

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
 Data File : VX037449.D
 Acq On : 31 Aug 2023 22:45
 Operator : JC/MD
 Sample : 04252-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 01 03:19:20 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)

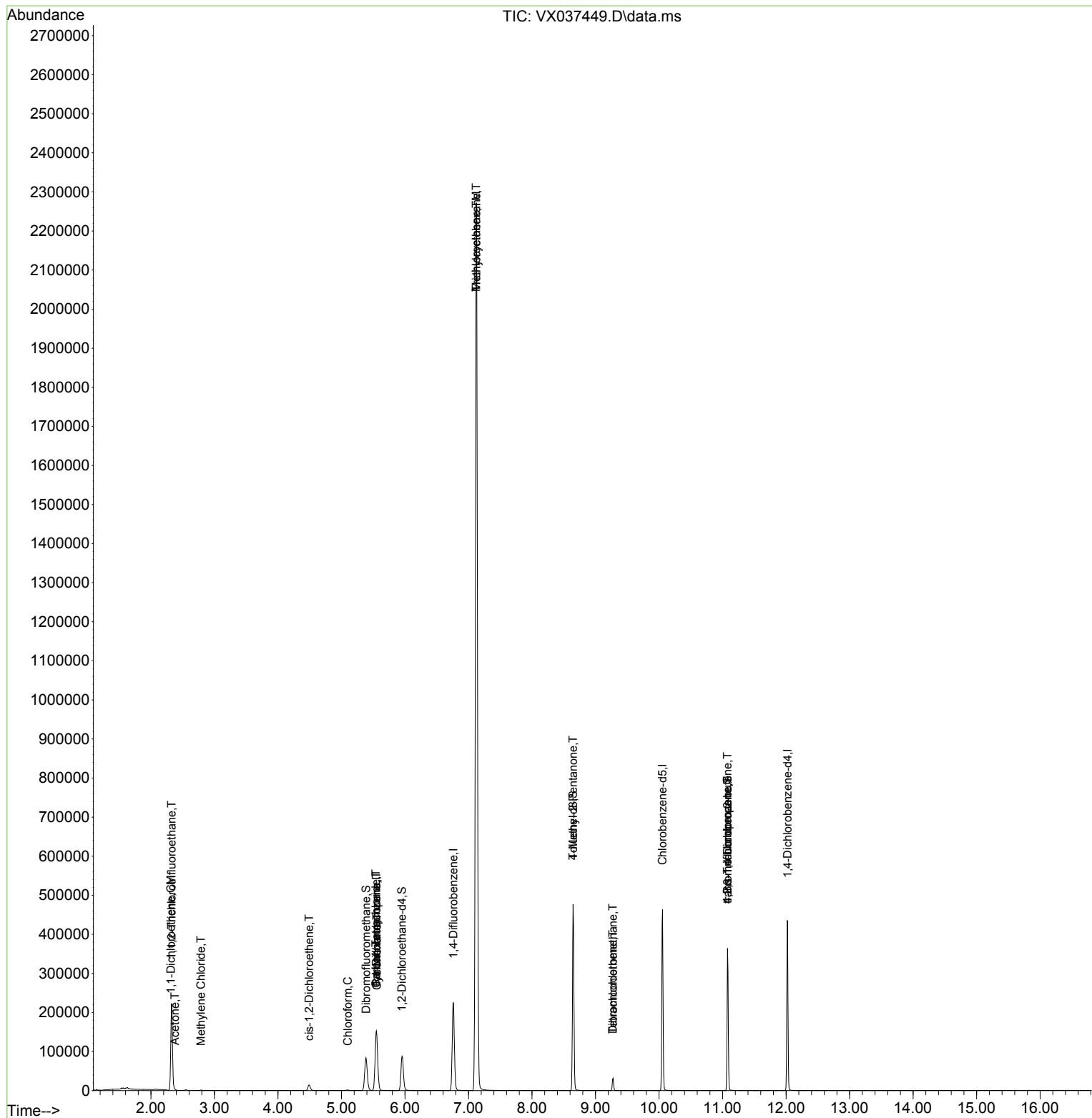
Internal Standards						
1) Pentafluorobenzene	5.550	168	145377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	245132	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89358	42.635	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	85.280%	
35) Dibromofluoromethane	5.385	113	74644	45.979	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	91.960%	
50) Toluene-d8	8.647	98	284875	48.375	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	96.760%	
62) 4-Bromofluorobenzene	11.079	95	102015	44.081	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	88.160%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	88471	57.570	ug/l	96
12) 1,1-Dichloroethene	2.313	96	819	0.547	ug/l #	78
16) Acetone	2.380	43	1167	1.423	ug/l	94
20) Methylene Chloride	2.788	84	594	0.324	ug/l #	80
27) cis-1,2-Dichloroethene	4.489	96	10193	5.082	ug/l	78
30) Chloroform	5.099	83	2070	0.619	ug/l	97
31) Cyclohexane	5.556	56	2682	1.138	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11602	5.030	ug/l #	51
38) Carbon Tetrachloride	5.544	117	15617	6.233	ug/l #	16
39) Methylcyclohexane	7.123	83	10523	4.342	ug/l #	1
44) Trichloroethene	7.123	130	924188	492.711	ug/l	94
51) 4-Methyl-2-Pentanone	8.647	43	953	0.420	ug/l #	1
60) Dibromochloromethane	9.275	129	6141	3.241	ug/l #	11
64) Tetrachloroethene	9.275	164	5867	3.695	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	50078	24.899	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	50078	69.544	ug/l #	5

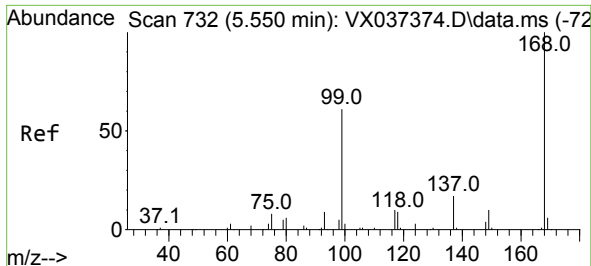
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 01 03:19:20 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

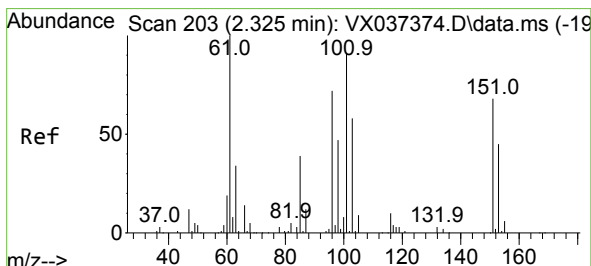
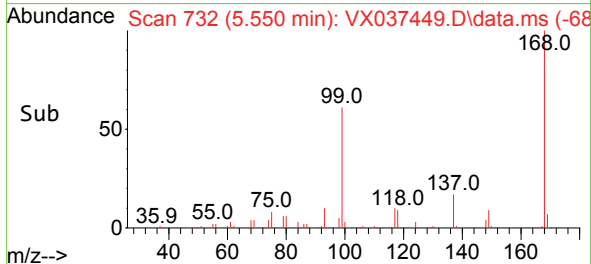
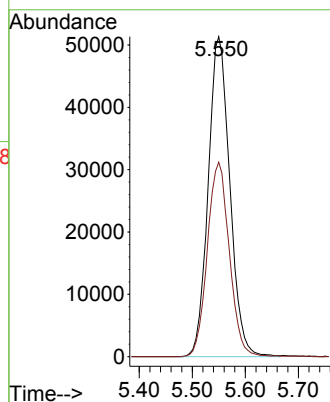
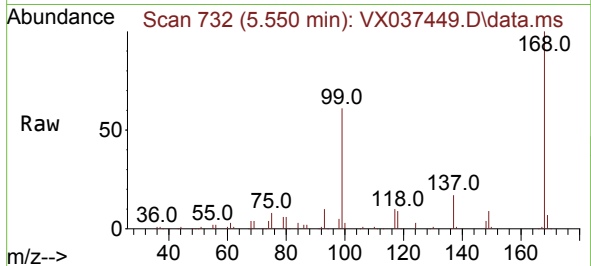




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037449.D
Acq: 31 Aug 2023 22:45

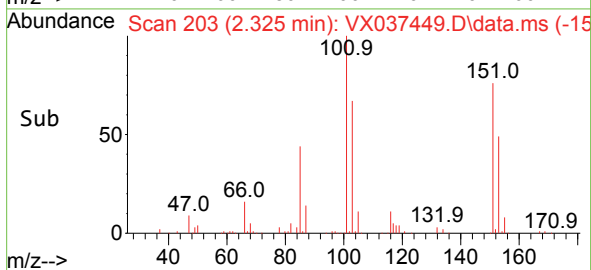
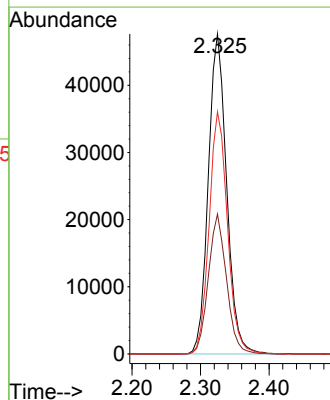
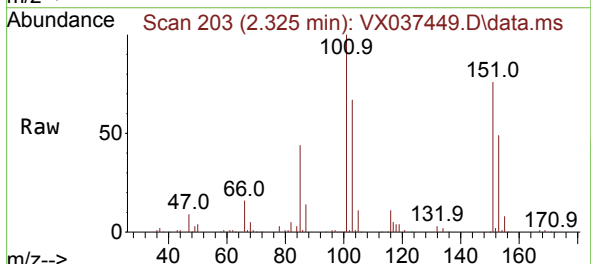
Instrument :
MSVOA_X
ClientSampleId :

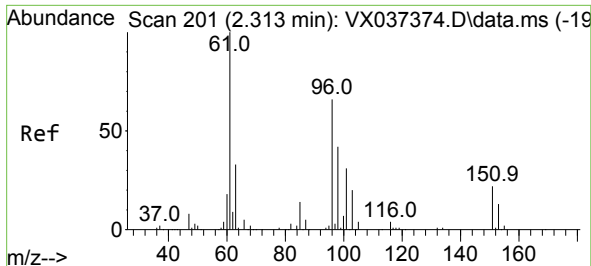
Tgt Ion:168 Resp: 145377
Ion Ratio Lower Upper
168 100
99 60.7 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.570 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037449.D
Acq: 31 Aug 2023 22:45

Tgt Ion:101 Resp: 88471
Ion Ratio Lower Upper
101 100
85 43.4 37.0 55.6
151 75.9 58.6 87.8





#12

1,1-Dichloroethene

Concen: 0.547 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX037449.D

Acq: 31 Aug 2023 22:45

Instrument :

MSVOA_X

ClientSampleId :

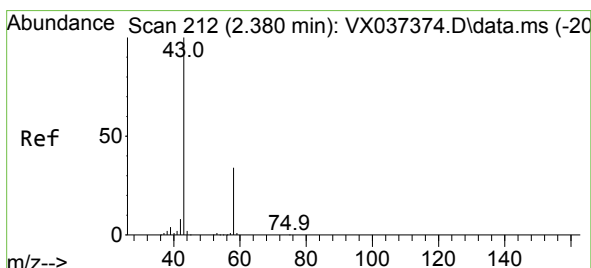
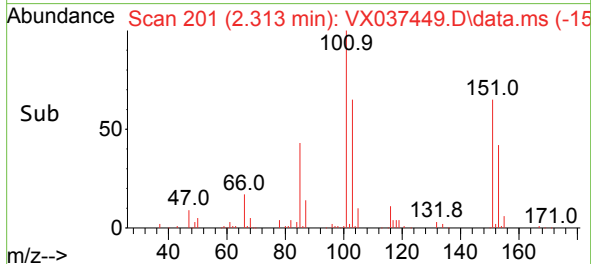
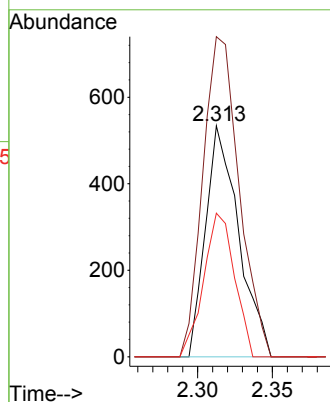
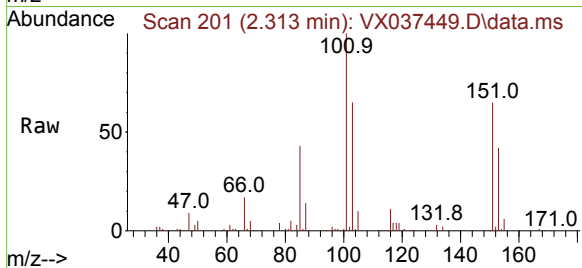
Tgt Ion: 96 Resp: 819

Ion Ratio Lower Upper

96 100

61 138.6 144.6 216.8#

98 62.2 50.4 75.6



#16

Acetone

Concen: 1.423 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX037449.D

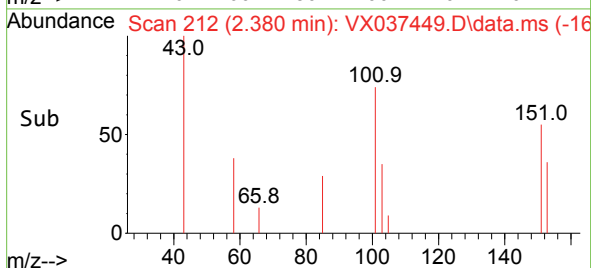
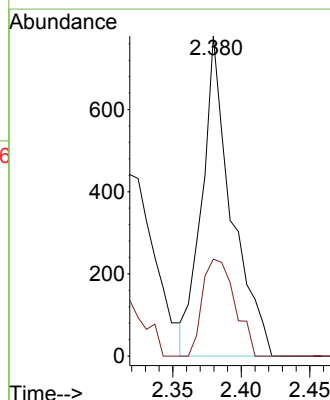
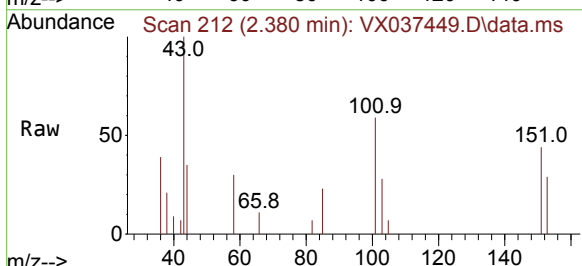
Acq: 31 Aug 2023 22:45

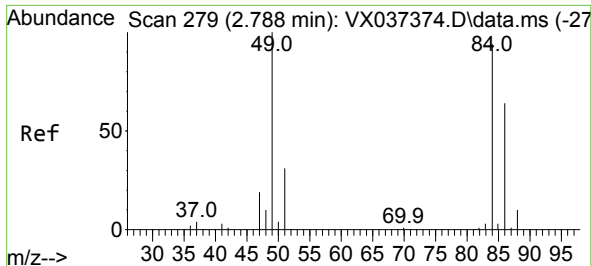
Tgt Ion: 43 Resp: 1167

Ion Ratio Lower Upper

43 100

58 30.3 21.9 32.9





#20

Methylene Chloride

Concen: 0.324 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

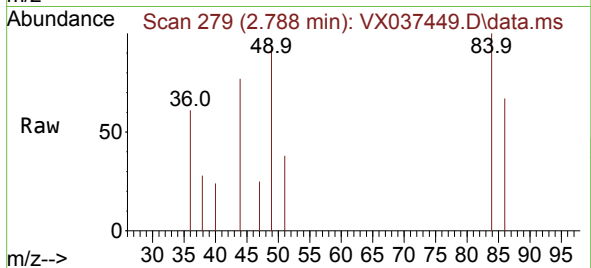
Lab File: VX037449.D

Acq: 31 Aug 2023 22:45

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 594

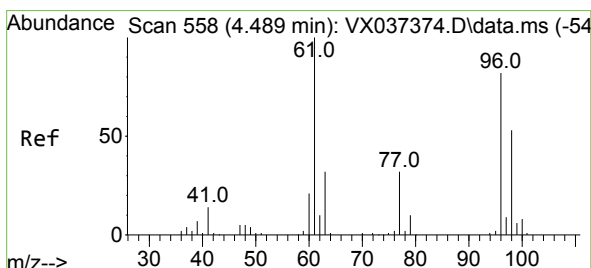
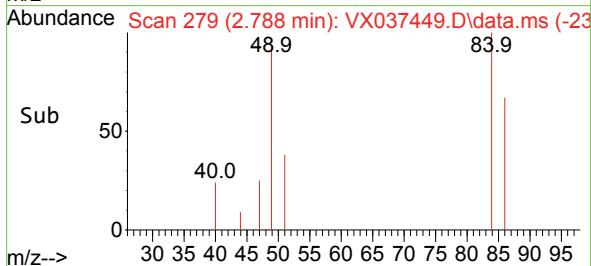
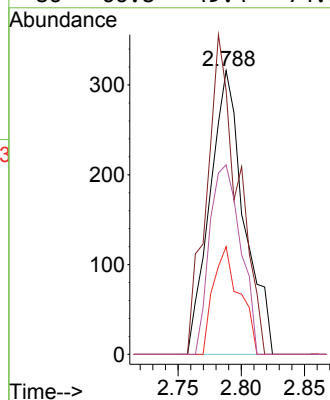
Ion Ratio Lower Upper

84 100

49 93.0 103.6 155.4#

51 38.0 33.8 50.6

86 66.8 49.4 74.0



#27

cis-1,2-Dichloroethene

Concen: 5.082 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX037449.D

Acq: 31 Aug 2023 22:45

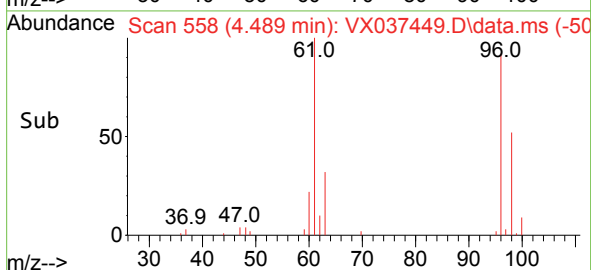
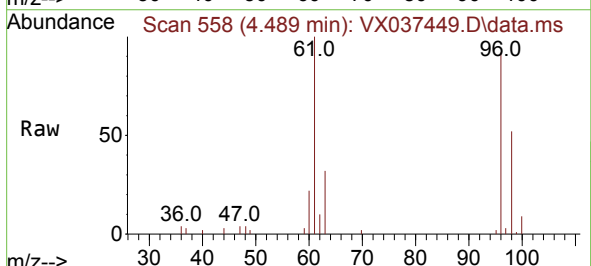
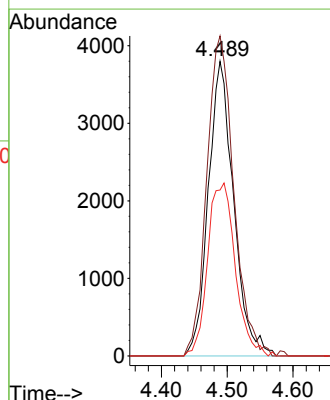
Tgt Ion: 96 Resp: 10193

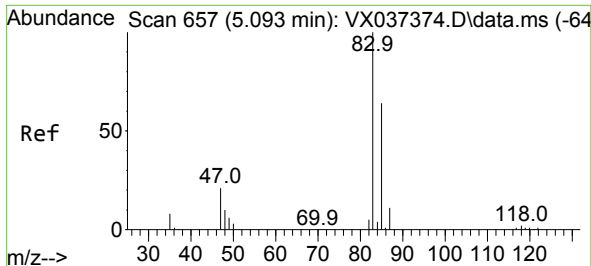
Ion Ratio Lower Upper

96 100

61 115.5 0.0 312.2

98 63.9 0.0 129.0





#30

Chloroform

Concen: 0.619 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX037449.D

Acq: 31 Aug 2023 22:45

Instrument :

MSVOA_X

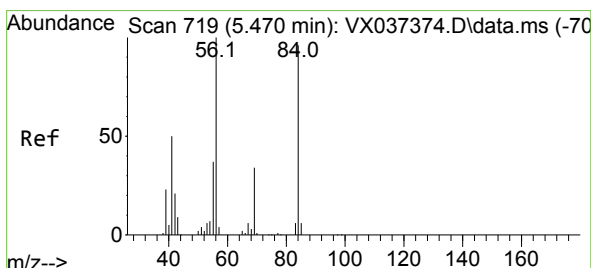
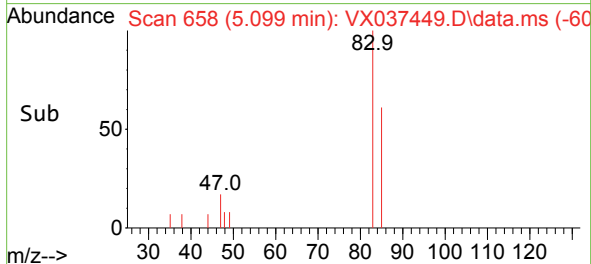
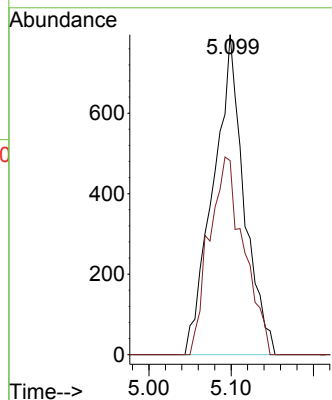
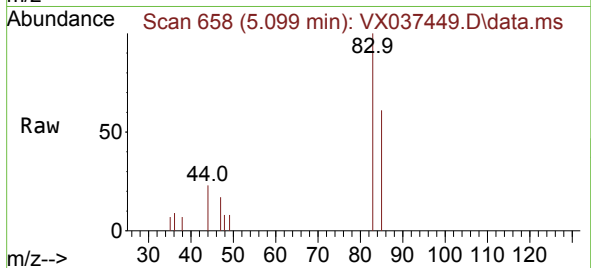
ClientSampleId :

Tgt Ion: 83 Resp: 2070

Ion Ratio Lower Upper

83 100

85 60.6 50.3 75.5



#31

Cyclohexane

Concen: 1.138 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX037449.D

Acq: 31 Aug 2023 22:45

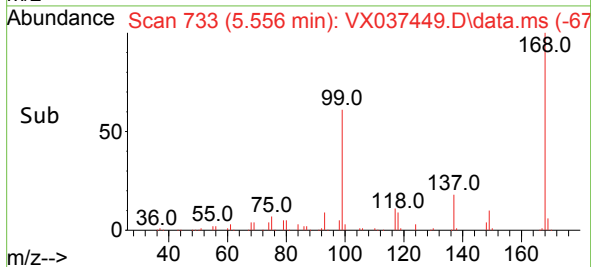
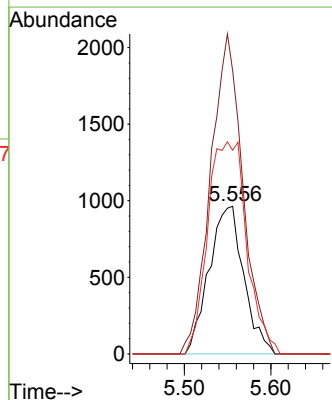
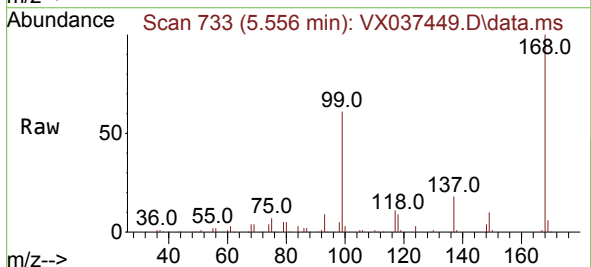
Tgt Ion: 56 Resp: 2682

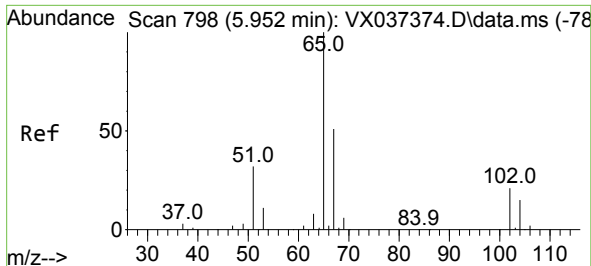
Ion Ratio Lower Upper

56 100

69 191.8 23.4 35.2#

84 138.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 42.635 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX037449.D

Acq: 31 Aug 2023 22:45

Instrument :

MSVOA_X

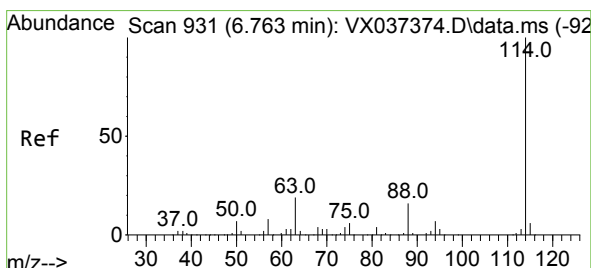
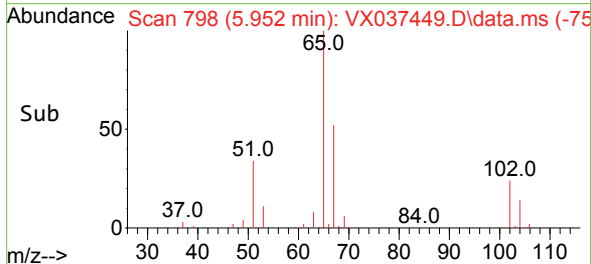
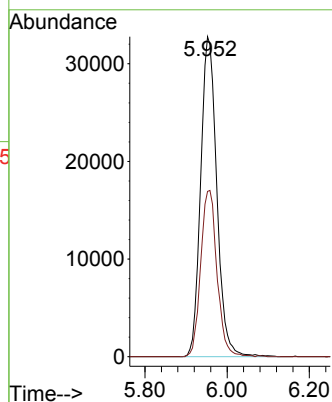
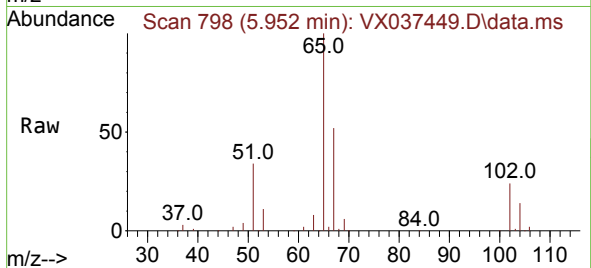
ClientSampleId :

Tgt Ion: 65 Resp: 89358

Ion Ratio Lower Upper

65 100

67 52.4 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: VX037449.D

Acq: 31 Aug 2023 22:45

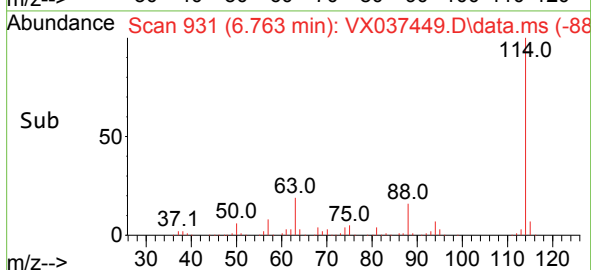
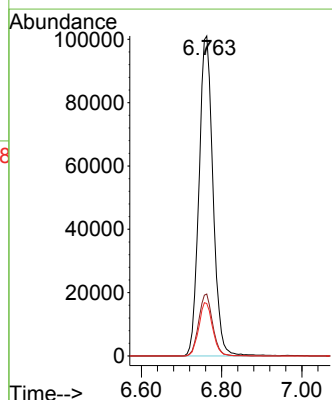
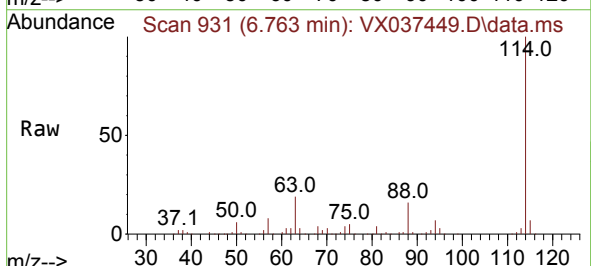
Tgt Ion: 114 Resp: 245132

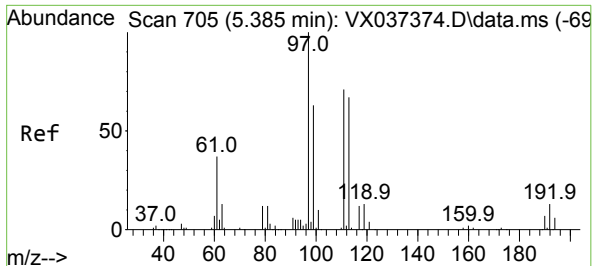
Ion Ratio Lower Upper

114 100

63 19.3 0.0 45.0

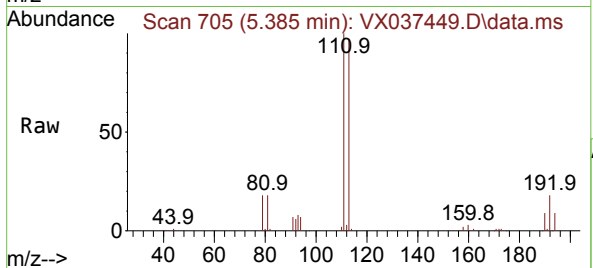
88 16.4 0.0 36.6



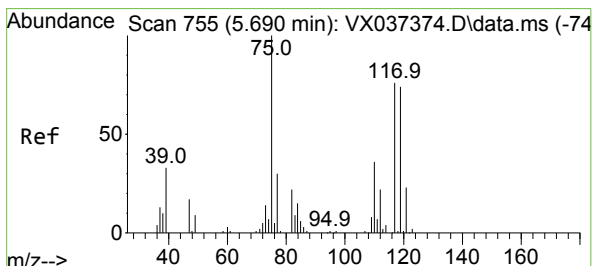
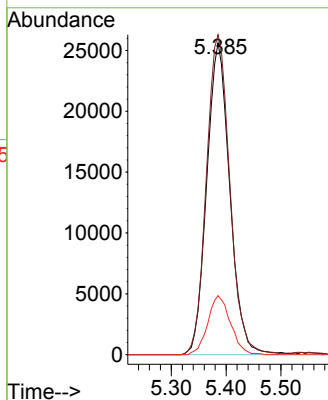
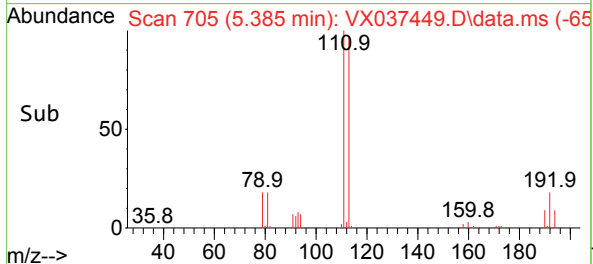


#35
Dibromofluoromethane
Concen: 45.979 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037449.D
Acq: 31 Aug 2023 22:45

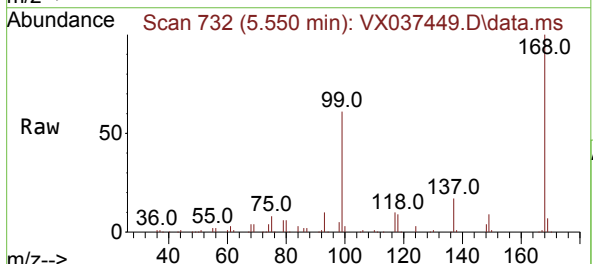
Instrument :
MSVOA_X
ClientSampleId :



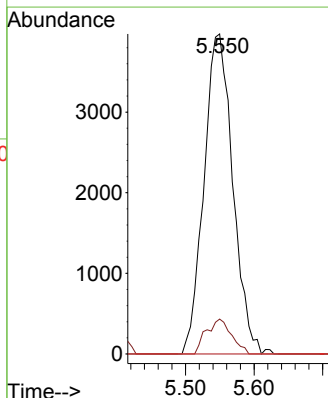
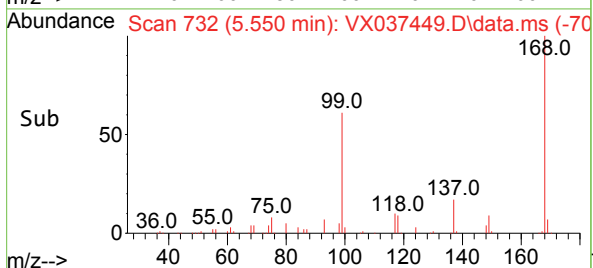
Tgt Ion:113 Resp: 74644
Ion Ratio Lower Upper
113 100
111 104.5 82.9 124.3
192 18.7 13.3 19.9

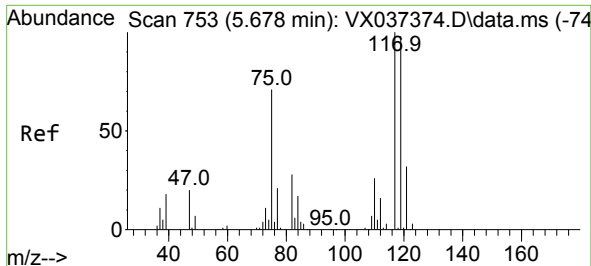


#36
1,1-Dichloropropene
Concen: 5.030 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037449.D
Acq: 31 Aug 2023 22:45



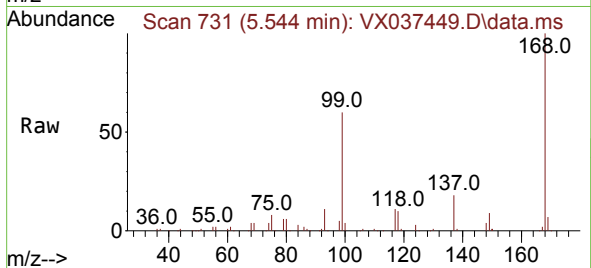
Tgt Ion: 75 Resp: 11602
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



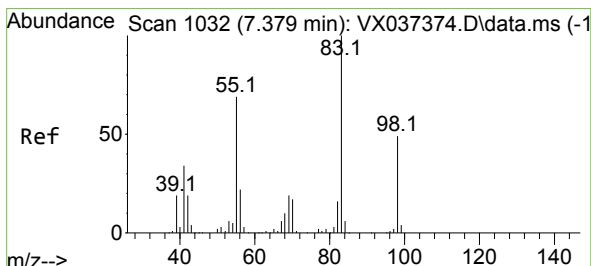
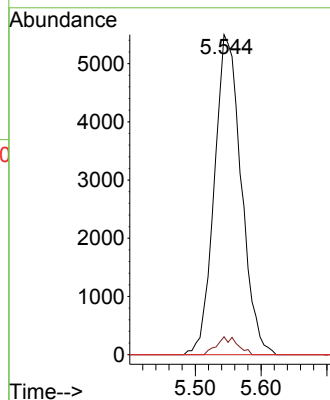
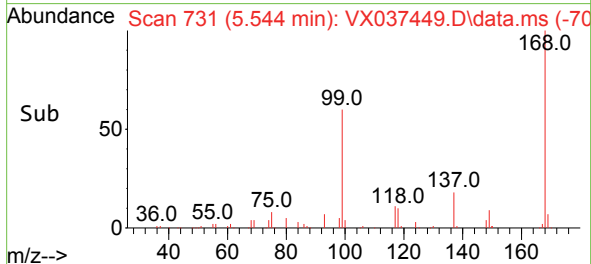


#38
Carbon Tetrachloride
Concen: 6.233 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037449.D
Acq: 31 Aug 2023 22:45

Instrument :
MSVOA_X
ClientSampleId :

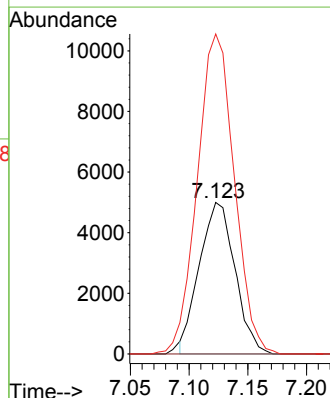
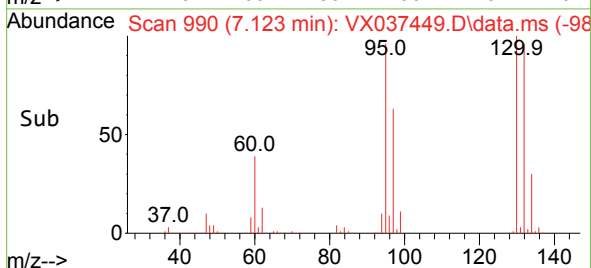
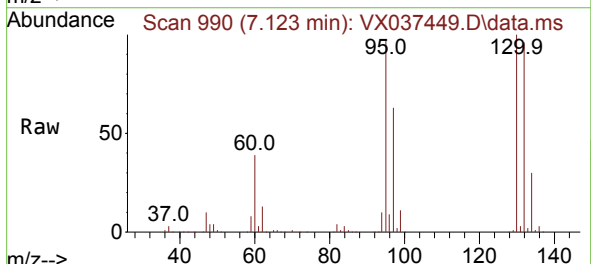


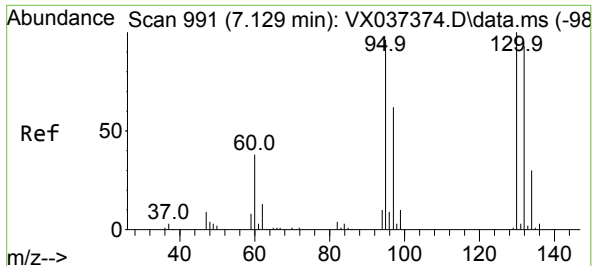
Tgt Ion:117 Resp: 15617
Ion Ratio Lower Upper
117 100
119 5.6 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 4.342 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.256 min
Lab File: VX037449.D
Acq: 31 Aug 2023 22:45

Tgt Ion: 83 Resp: 10523
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 211.2 36.7 55.1#

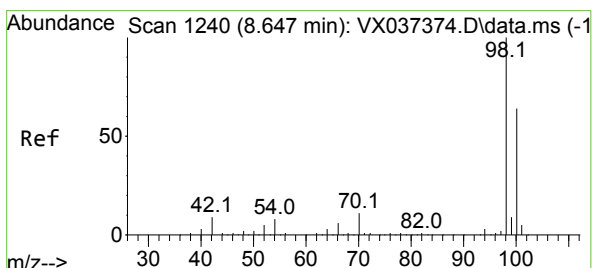
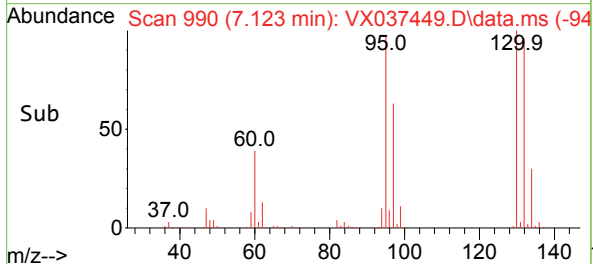
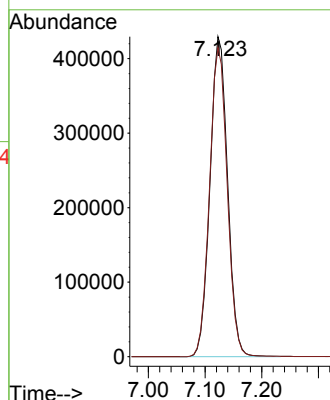
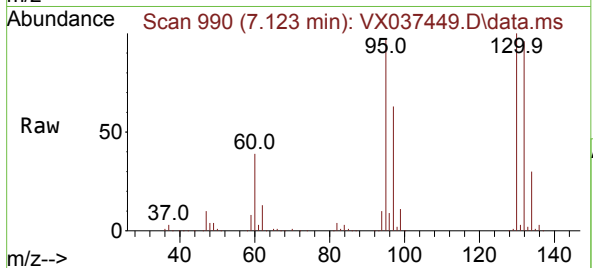




#44
Trichloroethene
Concen: 492.711 ug/l
RT: 7.123 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX037449.D
Acq: 31 Aug 2023 22:45

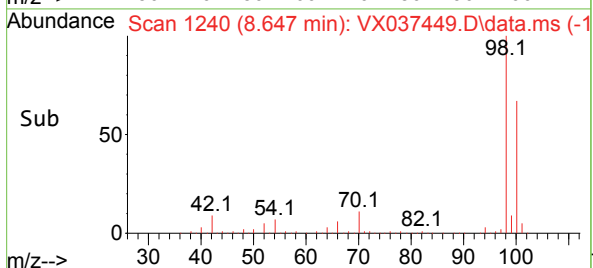
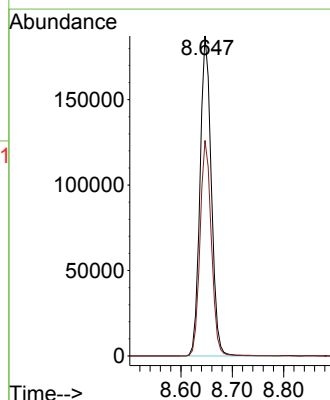
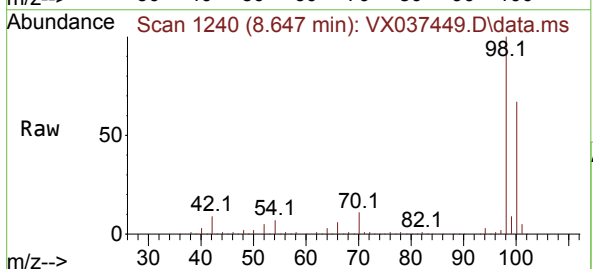
Instrument :
MSVOA_X
ClientSampleId :

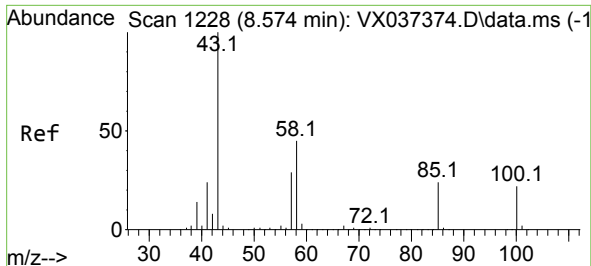
Tgt Ion:130 Resp: 924188
Ion Ratio Lower Upper
130 100
95 96.6 0.0 204.4



#50
Toluene-d8
Concen: 48.375 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037449.D
Acq: 31 Aug 2023 22:45

Tgt Ion: 98 Resp: 284875
Ion Ratio Lower Upper
98 100
100 67.3 53.1 79.7

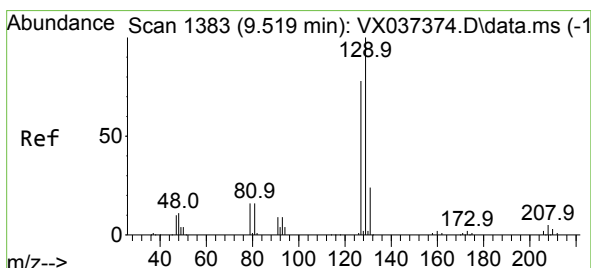
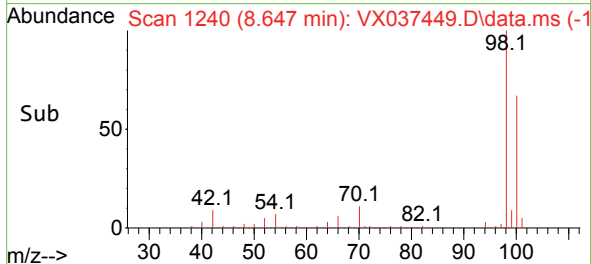
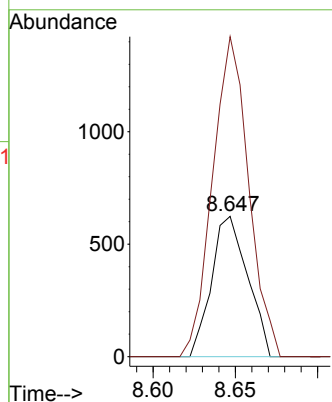
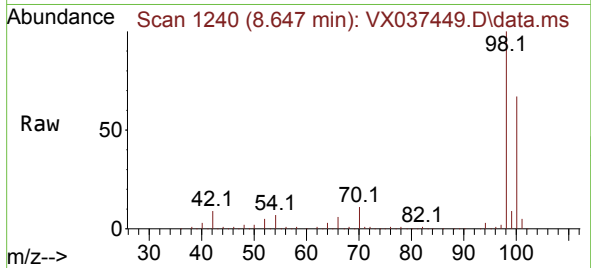




#51
4-Methyl-2-Pentanone
Concen: 0.420 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037449.D
Acq: 31 Aug 2023 22:45

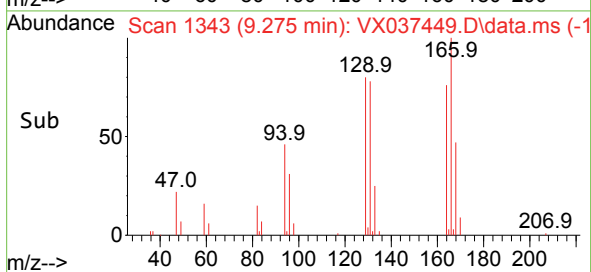
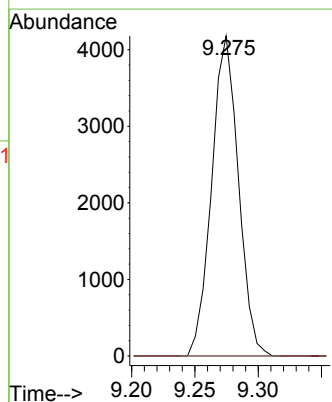
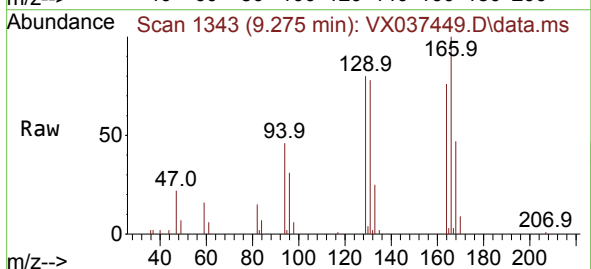
Instrument :
MSVOA_X
ClientSampleId :

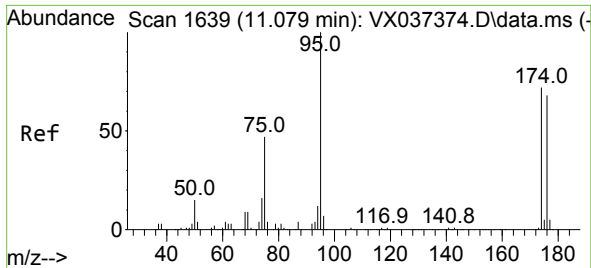
Tgt Ion: 43 Resp: 953
Ion Ratio Lower Upper
43 100
58 227.8 30.4 45.6#



#60
Dibromochloromethane
Concen: 3.241 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX037449.D
Acq: 31 Aug 2023 22:45

Tgt Ion: 129 Resp: 6141
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

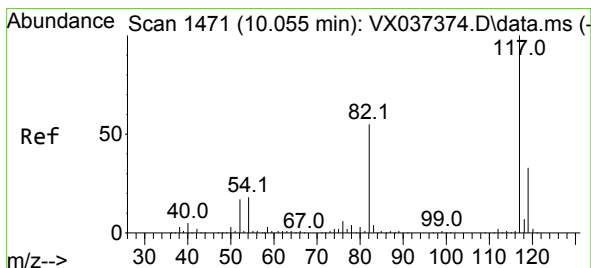
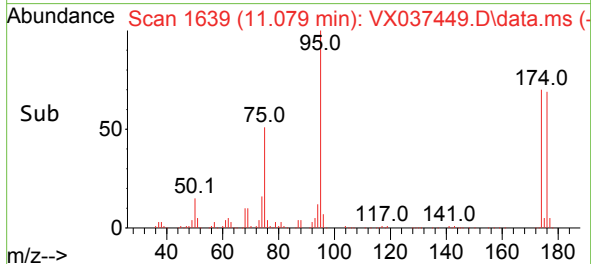
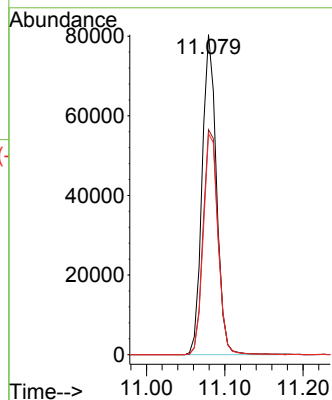
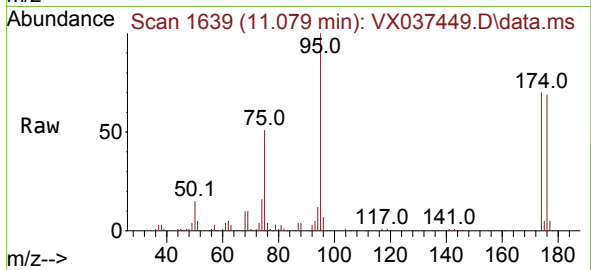




#62
4-Bromofluorobenzene
Concen: 44.081 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037449.D
Acq: 31 Aug 2023 22:45

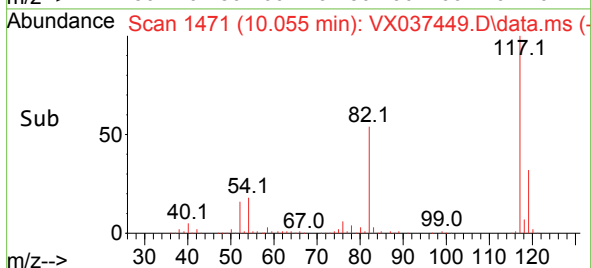
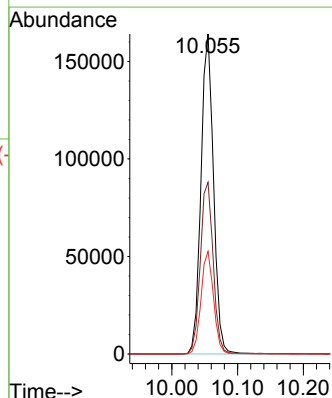
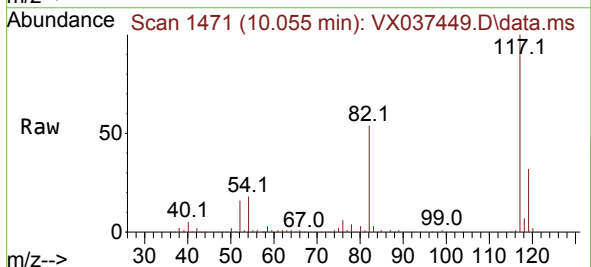
Instrument :
MSVOA_X
ClientSampleId :

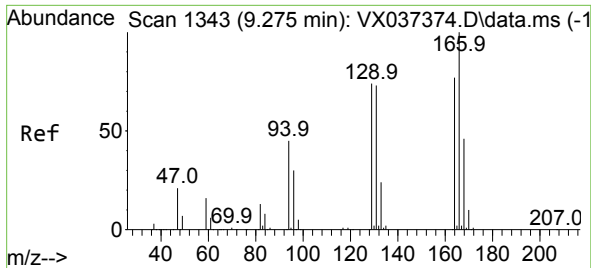
Tgt Ion: 95 Resp: 102015
Ion Ratio Lower Upper
95 100
174 73.7 0.0 135.6
176 71.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037449.D
Acq: 31 Aug 2023 22:45

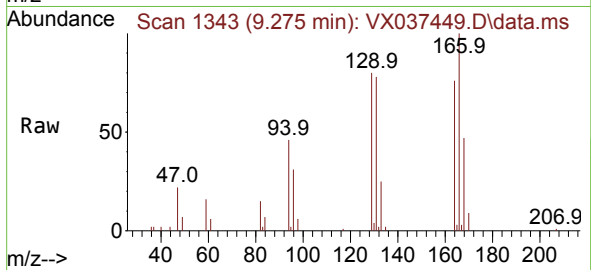
Tgt Ion: 117 Resp: 217671
Ion Ratio Lower Upper
117 100
82 53.7 46.2 69.4
119 32.1 25.5 38.3



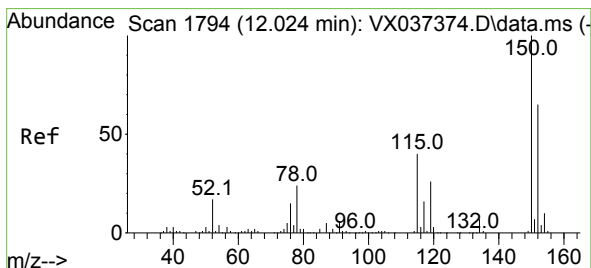
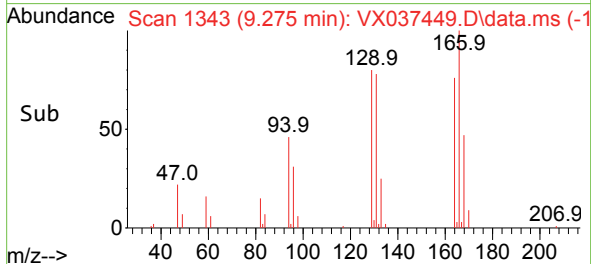
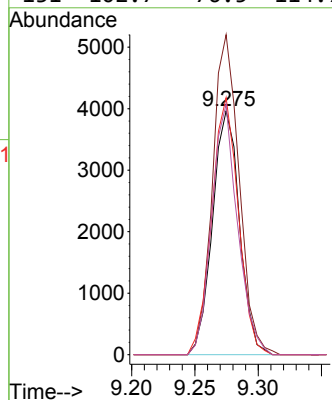


#64
Tetrachloroethene
Concen: 3.695 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037449.D
Acq: 31 Aug 2023 22:45

Instrument :
MSVOA_X
ClientSampleId :

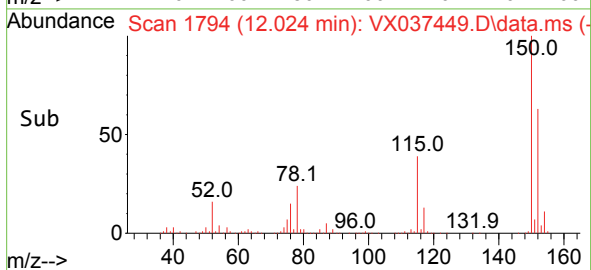
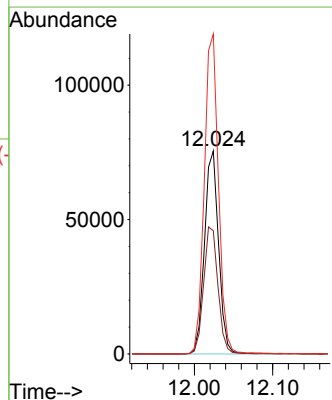
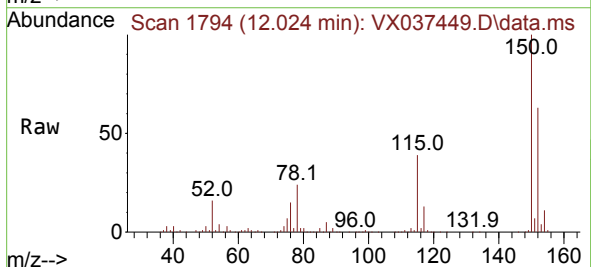


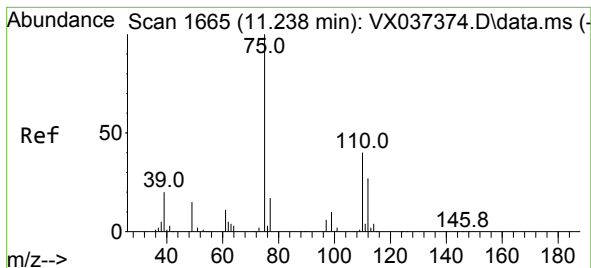
Tgt Ion:164 Resp: 5867
Ion Ratio Lower Upper
164 100
166 131.3 102.7 154.1
129 105.4 80.4 120.6
131 102.7 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037449.D
Acq: 31 Aug 2023 22:45

Tgt Ion:152 Resp: 94439
Ion Ratio Lower Upper
152 100
115 63.6 43.3 129.9
150 158.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.899 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037449.D

Acq: 31 Aug 2023 22:45

Instrument :

MSVOA_X

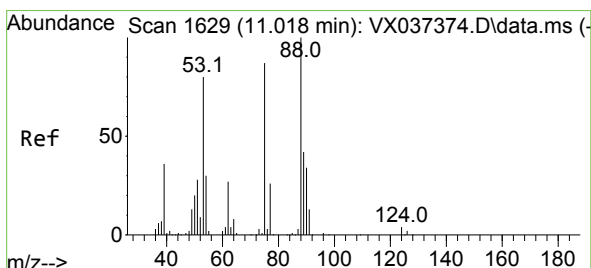
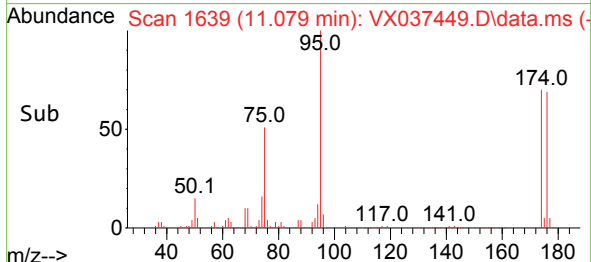
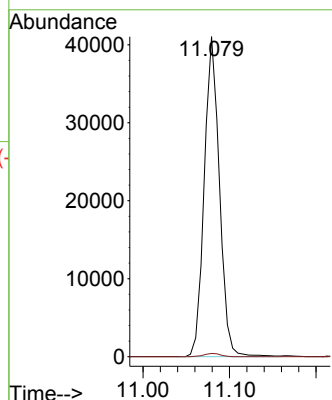
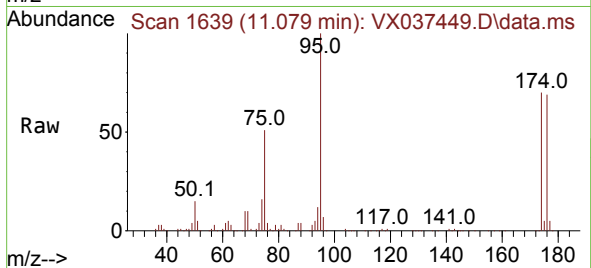
ClientSampleId :

Tgt Ion: 75 Resp: 50078

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.544 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037449.D

Acq: 31 Aug 2023 22:45

Tgt Ion: 75 Resp: 50078

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

