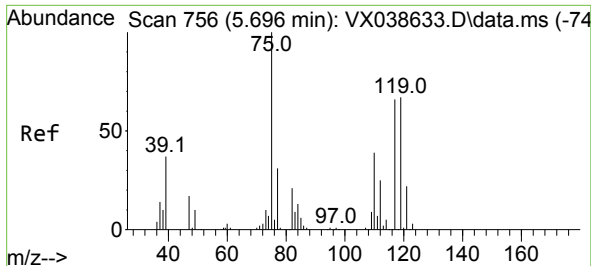
Tgt Ion:114 Resp: 435912
Ion Ratio Lower Upper
114 100
63 17.4 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.887 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038760.D
Acq: 11 Nov 2023 05:32

Tgt Ion:113 Resp: 144066
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 21.2 13.3 19.9#

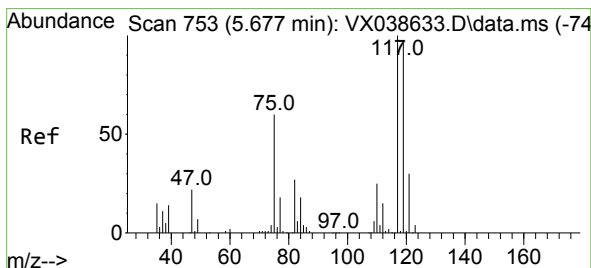
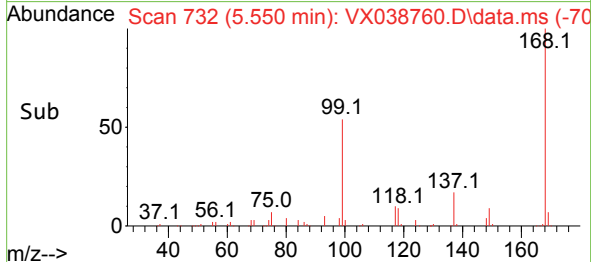
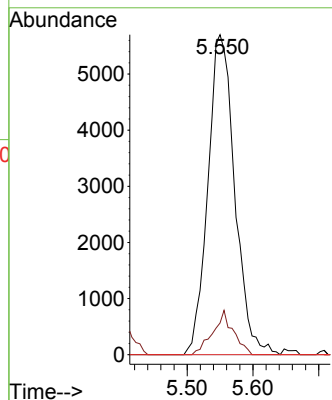
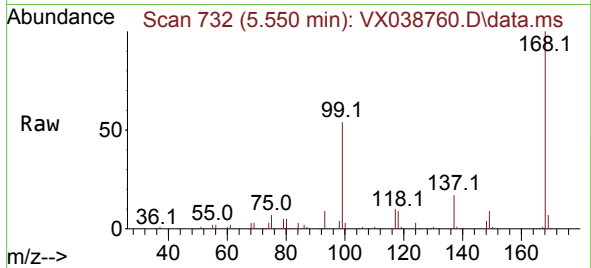




#36
1,1-Dichloropropene
Concen: 4.160 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX038760.D
Acq: 11 Nov 2023 05:32

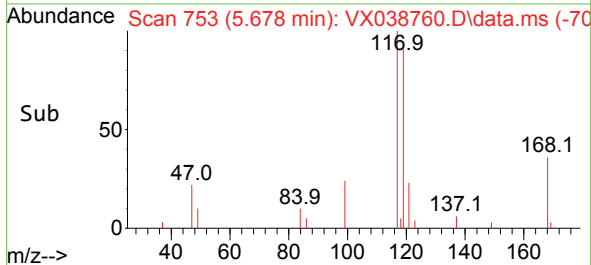
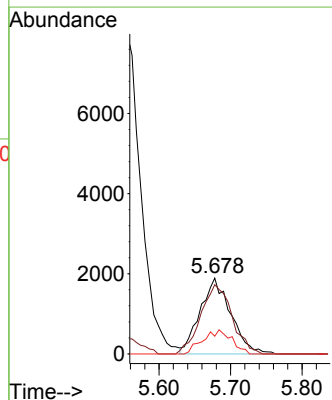
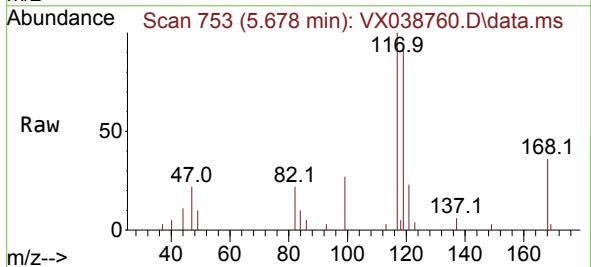
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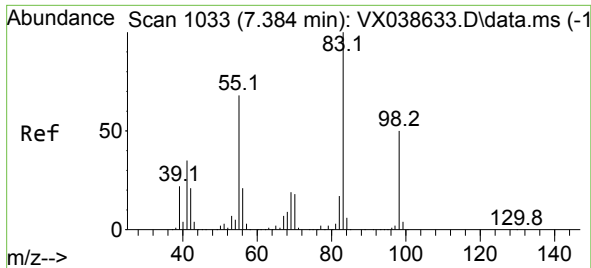
Tgt Ion: 75 Resp: 16225
Ion Ratio Lower Upper
75 100
110 10.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 1.295 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX038760.D
Acq: 11 Nov 2023 05:32

Tgt Ion: 117 Resp: 5644
Ion Ratio Lower Upper
117 100
119 91.4 78.2 117.2
121 23.4 24.4 36.6#

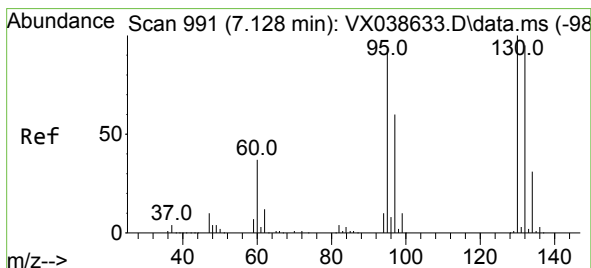
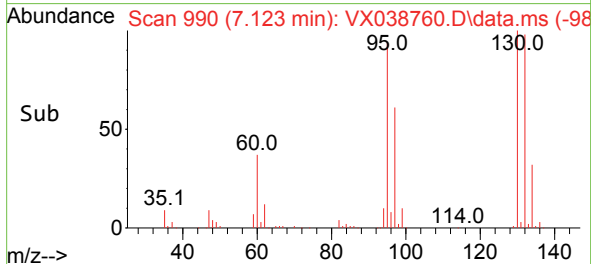
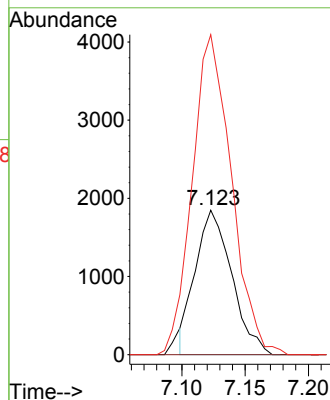
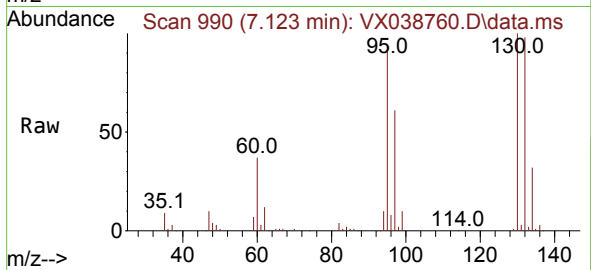




#39
Methylcyclohexane
Concen: 0.758 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.262 min
Lab File: VX038760.D
Acq: 11 Nov 2023 05:32

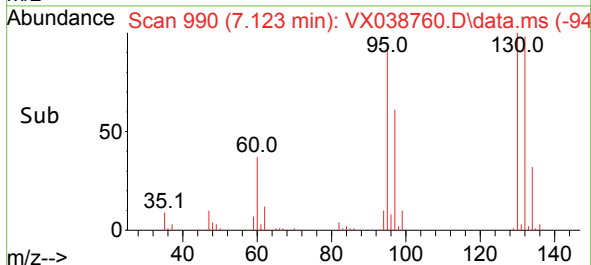
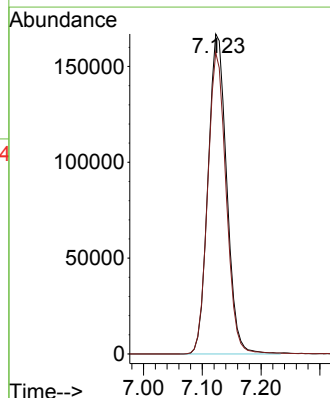
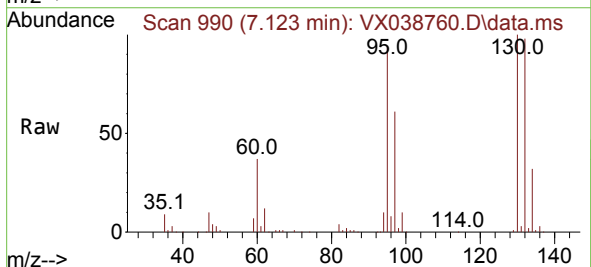
Instrument :
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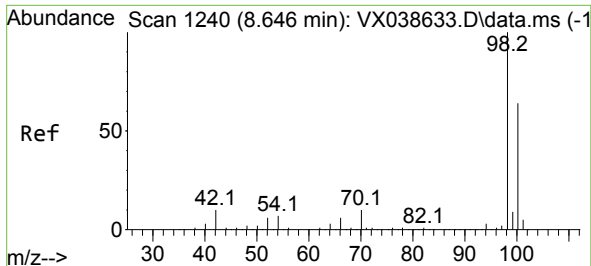
Tgt Ion: 83 Resp: 3697
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 218.0 36.7 55.1#



#44
Trichloroethene
Concen: 105.356 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038760.D
Acq: 11 Nov 2023 05:32

Tgt Ion:130 Resp: 368224
Ion Ratio Lower Upper
130 100
95 94.2 0.0 204.4

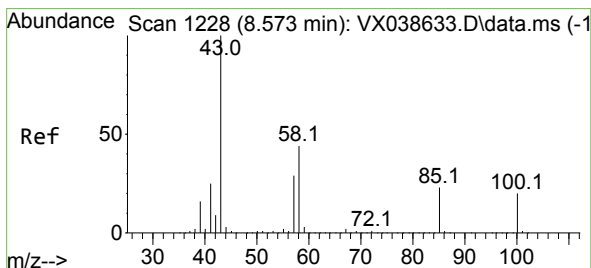
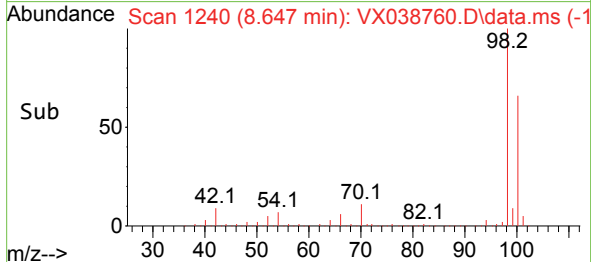
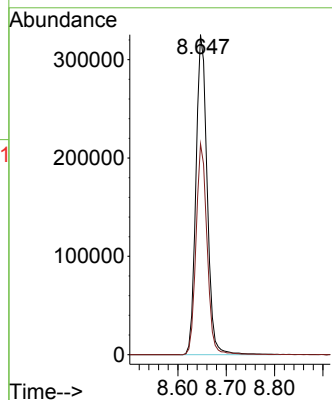
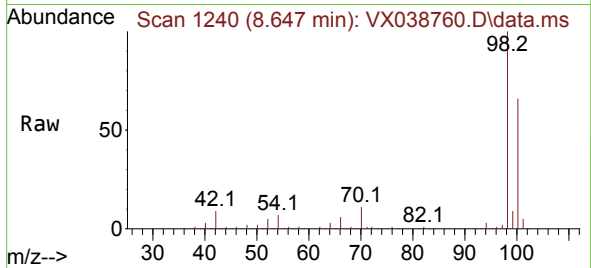




#50
Toluene-d8
Concen: 46.453 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038760.D
Acq: 11 Nov 2023 05:32

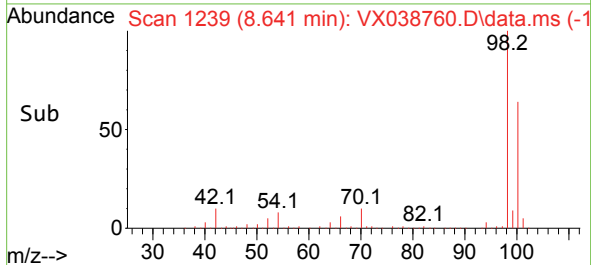
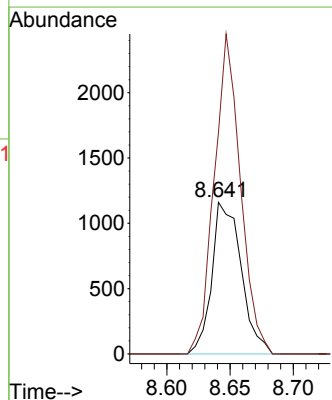
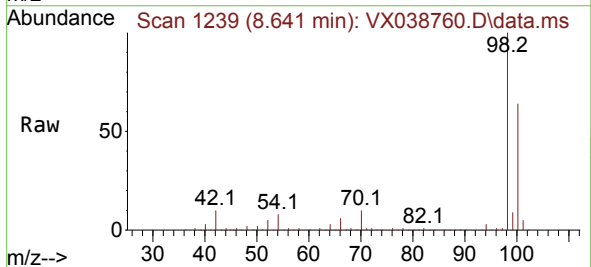
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20231107

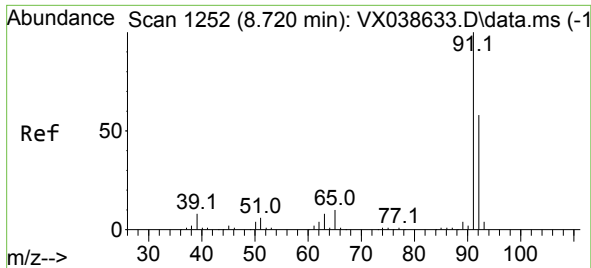
Tgt Ion: 98 Resp: 521882
Ion Ratio Lower Upper
98 100
100 65.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.469 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.068 min
Lab File: VX038760.D
Acq: 11 Nov 2023 05:32

Tgt Ion: 43 Resp: 1869
Ion Ratio Lower Upper
43 100
58 189.2 30.4 45.6#

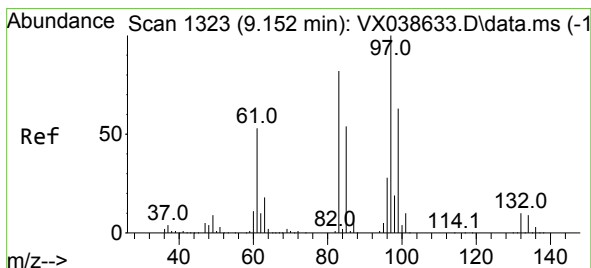
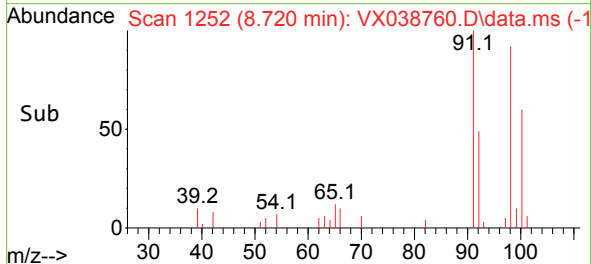
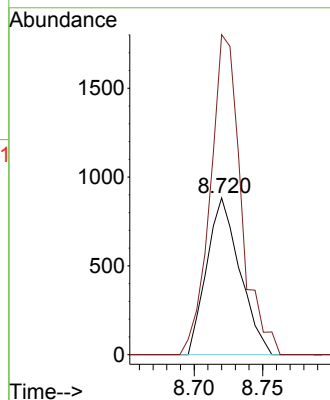
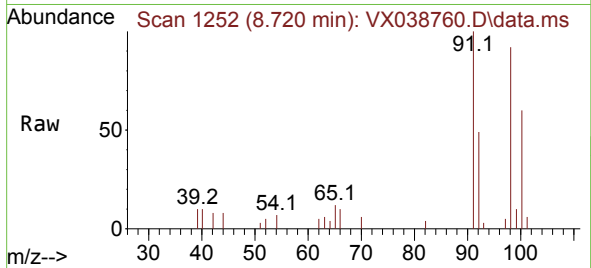




#52
Toluene
Concen: 0.202 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038760.D
Acq: 11 Nov 2023 05:32

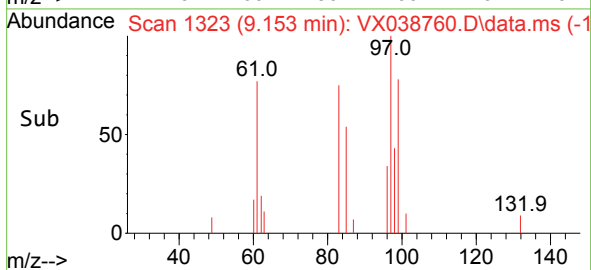
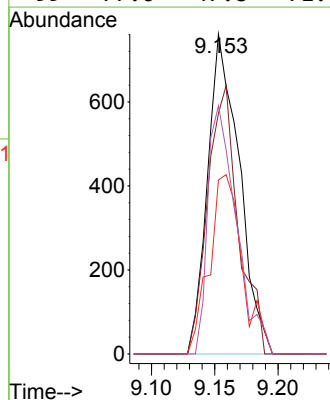
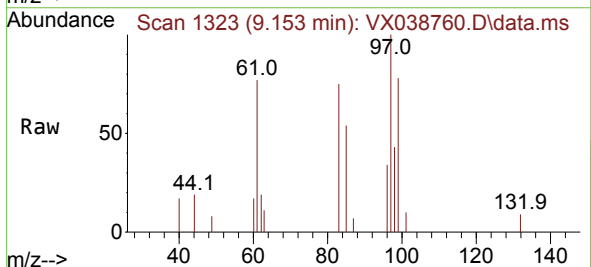
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20231107

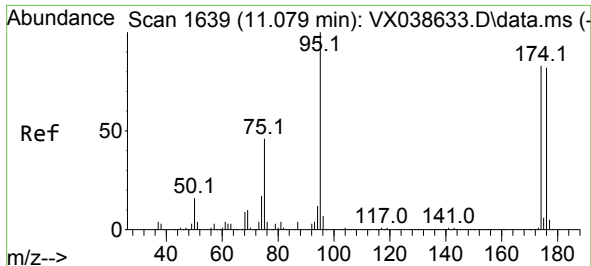
Tgt Ion: 92 Resp: 1487
Ion Ratio Lower Upper
92 100
91 189.3 134.2 201.2



#55
1,1,2-Trichloroethane
Concen: 0.425 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX038760.D
Acq: 11 Nov 2023 05:32

Tgt Ion: 97 Resp: 1326
Ion Ratio Lower Upper
97 100
83 75.2 65.8 98.8
85 54.3 41.6 62.4
99 77.6 47.8 71.8#

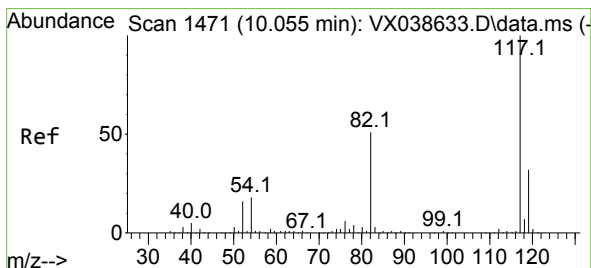
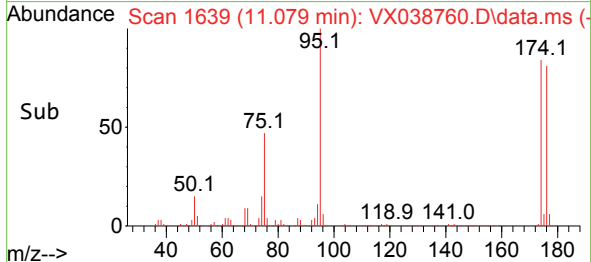
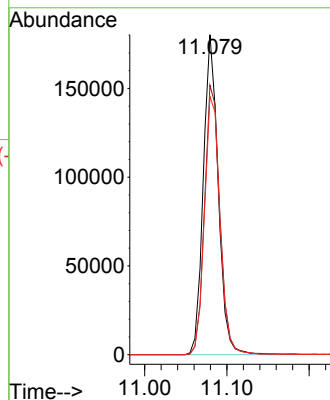
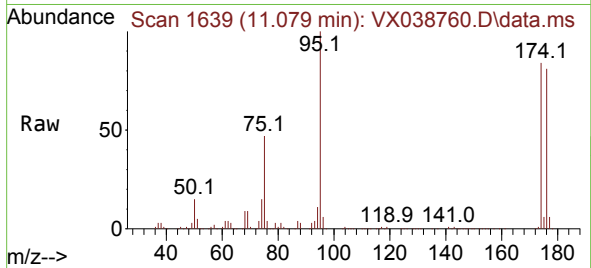




#62
4-Bromofluorobenzene
Concen: 51.931 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038760.D
Acq: 11 Nov 2023 05:32

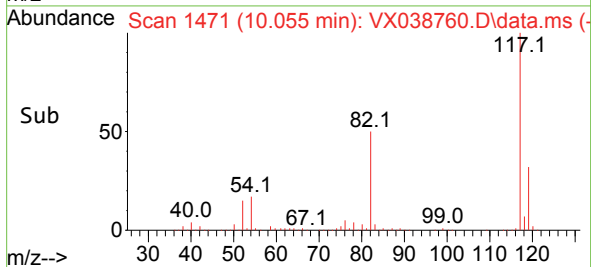
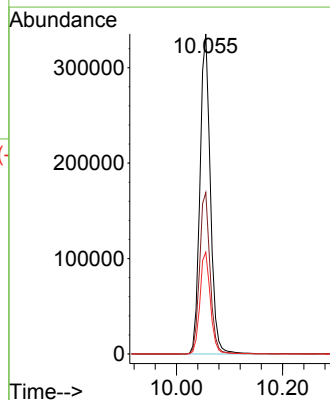
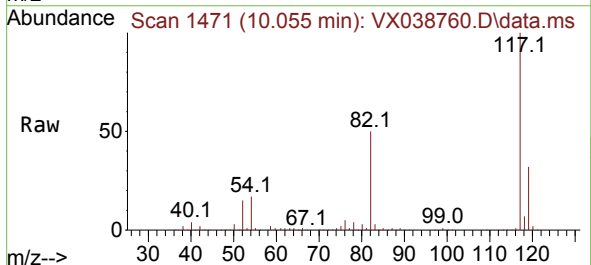
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20231107

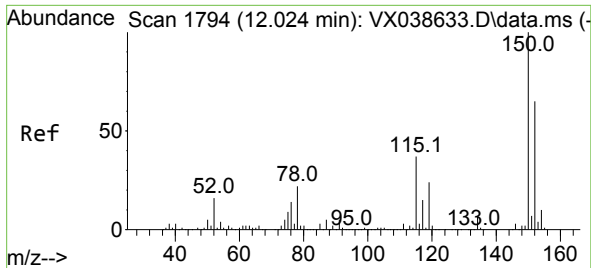
Tgt Ion: 95 Resp: 226203
Ion Ratio Lower Upper
95 100
174 87.9 0.0 135.6
176 84.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038760.D
Acq: 11 Nov 2023 05:32

Tgt Ion: 117 Resp: 458999
Ion Ratio Lower Upper
117 100
82 50.4 46.2 69.4
119 31.8 25.5 38.3

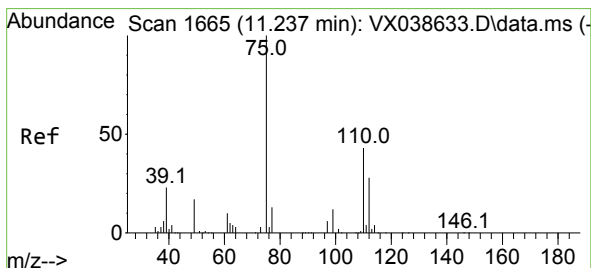
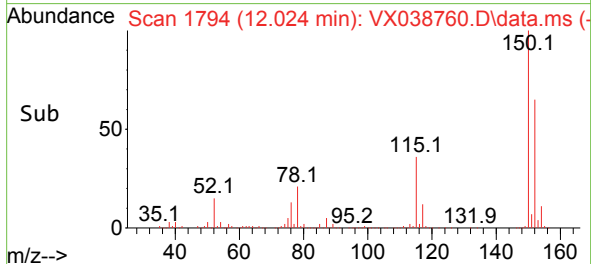
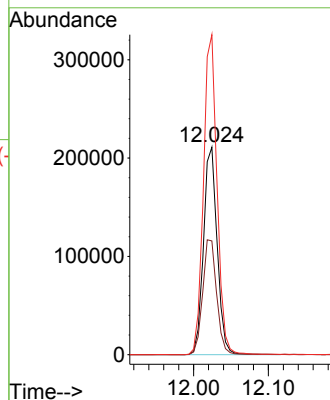
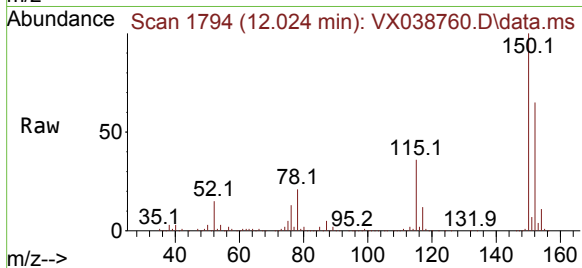




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038760.D
 Acq: 11 Nov 2023 05:32

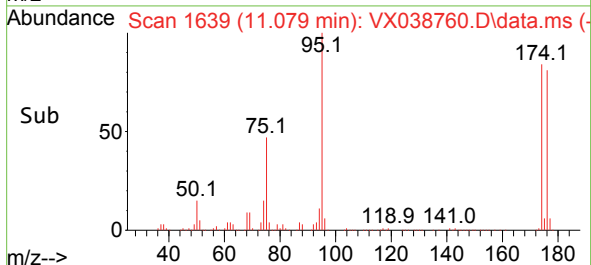
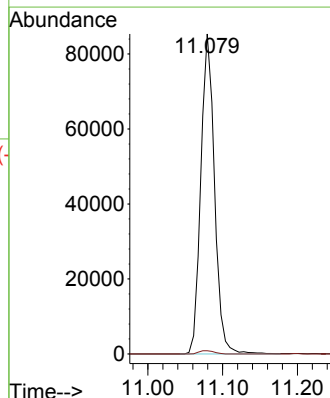
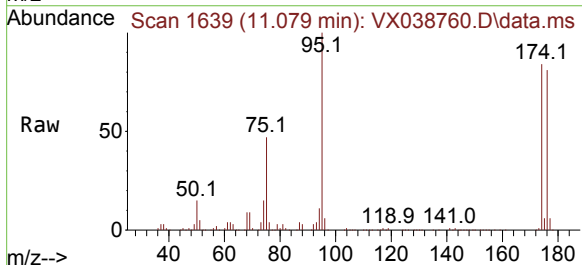
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20231107

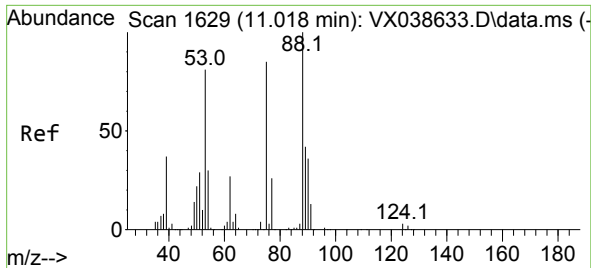
Tgt Ion:152 Resp: 267985
 Ion Ratio Lower Upper
 152 100
 115 56.7 43.3 129.9
 150 153.2 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 20.489 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX038760.D
 Acq: 11 Nov 2023 05:32

Tgt Ion: 75 Resp: 108741
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.451 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038760.D
 Acq: 11 Nov 2023 05:32

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20231107

Tgt Ion: 75 Resp: 108741
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

