

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037390.D
 Acq On : 30 Aug 2023 15:41
 Operator : JC/MD
 Sample : 04229-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 31 02:24:35 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

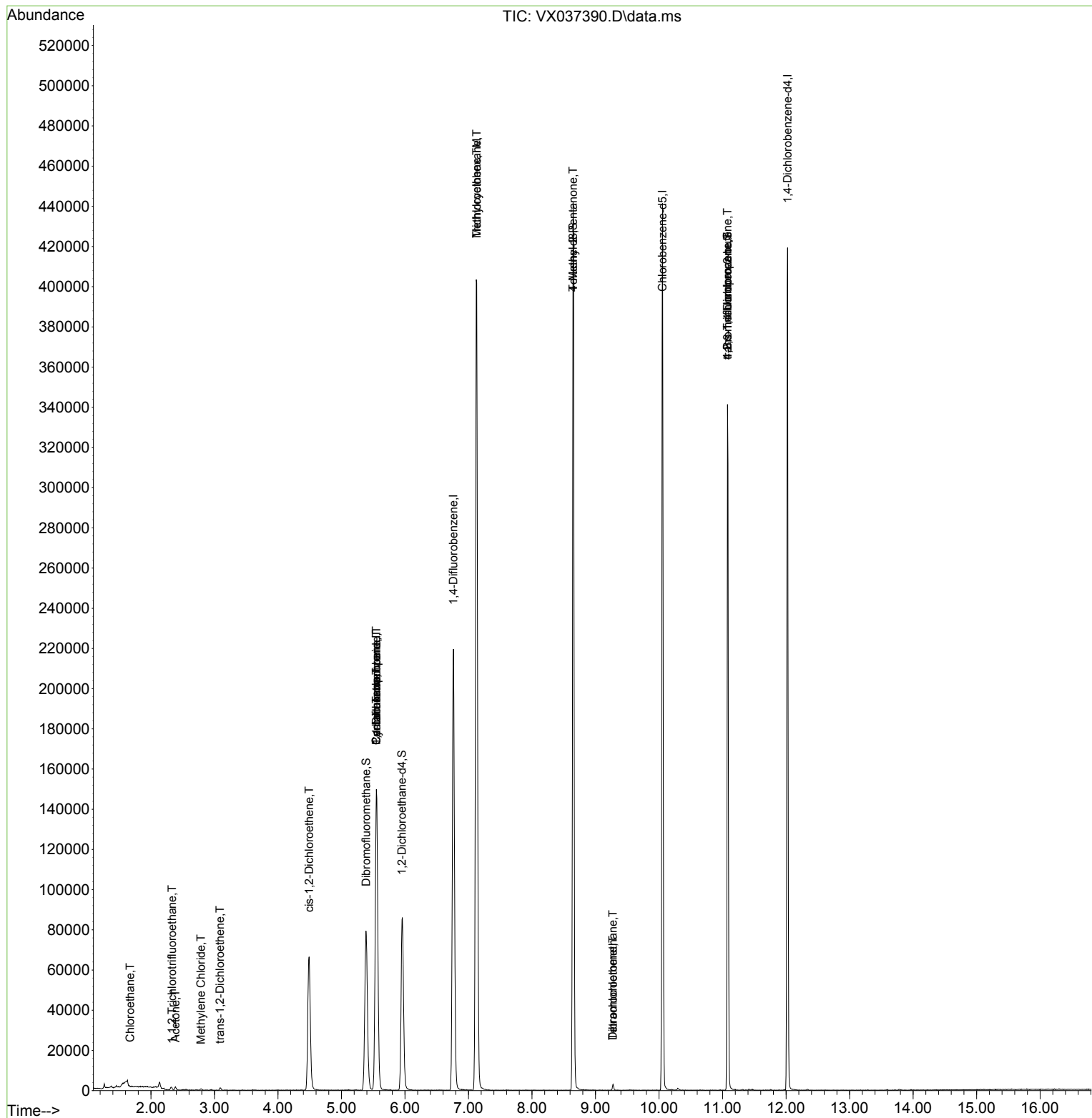
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

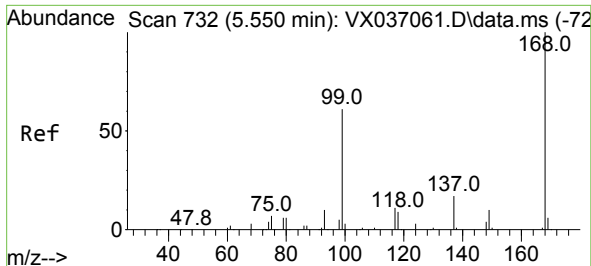
Internal Standards						
1) Pentafluorobenzene	5.550	168	142120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233376	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87140	42.530	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.060%
35) Dibromofluoromethane	5.385	113	71176	46.051	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.100%
50) Toluene-d8	8.647	98	273218	48.733	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.460%
62) 4-Bromofluorobenzene	11.079	95	97496	44.251	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.500%
Target Compounds						
					Qvalue	
6) Chloroethane	1.672	64	276	0.298	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.331	101	446	0.297	ug/l #	93
16) Acetone	2.386	43	1981	2.471	ug/l	98
20) Methylene Chloride	2.788	84	418	0.233	ug/l #	72
21) trans-1,2-Dichloroethene	3.087	96	523	0.314	ug/l #	69
27) cis-1,2-Dichloroethene	4.489	96	45770	23.345	ug/l	79
31) Cyclohexane	5.550	56	2720	1.181	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11324	5.157	ug/l #	50
38) Carbon Tetrachloride	5.550	117	14913	6.252	ug/l #	14
39) Methylcyclohexane	7.129	83	1870	0.811	ug/l #	1
44) Trichloroethene	7.129	130	166121	93.025	ug/l	94
51) 4-Methyl-2-Pentanone	8.647	43	1041	0.481	ug/l #	1
60) Dibromochloromethane	9.275	129	547	0.303	ug/l #	11
64) Tetrachloroethene	9.275	164	590	0.392	ug/l #	88
76) 1,2,3-Trichloropropane	11.079	75	48413	25.603	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	48413	71.510	ug/l #	5

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

Instrument :
MSVOA_X
ClientSampleId :

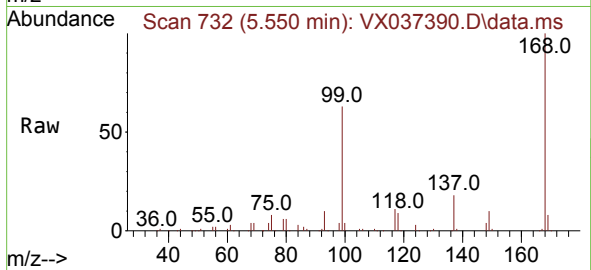
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MSVOA_X
ClientSampleId :



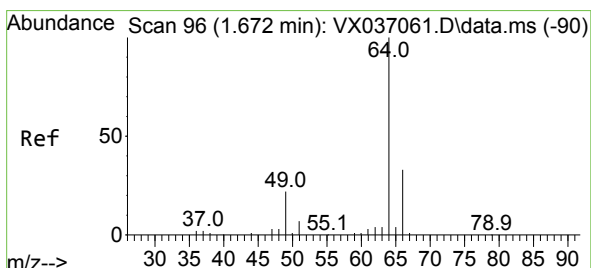
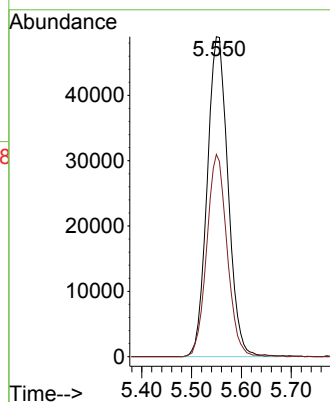
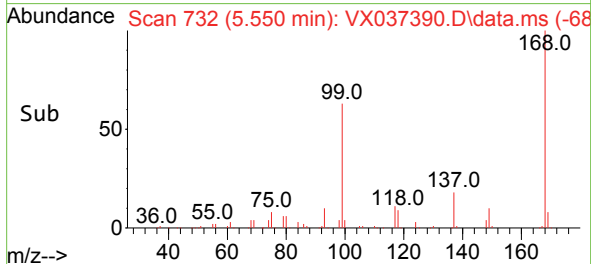


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037390.D
Acq: 30 Aug 2023 15:41

Instrument :
MSVOA_X
ClientSampleId :

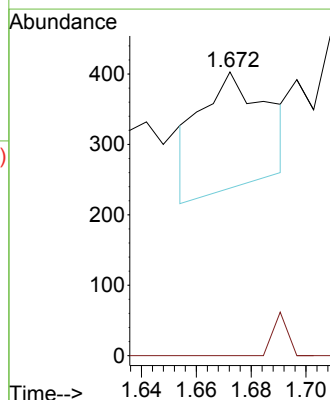
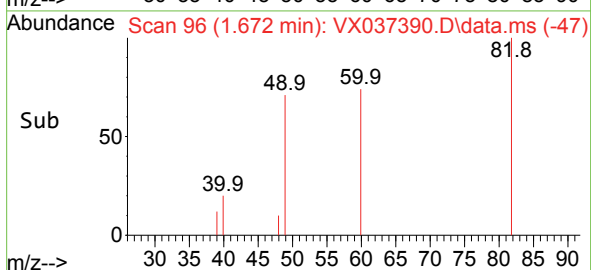
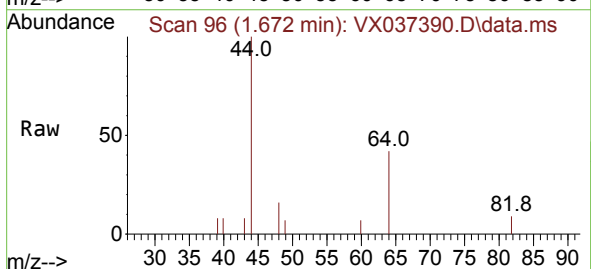


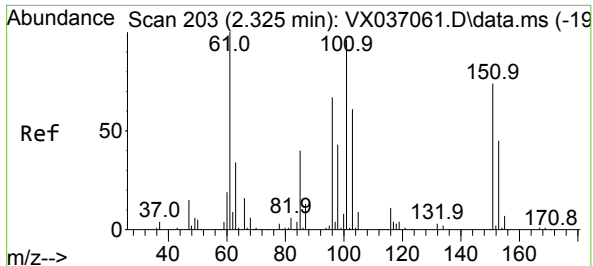
Tgt Ion:168 Resp: 142120
Ion Ratio Lower Upper
168 100
99 63.2 56.6 85.0



#6
Chloroethane
Concen: 0.298 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.000 min
Lab File: VX037390.D
Acq: 30 Aug 2023 15:41

Tgt Ion: 64 Resp: 276
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

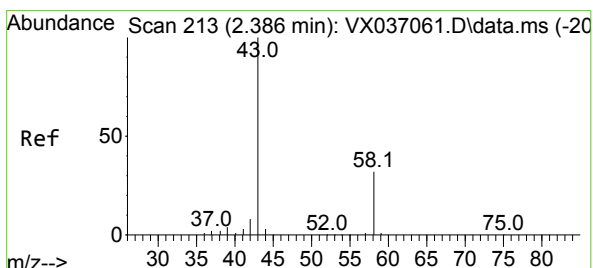
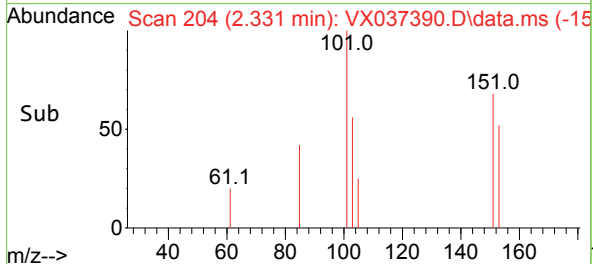
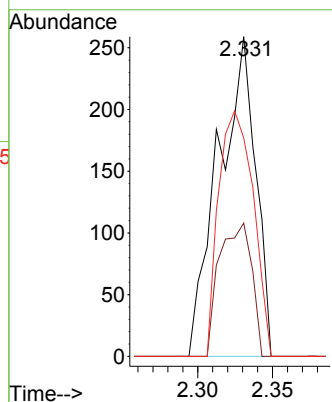
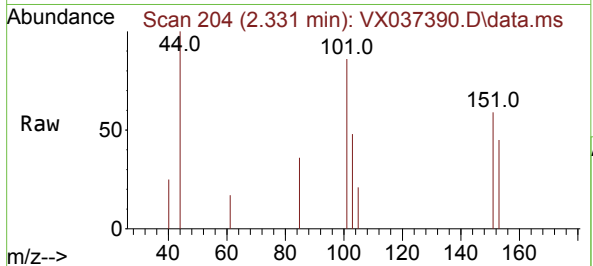




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.297 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX037390.D
Acq: 30 Aug 2023 15:41

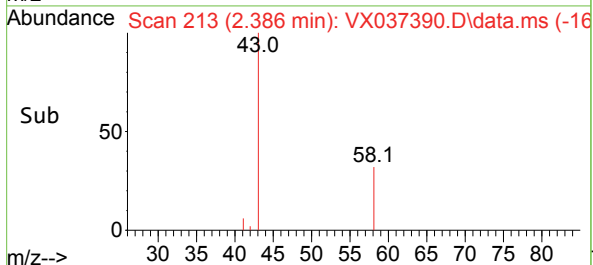
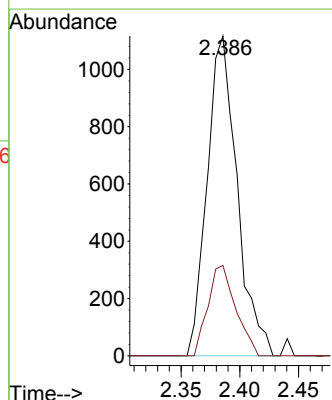
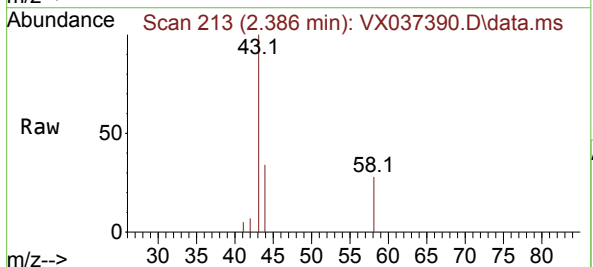
Instrument :
MSVOA_X
ClientSampleId :

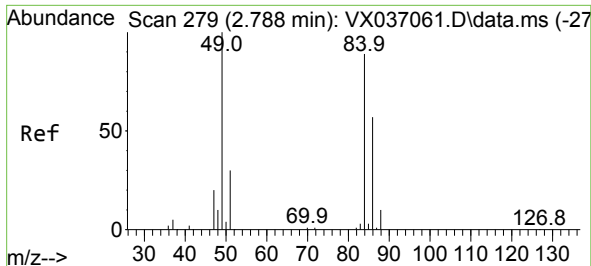
Tgt Ion:101 Resp: 446
Ion Ratio Lower Upper
101 100
85 36.3 37.0 55.6#
151 71.5 58.6 87.8



#16
Acetone
Concen: 2.471 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037390.D
Acq: 30 Aug 2023 15:41

Tgt Ion: 43 Resp: 1981
Ion Ratio Lower Upper
43 100
58 28.3 21.9 32.9





#20

Methylene Chloride

Concen: 0.233 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

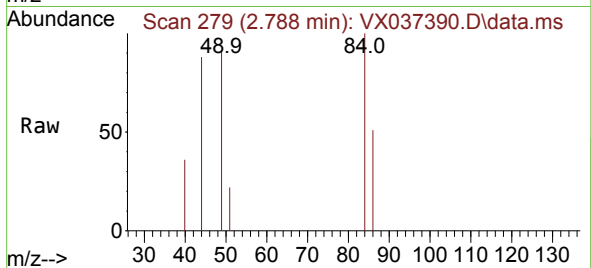
Lab File: VX037390.D

Acq: 30 Aug 2023 15:41

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 418

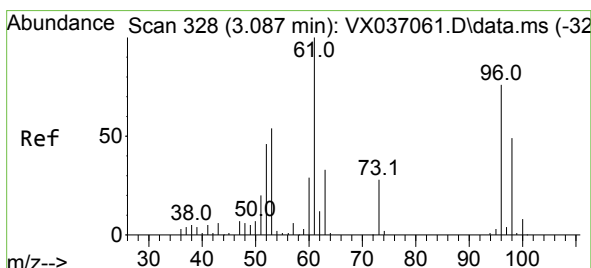
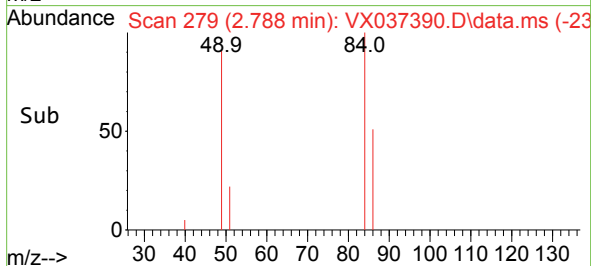
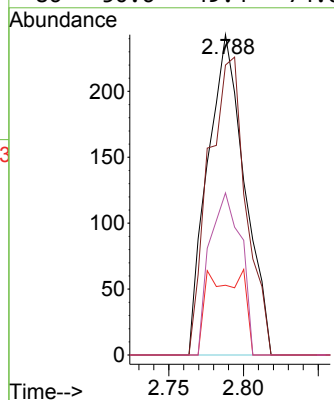
Ion Ratio Lower Upper

84 100

49 90.5 103.6 155.4#

51 21.8 33.8 50.6#

86 50.6 49.4 74.0



#21

trans-1,2-Dichloroethene

Concen: 0.314 ug/l

RT: 3.087 min Scan# 328

Delta R.T. -0.000 min

Lab File: VX037390.D

Acq: 30 Aug 2023 15:41

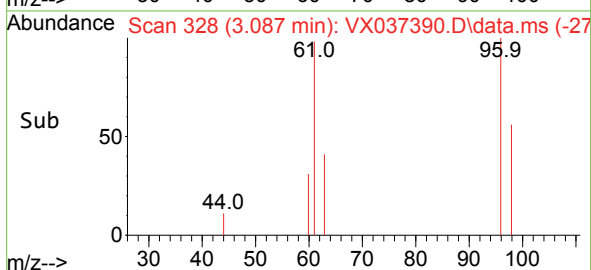
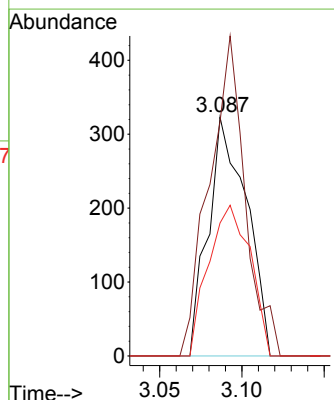
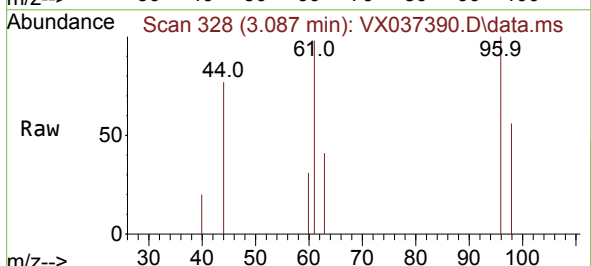
Tgt Ion: 96 Resp: 523

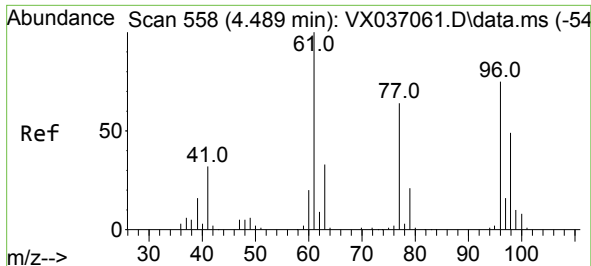
Ion Ratio Lower Upper

96 100

61 98.1 119.2 178.8#

98 55.7 48.7 73.1

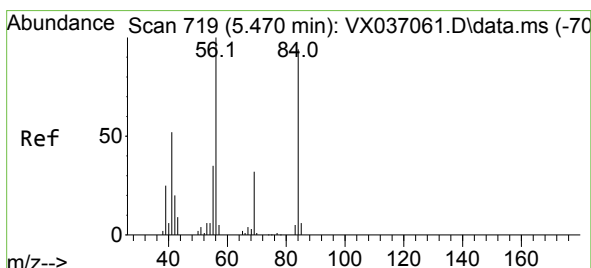
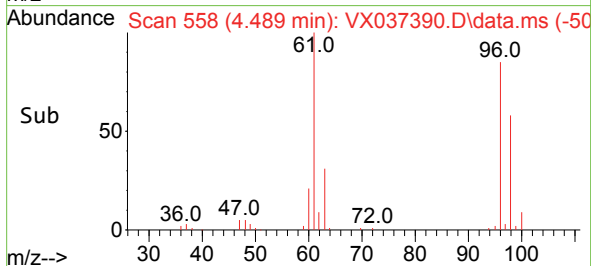
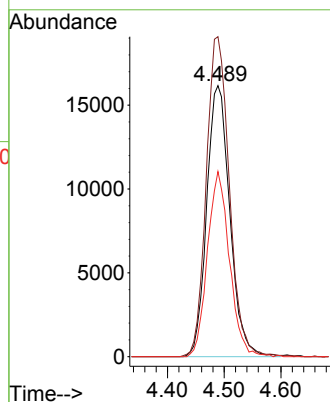
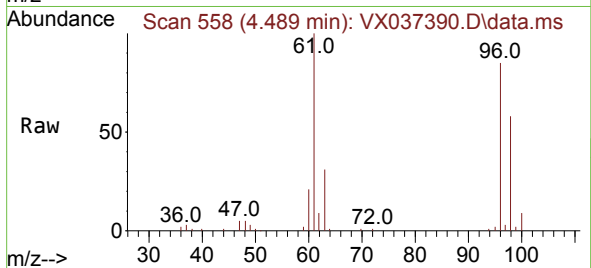




#27
 cis-1,2-Dichloroethene
 Concen: 23.345 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX037390.D
 Acq: 30 Aug 2023 15:41

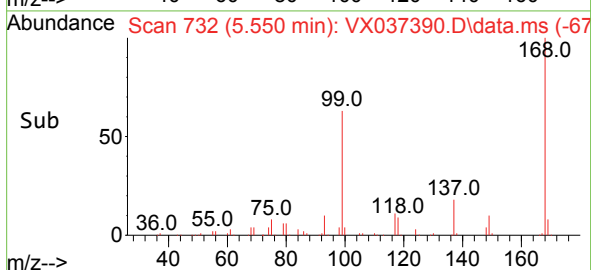
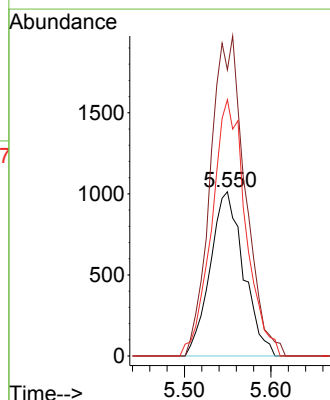
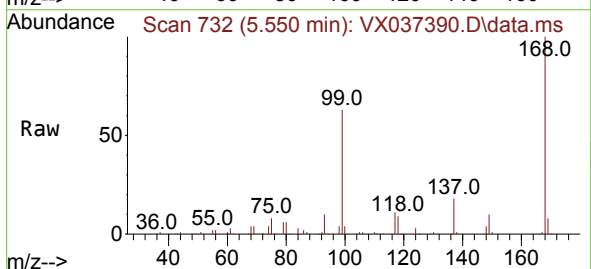
Instrument :
 MSVOA_X
 ClientSampleId :

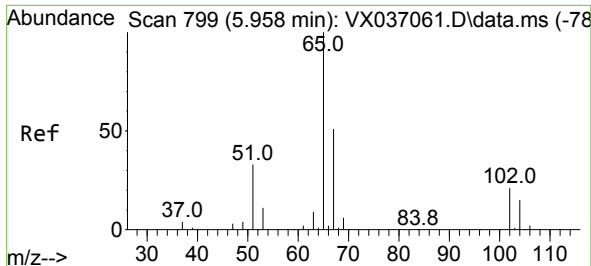
Tgt Ion: 96 Resp: 45770
 Ion Ratio Lower Upper
 96 100
 61 117.8 0.0 312.2
 98 64.9 0.0 129.0



#31
 Cyclohexane
 Concen: 1.181 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. 0.079 min
 Lab File: VX037390.D
 Acq: 30 Aug 2023 15:41

Tgt Ion: 56 Resp: 2720
 Ion Ratio Lower Upper
 56 100
 69 174.2 23.4 35.2#
 84 156.1 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 42.530 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037390.D

Acq: 30 Aug 2023 15:41

Instrument :

MSVOA_X

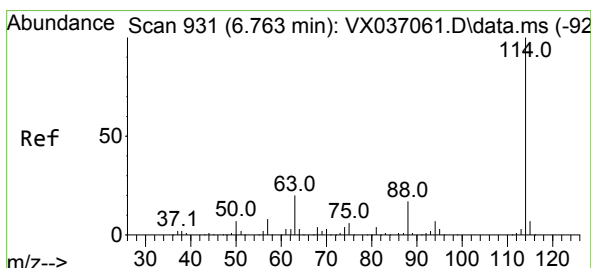
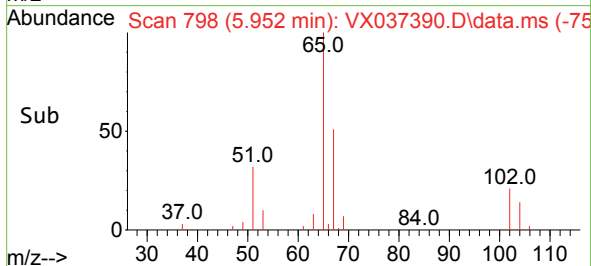
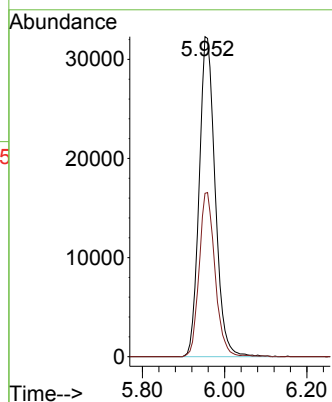
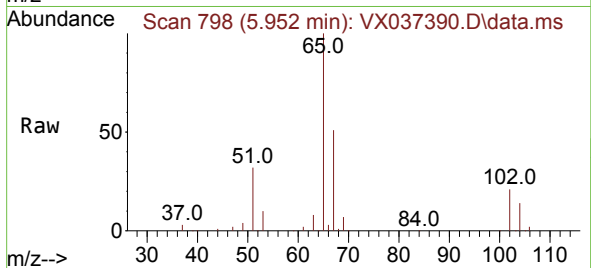
ClientSampleId :

Tgt Ion: 65 Resp: 87140

Ion Ratio Lower Upper

65 100

67 50.6 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: VX037390.D

Acq: 30 Aug 2023 15:41

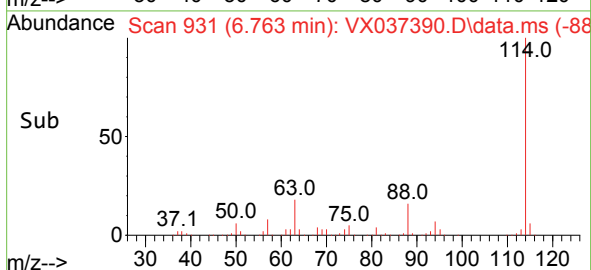
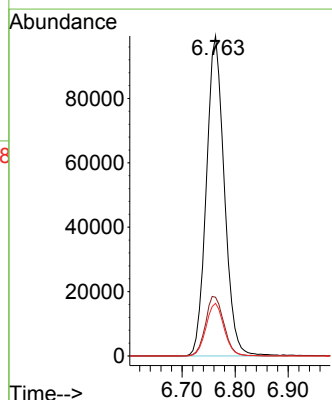
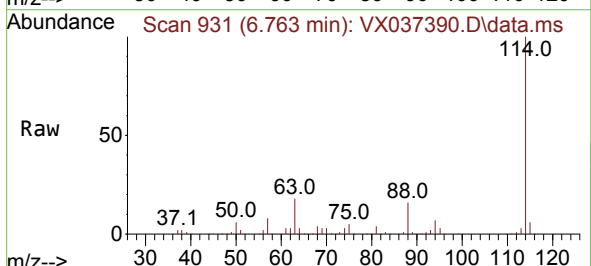
Tgt Ion: 114 Resp: 233376

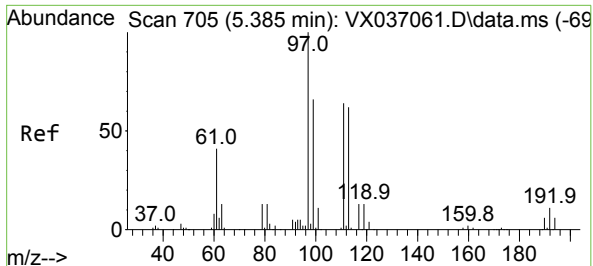
Ion Ratio Lower Upper

114 100

63 18.3 0.0 45.0

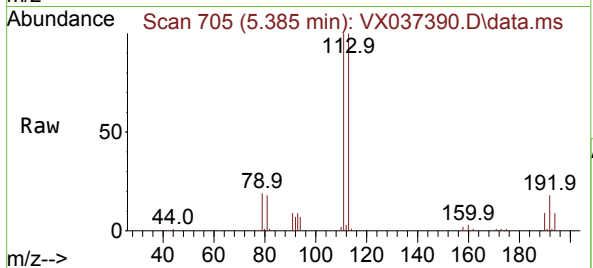
88 16.5 0.0 36.6



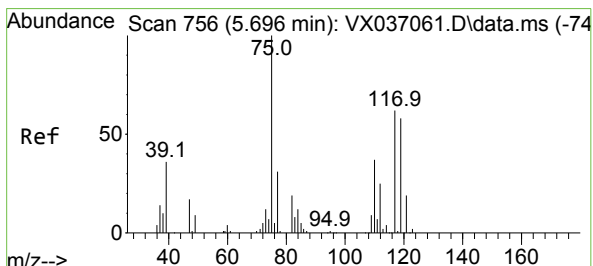
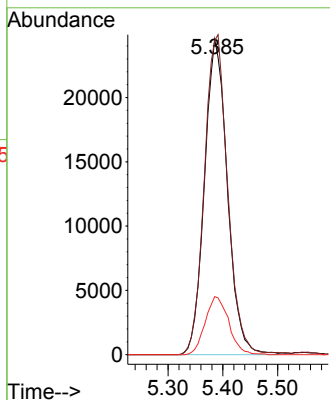
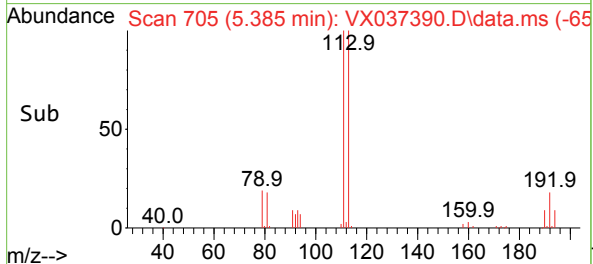


#35
Dibromofluoromethane
Concen: 46.051 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037390.D
Acq: 30 Aug 2023 15:41

Instrument :
MSVOA_X
ClientSampleId :

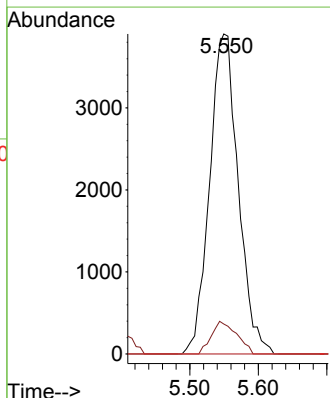
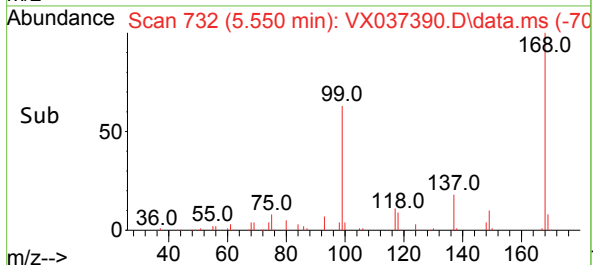
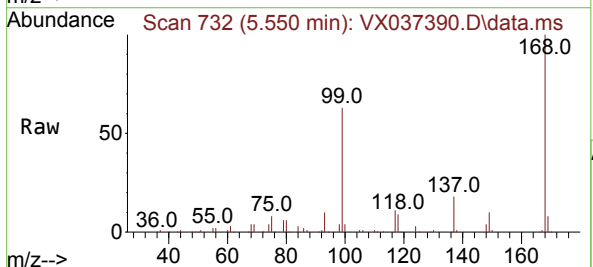


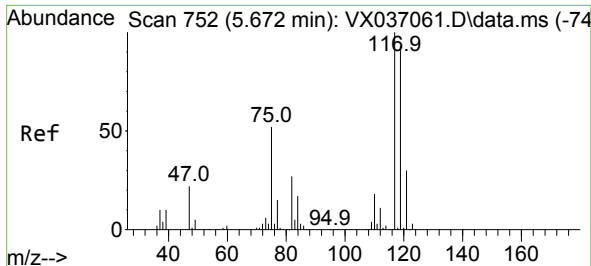
Tgt Ion:113 Resp: 71176
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 18.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.157 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037390.D
Acq: 30 Aug 2023 15:41

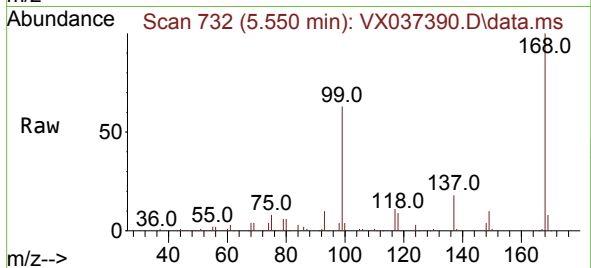
Tgt Ion: 75 Resp: 11324
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



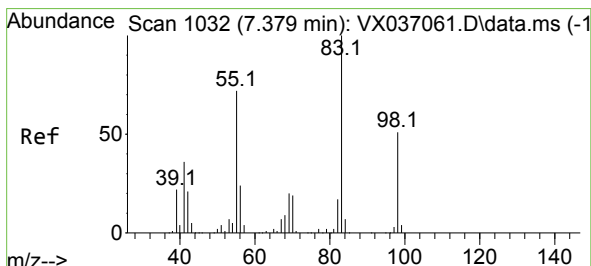
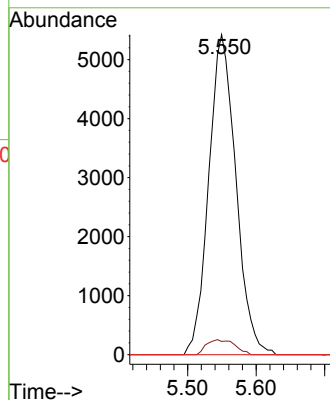
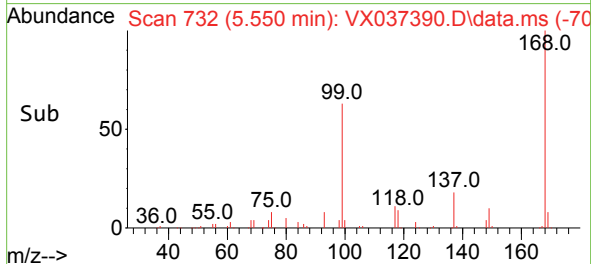


#38
Carbon Tetrachloride
Concen: 6.252 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037390.D
Acq: 30 Aug 2023 15:41

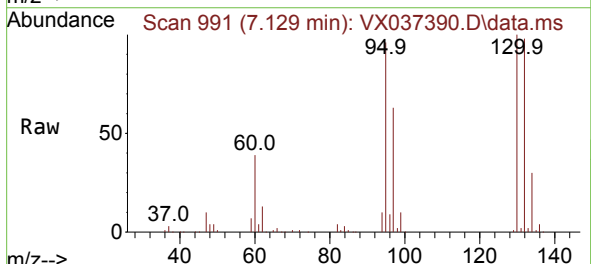
Instrument :
MSVOA_X
ClientSampleId :



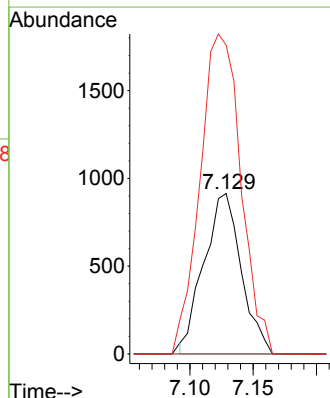
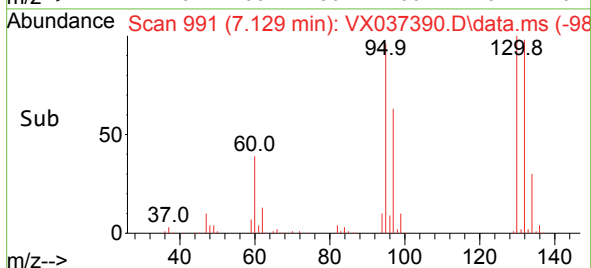
Tgt Ion:117 Resp: 14913
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#

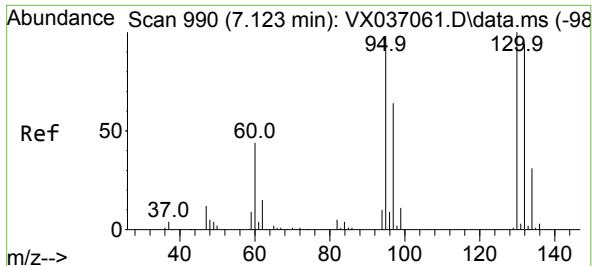


#39
Methylcyclohexane
Concen: 0.811 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.250 min
Lab File: VX037390.D
Acq: 30 Aug 2023 15:41



Tgt Ion: 83 Resp: 1870
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 192.5 36.7 55.1#

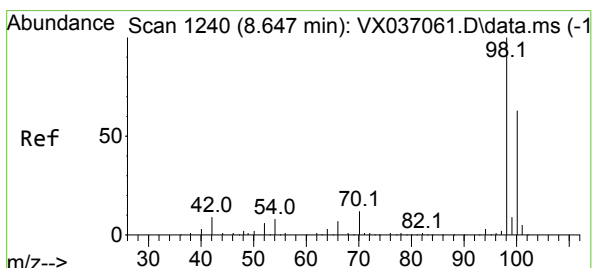
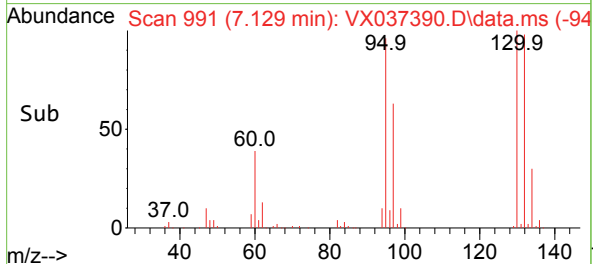
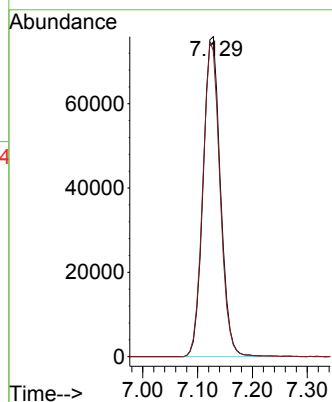
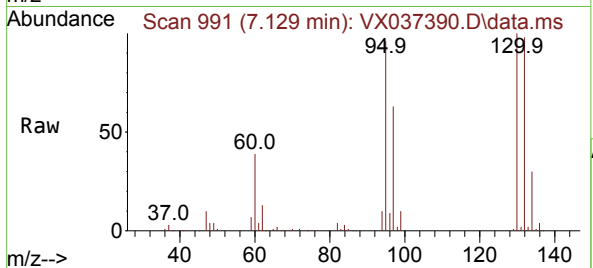




#44
Trichloroethene
Concen: 93.025 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037390.D
Acq: 30 Aug 2023 15:41

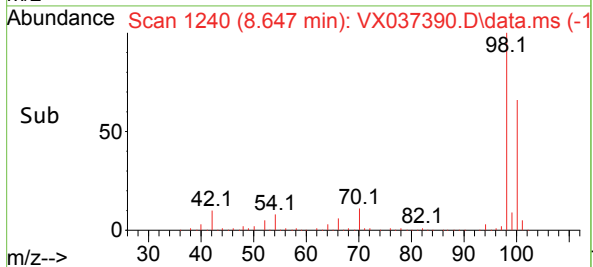
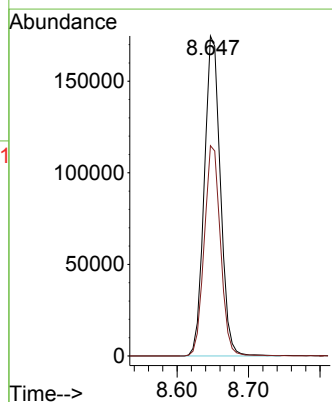
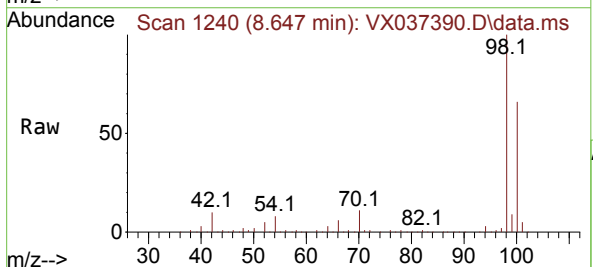
Instrument :
MSVOA_X
ClientSampleId :

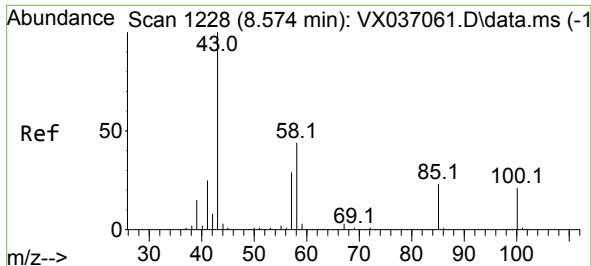
Tgt Ion:130 Resp: 166121
Ion Ratio Lower Upper
130 100
95 95.7 0.0 204.4



#50
Toluene-d8
Concen: 48.733 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037390.D
Acq: 30 Aug 2023 15:41

Tgt Ion: 98 Resp: 273218
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7

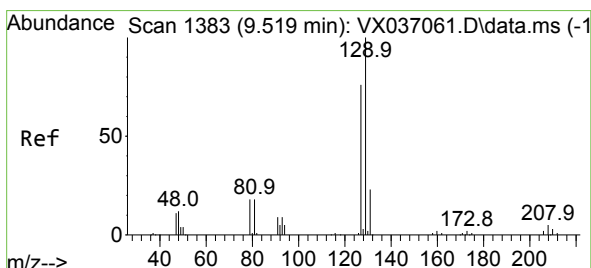
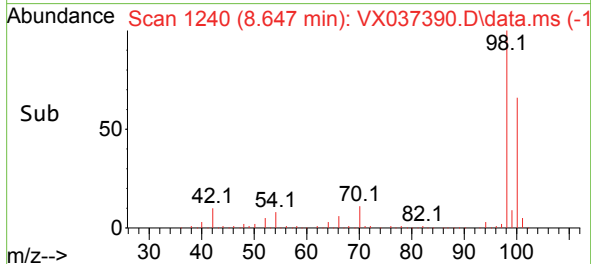
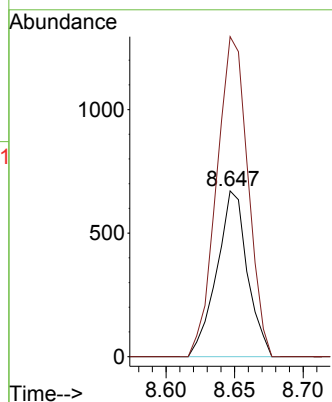
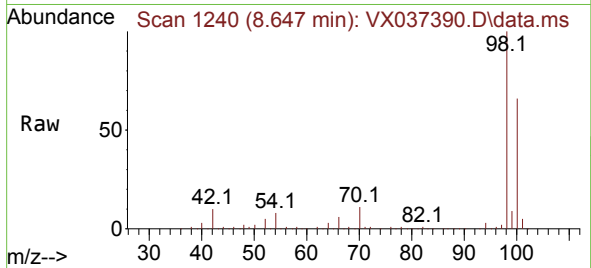




#51
4-Methyl-2-Pentanone
Concen: 0.481 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037390.D
Acq: 30 Aug 2023 15:41

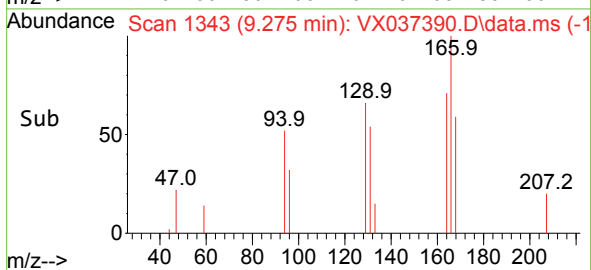
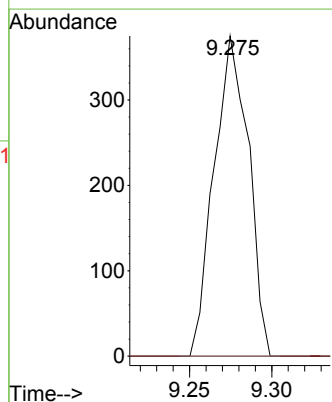
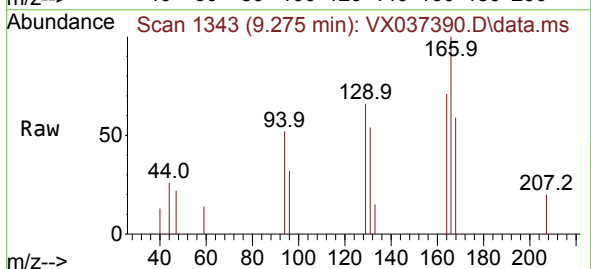
Instrument :
MSVOA_X
ClientSampleId :

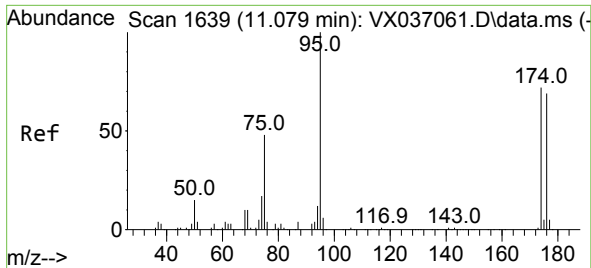
Tgt Ion: 43 Resp: 1041
Ion Ratio Lower Upper
43 100
58 198.0 30.4 45.6#



#60
Dibromochloromethane
Concen: 0.303 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX037390.D
Acq: 30 Aug 2023 15:41

Tgt Ion: 129 Resp: 547
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

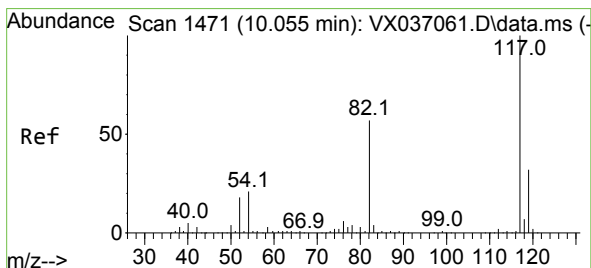
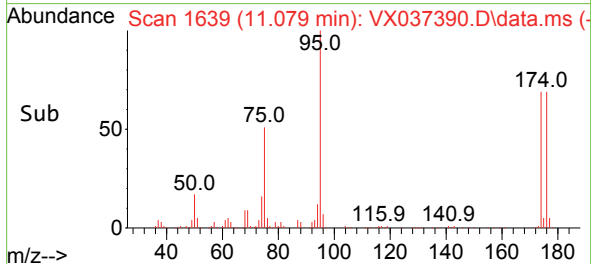
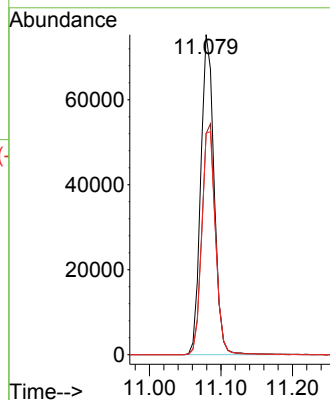
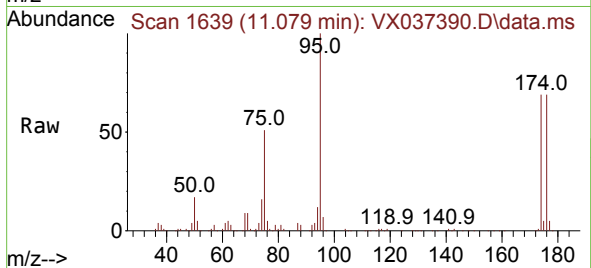




#62
4-Bromofluorobenzene
Concen: 44.251 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037390.D
Acq: 30 Aug 2023 15:41

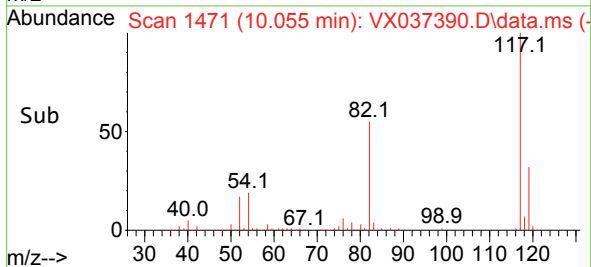
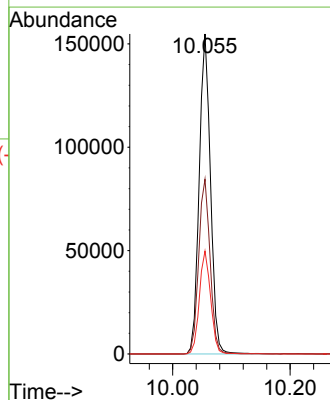
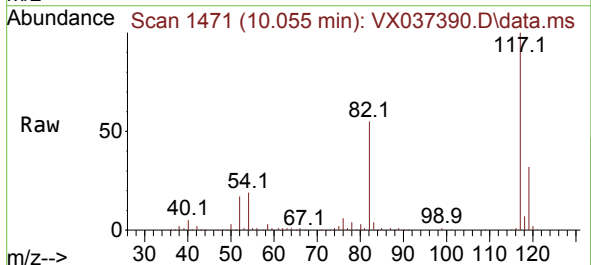
Instrument :
MSVOA_X
ClientSampleId :

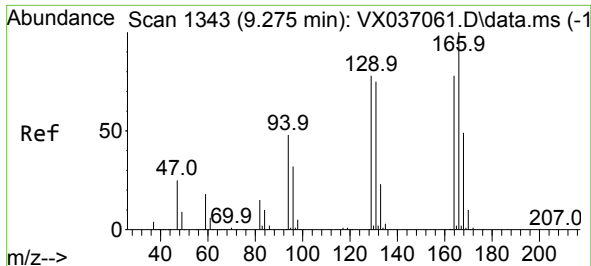
Tgt Ion: 95 Resp: 97496
Ion Ratio Lower Upper
95 100
174 73.5 0.0 135.6
176 72.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037390.D
Acq: 30 Aug 2023 15:41

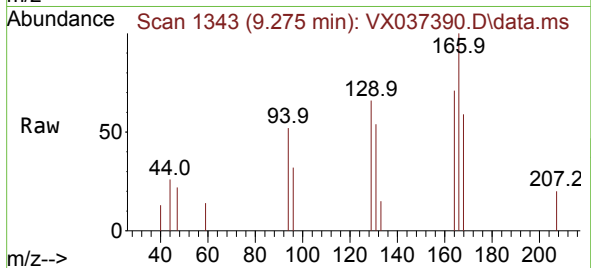
Tgt Ion: 117 Resp: 206524
Ion Ratio Lower Upper
117 100
82 54.6 46.2 69.4
119 32.2 25.5 38.3



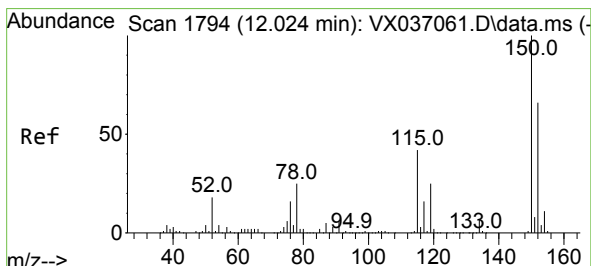
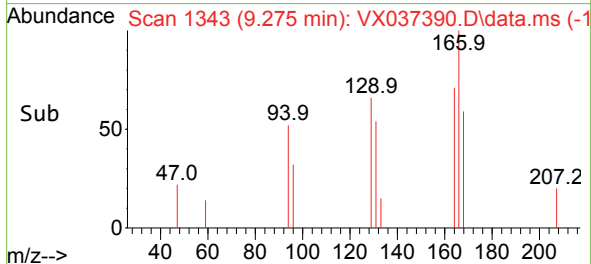
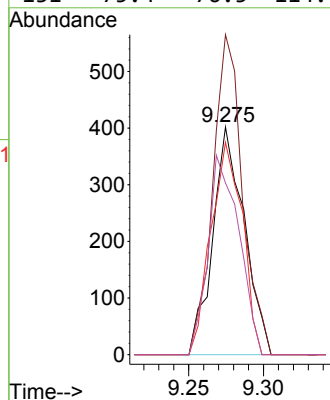


#64
Tetrachloroethene
Concen: 0.392 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037390.D
Acq: 30 Aug 2023 15:41

Instrument :
MSVOA_X
ClientSampleId :

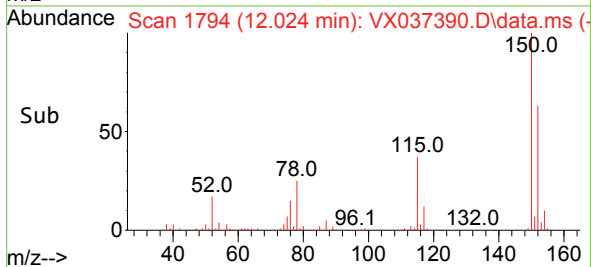
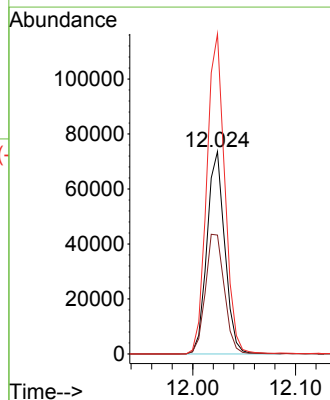
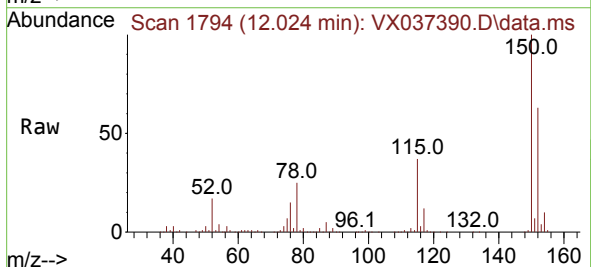


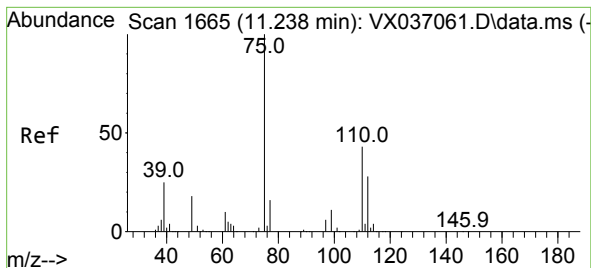
Tgt Ion:164 Resp: 590
Ion Ratio Lower Upper
164 100
166 140.5 102.7 154.1
129 93.3 80.4 120.6
131 75.4 76.5 114.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037390.D
Acq: 30 Aug 2023 15:41

Tgt Ion:152 Resp: 88789
Ion Ratio Lower Upper
152 100
115 63.1 43.3 129.9
150 159.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.603 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037390.D

Acq: 30 Aug 2023 15:41

Instrument :

MSVOA_X

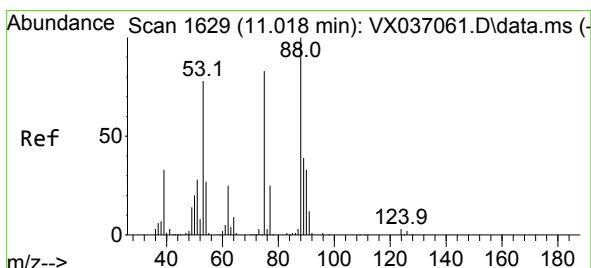
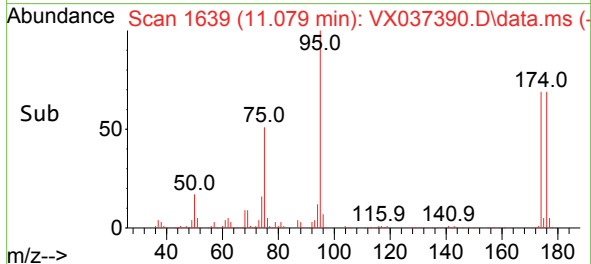
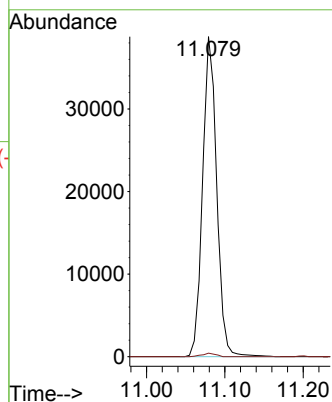
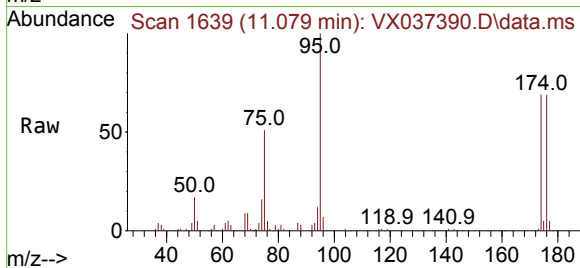
ClientSampleId :

Tgt Ion: 75 Resp: 48413

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.510 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037390.D

Acq: 30 Aug 2023 15:41

Tgt Ion: 75 Resp: 48413

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

