

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102723\
 Data File : VX038597.D
 Acq On : 27 Oct 2023 13:07
 Operator : JC/MD
 Sample : 05097-02 400X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 30 01:29:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

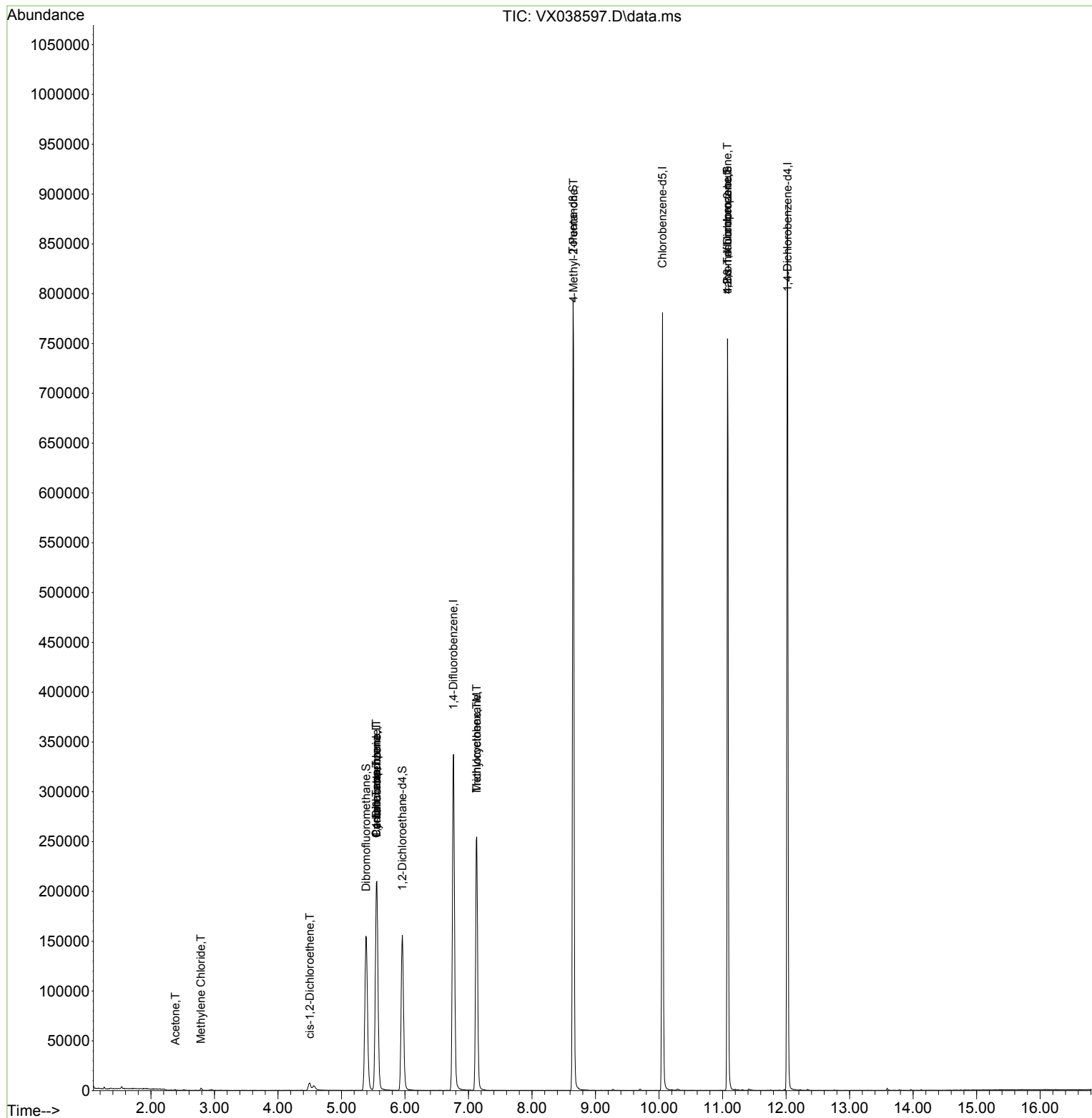
Internal Standards						
1) Pentafluorobenzene	5.556	168	214288	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	359692	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	367205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	200005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	151241	43.880	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.760%
35) Dibromofluoromethane	5.385	113	136273	52.578	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.160%
50) Toluene-d8	8.647	98	493657	49.844	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.680%
62) 4-Bromofluorobenzene	11.079	95	195307	52.017	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.040%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	67	Below Cal	#	3
6) Chloroethane	1.703	64	241	Below Cal	#	43
11) Tert butyl alcohol	2.941	59	547	Below Cal	#	78
16) Acetone	2.386	43	559	0.389	ug/l #	83
20) Methylene Chloride	2.788	84	1052	0.389	ug/l #	88
27) cis-1,2-Dichloroethene	4.501	96	5189	1.795	ug/l	80
31) Cyclohexane	5.550	56	4034	1.080	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	15046	4.210	ug/l #	51
38) Carbon Tetrachloride	5.550	117	20541	5.842	ug/l #	14
39) Methylcyclohexane	7.129	83	1139	0.272	ug/l #	1
44) Trichloroethene	7.129	130	104575	39.997	ug/l	94
51) 4-Methyl-2-Pentanone	8.653	43	1837	0.420	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	101550	22.334	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	101550	63.987	ug/l #	5

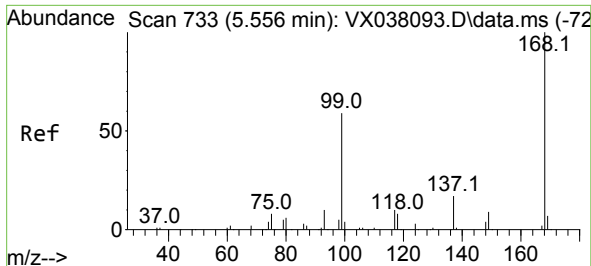
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102723\
Data File : VX038597.D
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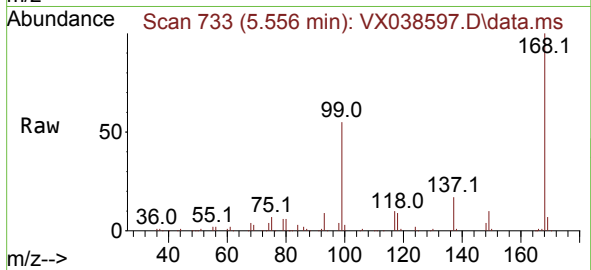
Quant Time: Oct 30 01:29:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



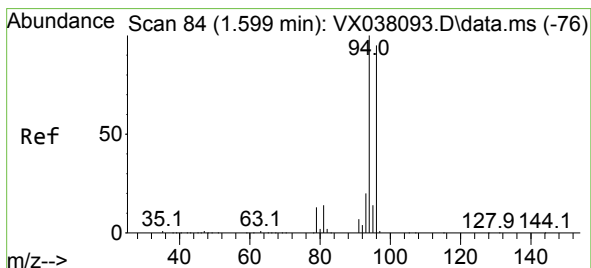
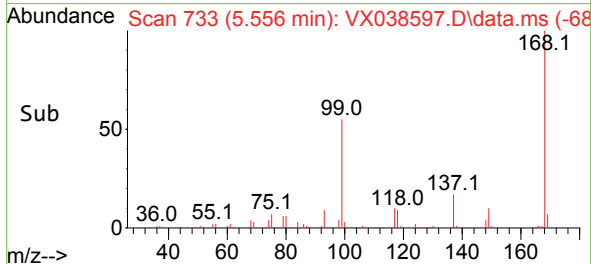
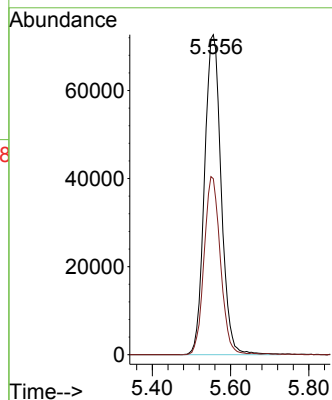


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038597.D
Acq: 27 Oct 2023 13:07

Instrument :
MSVOA_X
ClientSampleId :

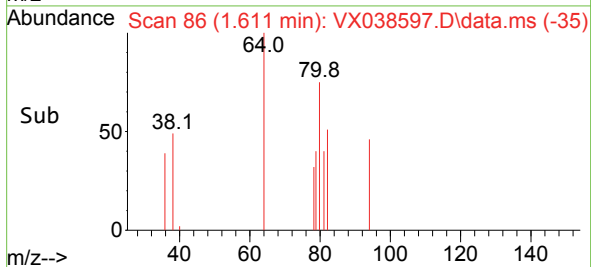
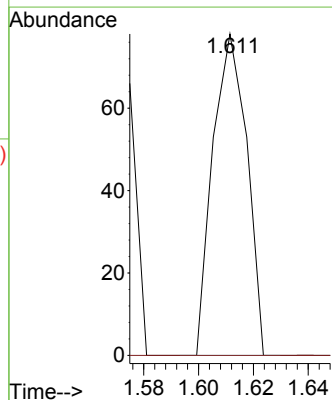
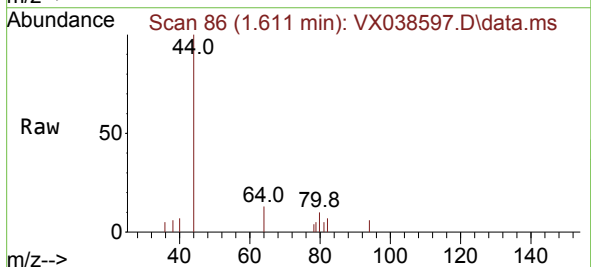


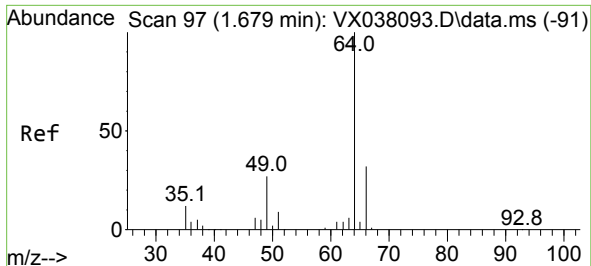
Tgt Ion:168 Resp: 214288
Ion Ratio Lower Upper
168 100
99 55.0 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX038597.D
Acq: 27 Oct 2023 13:07

Tgt Ion: 94 Resp: 67
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

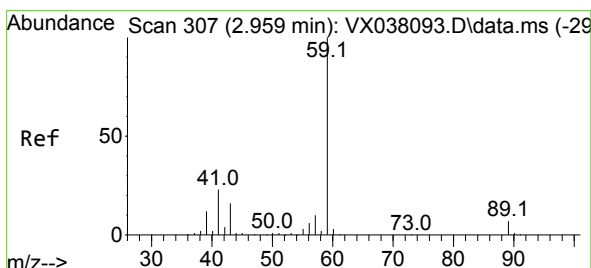
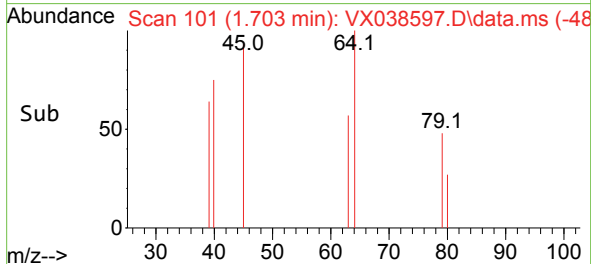
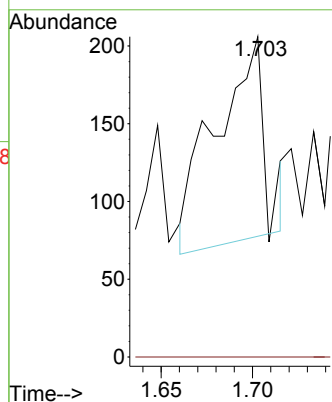
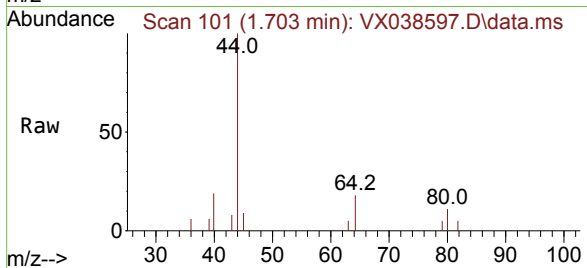




#6
Chloroethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. 0.024 min
Lab File: VX038597.D
Acq: 27 Oct 2023 13:07

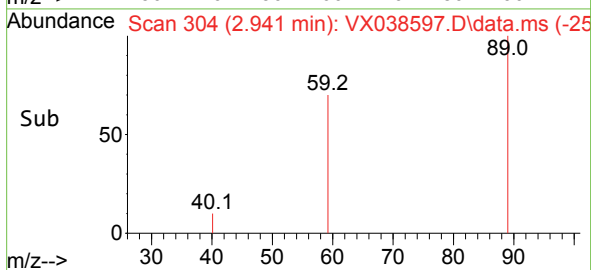
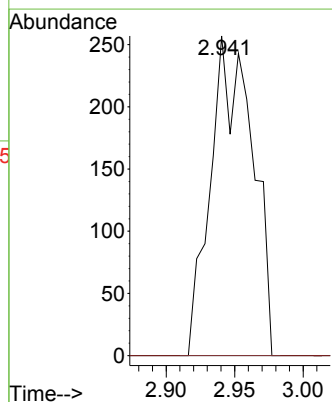
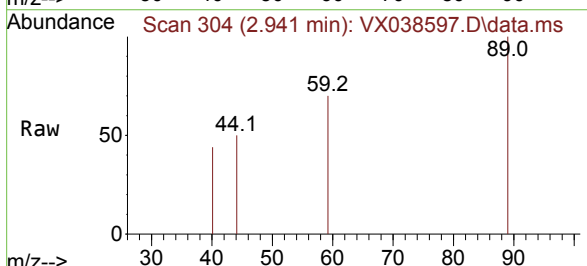
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 241
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX038597.D
Acq: 27 Oct 2023 13:07

Tgt Ion: 59 Resp: 547
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 0.389 ug/l

RT: 2.386 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX038597.D

Acq: 27 Oct 2023 13:07

Instrument :

MSVOA_X

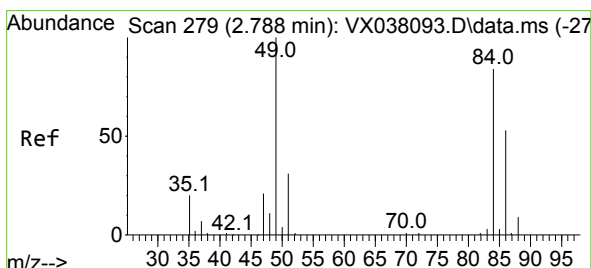
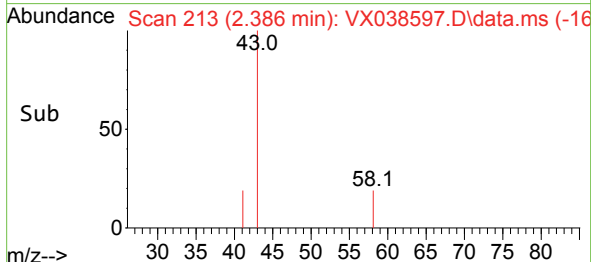
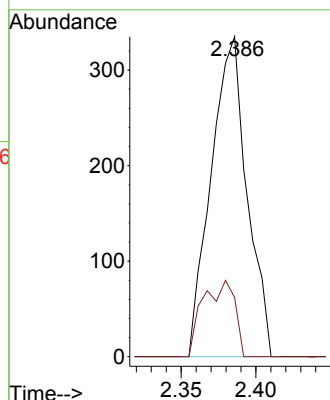
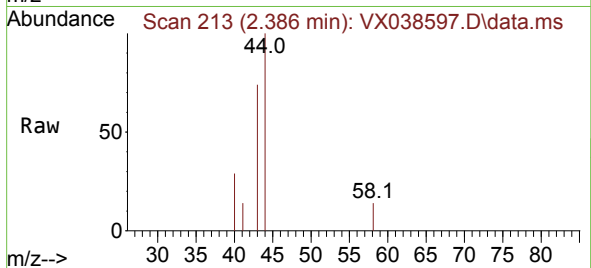
ClientSampleId :

Tgt Ion: 43 Resp: 559

Ion Ratio Lower Upper

43 100

58 18.5 21.9 32.9#



#20

Methylene Chloride

Concen: 0.389 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX038597.D

Acq: 27 Oct 2023 13:07

Tgt Ion: 84 Resp: 1052

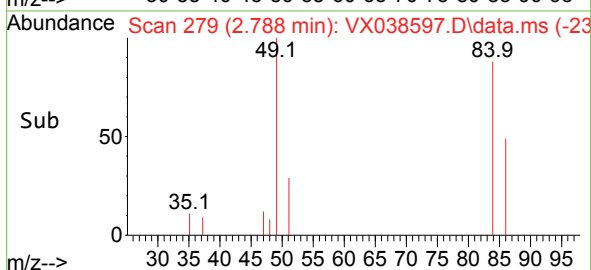
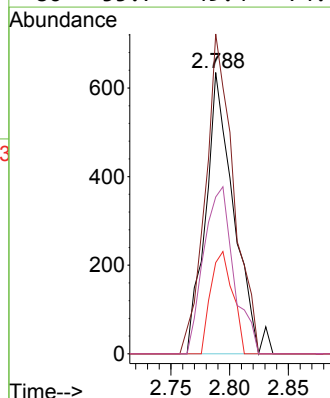
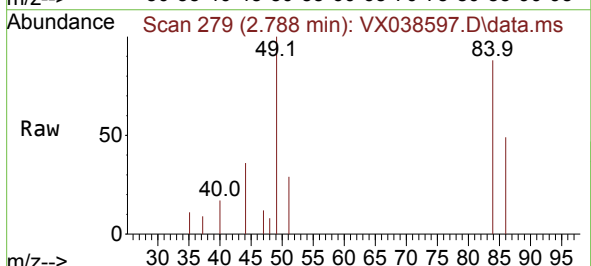
Ion Ratio Lower Upper

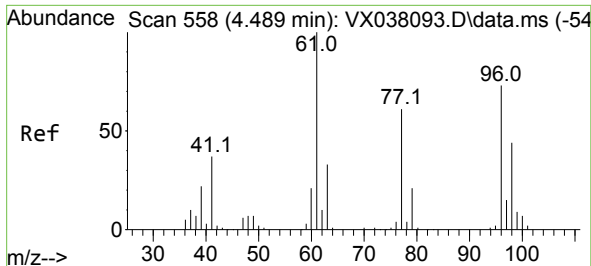
84 100

49 113.7 103.6 155.4

51 32.4 33.8 50.6#

86 55.7 49.4 74.0





#27

cis-1,2-Dichloroethene

Concen: 1.795 ug/l

RT: 4.501 min Scan# 5189

Delta R.T. 0.012 min

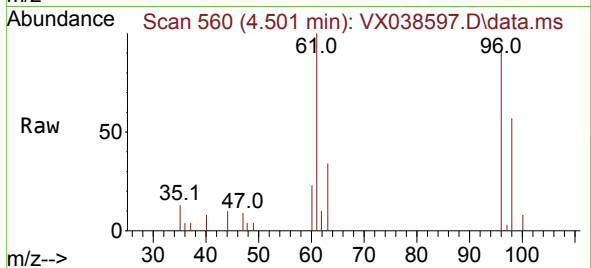
Lab File: VX038597.D

Acq: 27 Oct 2023 13:07

Instrument :

MSVOA_X

ClientSampleId :



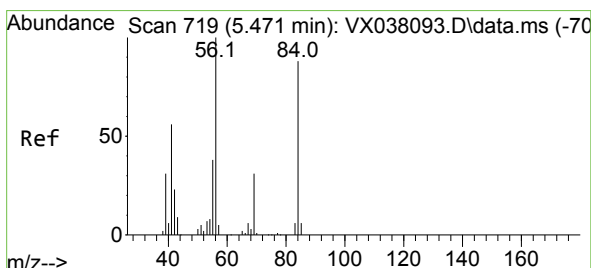
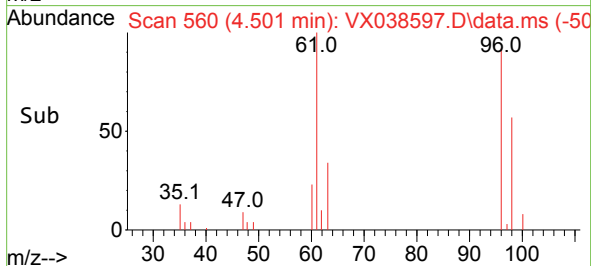
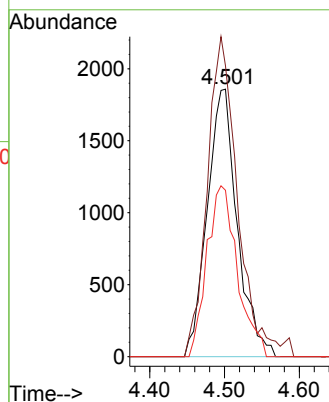
Tgt Ion: 96 Resp: 5189

Ion Ratio Lower Upper

96 100

61 120.0 0.0 312.2

98 64.8 0.0 129.0



#31

Cyclohexane

Concen: 1.080 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX038597.D

Acq: 27 Oct 2023 13:07

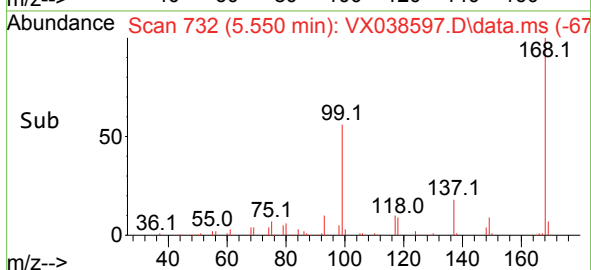
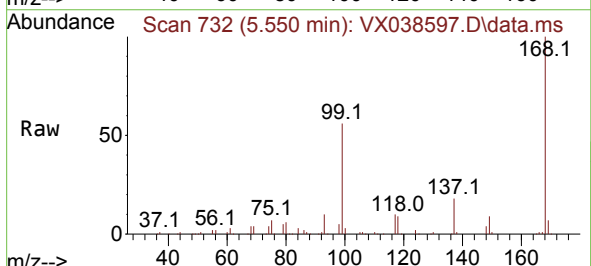
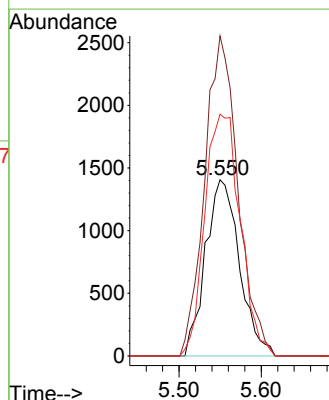
Tgt Ion: 56 Resp: 4034

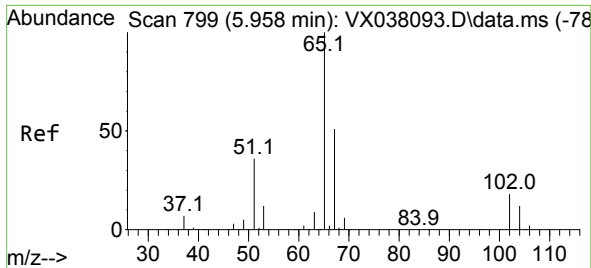
Ion Ratio Lower Upper

56 100

69 181.7 23.4 35.2#

84 137.3 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 43.880 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038597.D

Acq: 27 Oct 2023 13:07

Instrument :

MSVOA_X

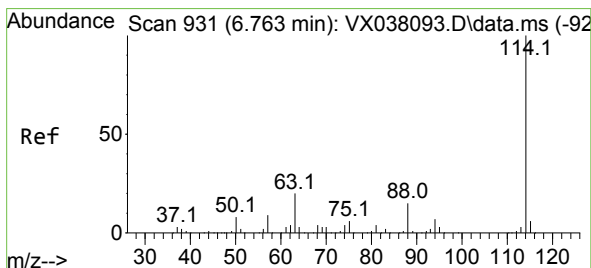
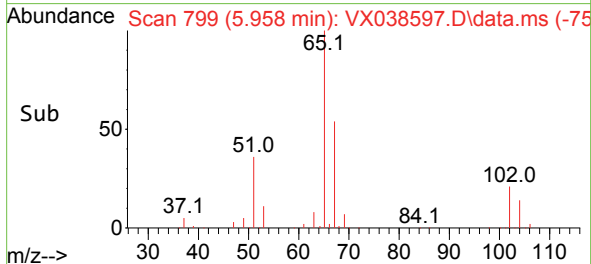
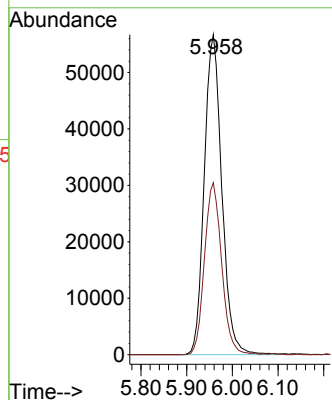
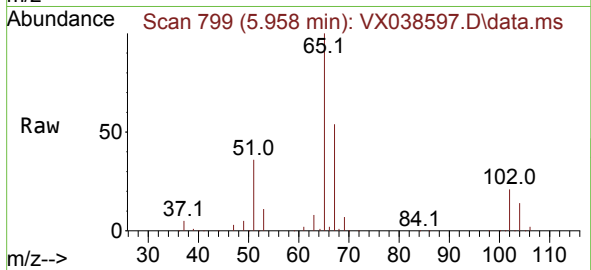
ClientSampleId :

Tgt Ion: 65 Resp: 151241

Ion Ratio Lower Upper

65 100

67 52.7 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: VX038597.D

Acq: 27 Oct 2023 13:07

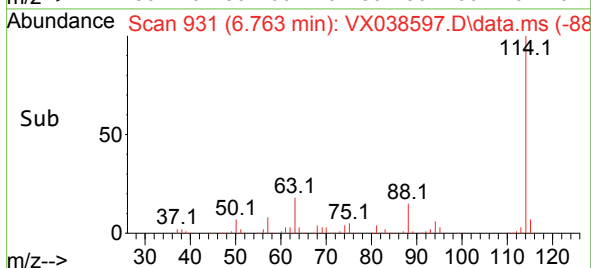
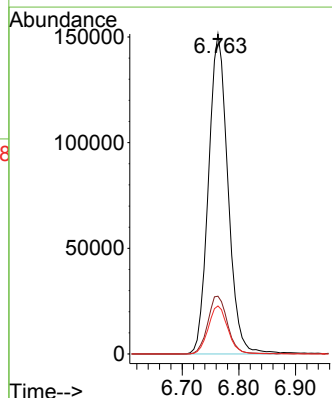
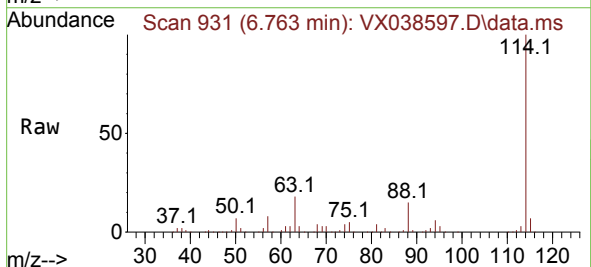
Tgt Ion:114 Resp: 359692

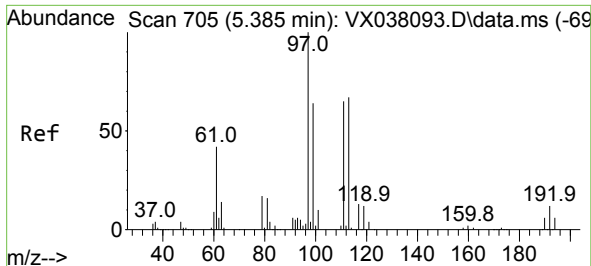
Ion Ratio Lower Upper

114 100

63 18.1 0.0 45.0

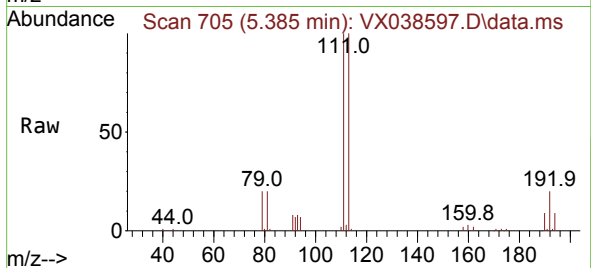
88 15.0 0.0 36.6



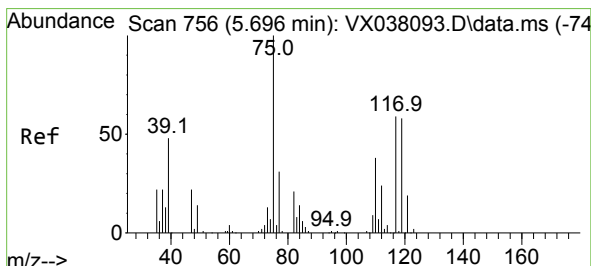
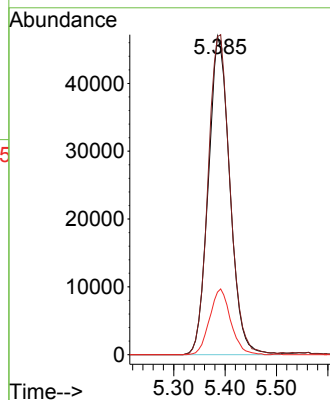
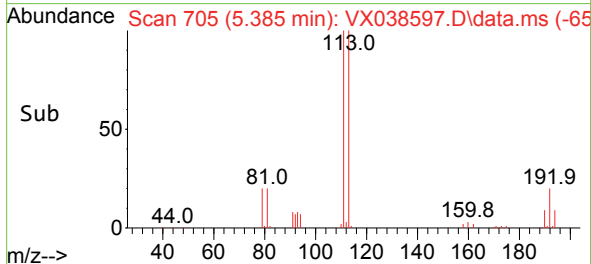


#35
Dibromofluoromethane
Concen: 52.578 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038597.D
Acq: 27 Oct 2023 13:07

Instrument :
MSVOA_X
ClientSampleId :

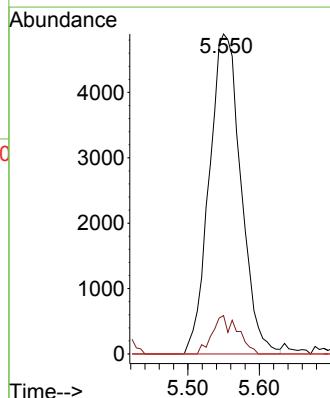
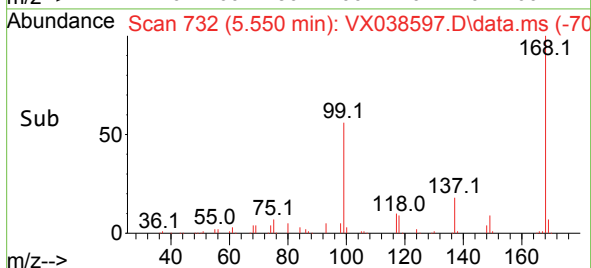
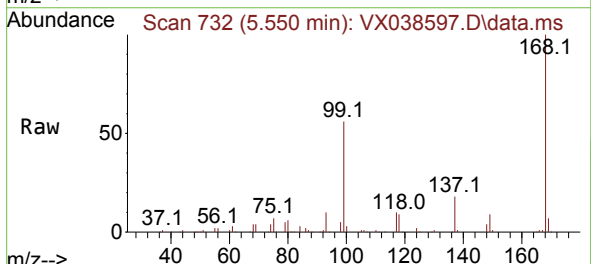


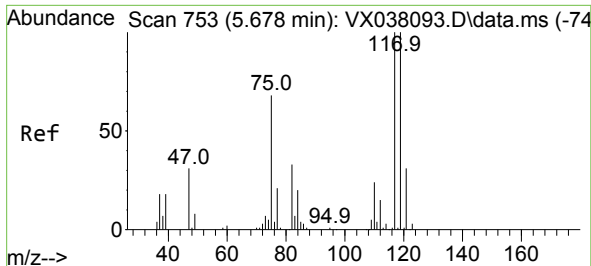
Tgt Ion:113 Resp: 136273
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 20.2 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.210 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038597.D
Acq: 27 Oct 2023 13:07

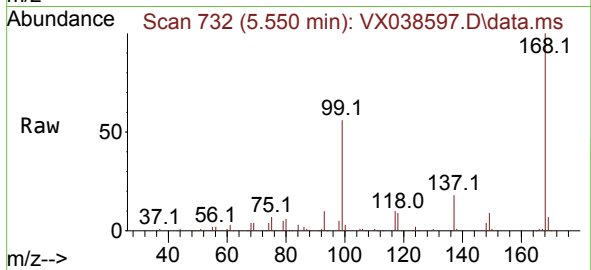
Tgt Ion: 75 Resp: 15046
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



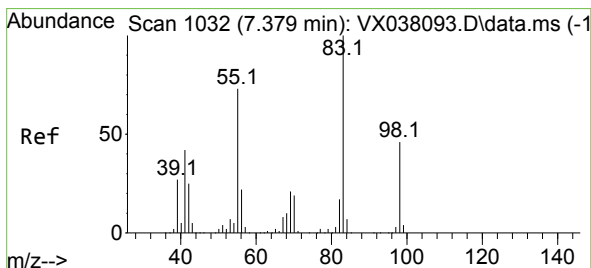
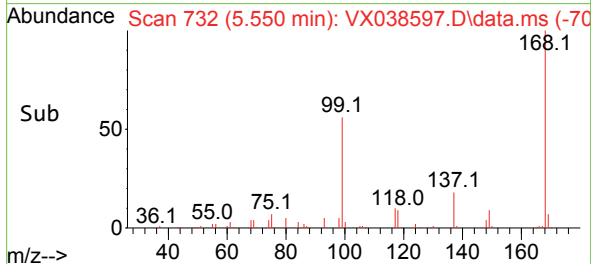
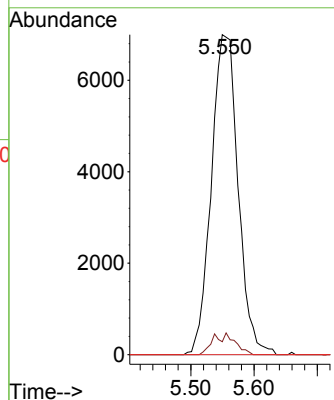


#38
Carbon Tetrachloride
Concen: 5.842 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038597.D
Acq: 27 Oct 2023 13:07

Instrument :
MSVOA_X
ClientSampleId :

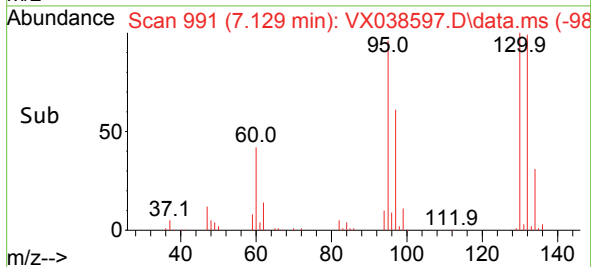
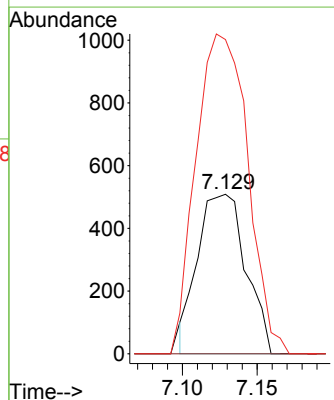
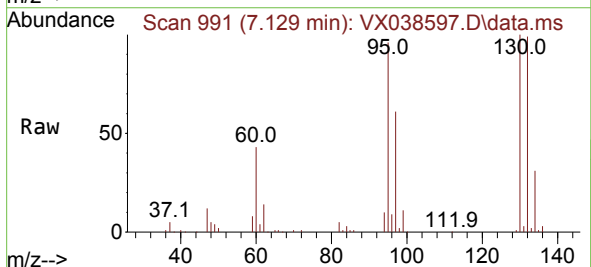


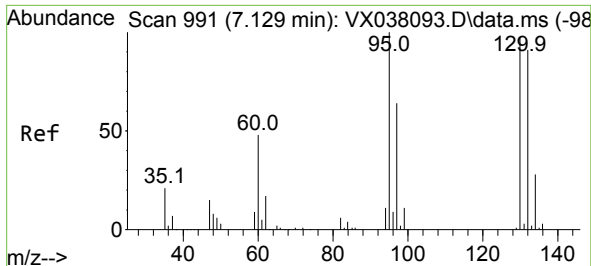
Tgt Ion:117 Resp: 20541
Ion Ratio Lower Upper
117 100
119 4.0 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.272 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX038597.D
Acq: 27 Oct 2023 13:07

Tgt Ion: 83 Resp: 1139
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 187.0 36.7 55.1#

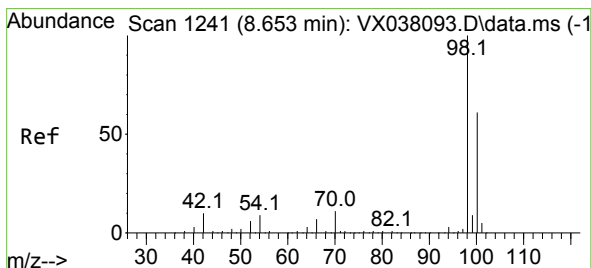
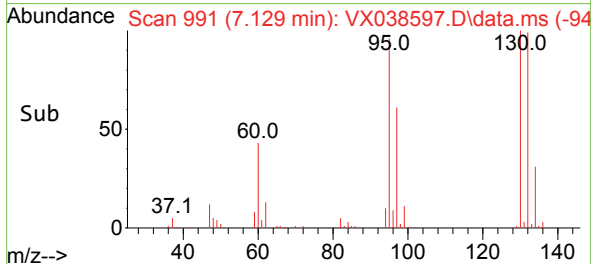
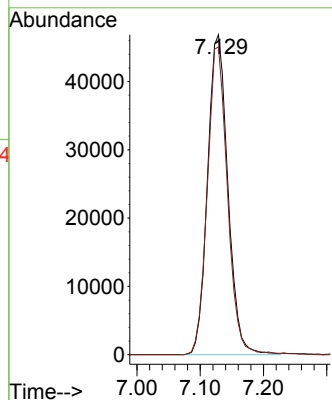
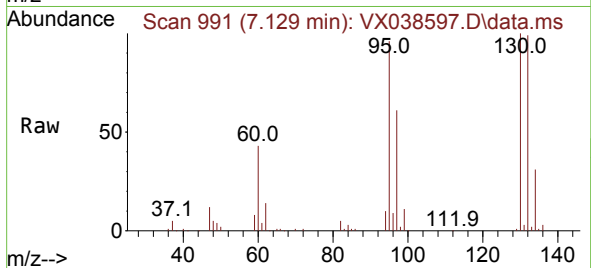




#44
Trichloroethene
Concen: 39.997 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038597.D
Acq: 27 Oct 2023 13:07

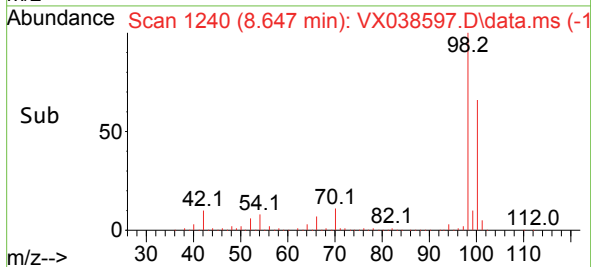
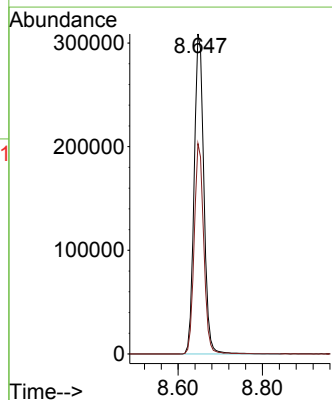
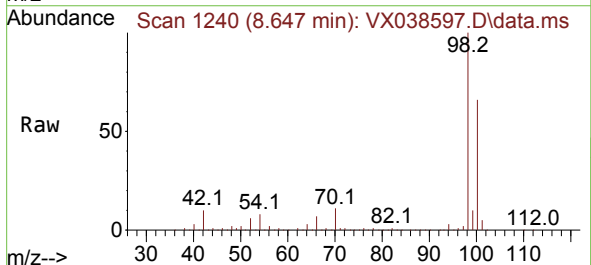
Instrument :
MSVOA_X
ClientSampleId :

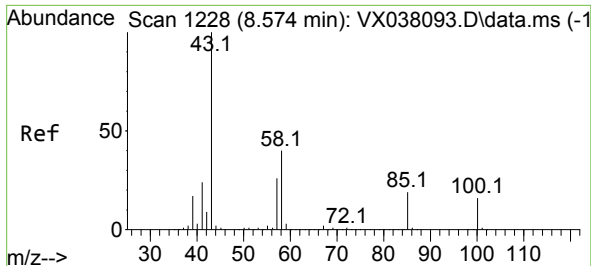
Tgt Ion:130 Resp: 104575
Ion Ratio Lower Upper
130 100
95 96.2 0.0 204.4



#50
Toluene-d8
Concen: 49.844 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038597.D
Acq: 27 Oct 2023 13:07

Tgt Ion: 98 Resp: 493657
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.420 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX038597.D

Acq: 27 Oct 2023 13:07

Instrument :

MSVOA_X

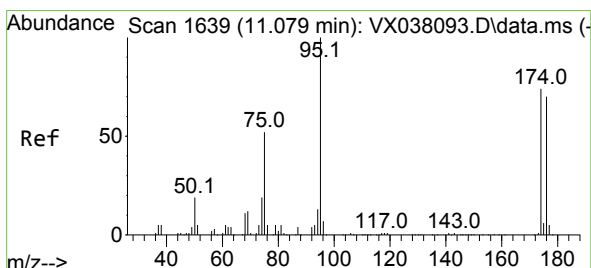
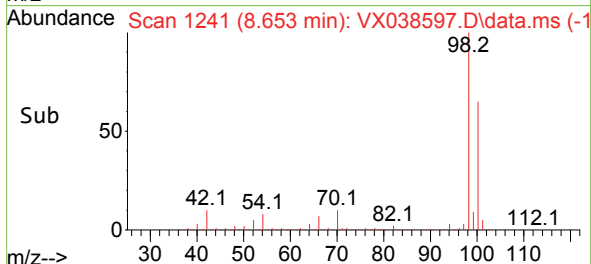
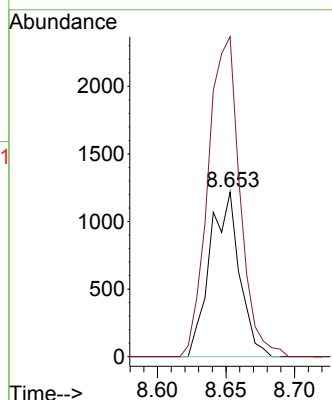
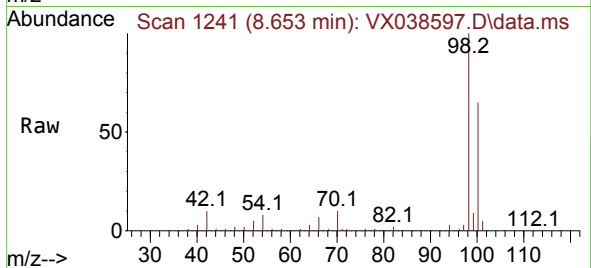
ClientSampleId :

Tgt Ion: 43 Resp: 1837

Ion Ratio Lower Upper

43 100

58 208.8 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 52.017 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038597.D

Acq: 27 Oct 2023 13:07

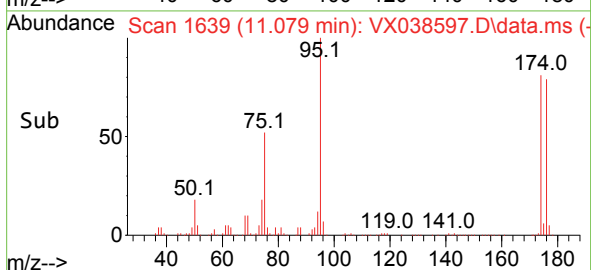
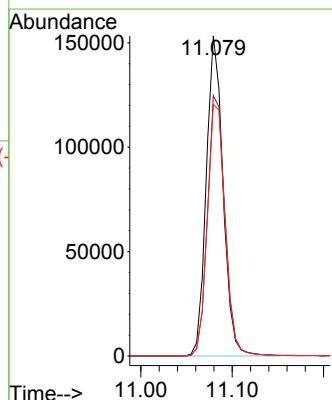
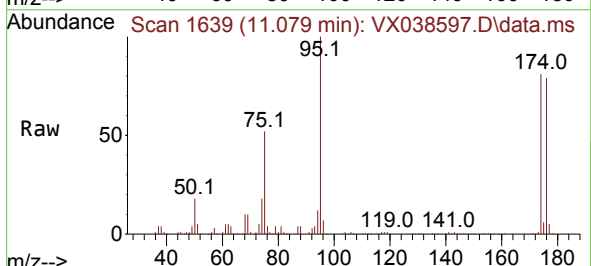
Tgt Ion: 95 Resp: 195307

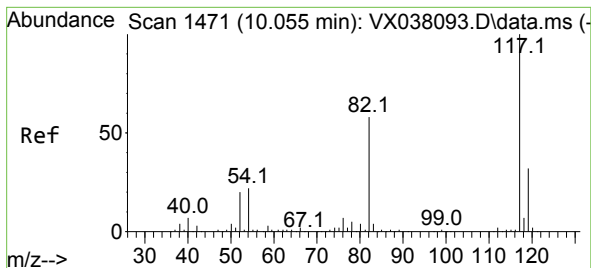
Ion Ratio Lower Upper

95 100

174 85.8 0.0 135.6

176 83.2 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: VX038597.D

Acq: 27 Oct 2023 13:07

Instrument :

MSVOA_X

ClientSampleId :

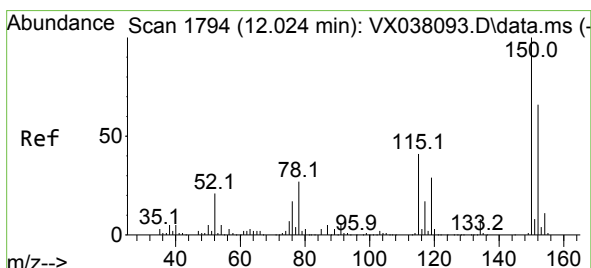
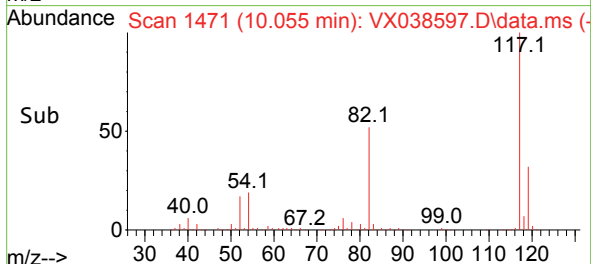
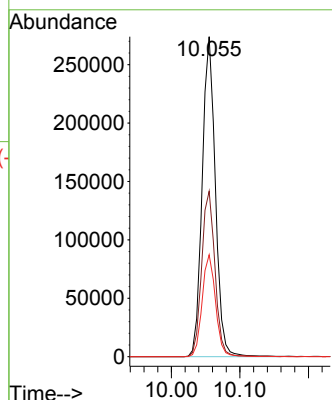
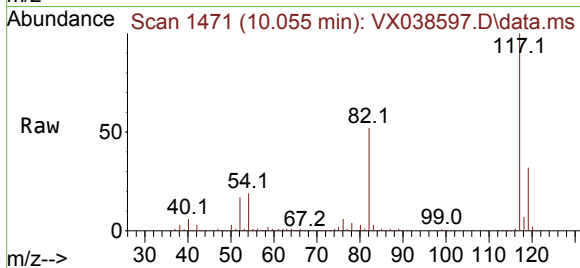
Tgt Ion:117 Resp: 367205

Ion Ratio Lower Upper

117 100

82 51.7 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# 1794

Delta R.T. 0.000 min

Lab File: VX038597.D

Acq: 27 Oct 2023 13:07

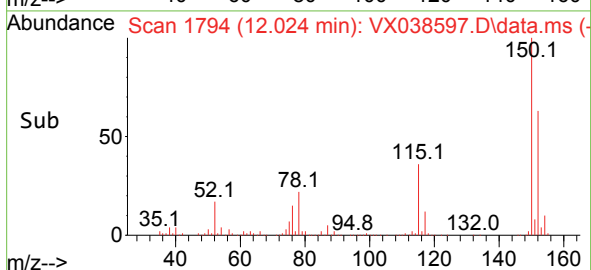
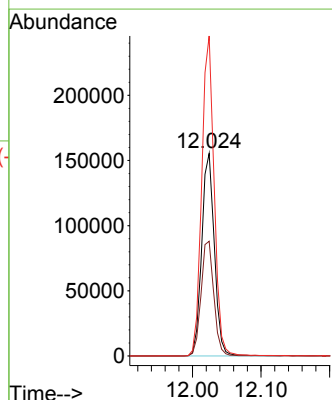
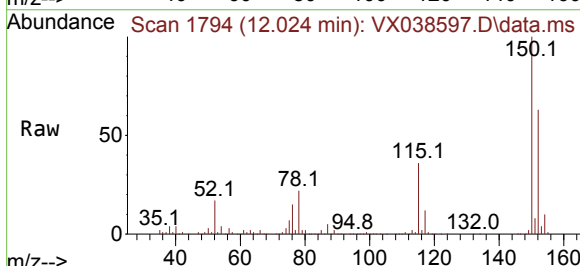
Tgt Ion:152 Resp: 200005

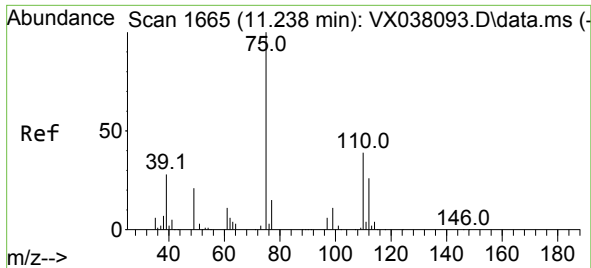
Ion Ratio Lower Upper

152 100

115 57.5 43.3 129.9

150 155.2 0.0 345.0

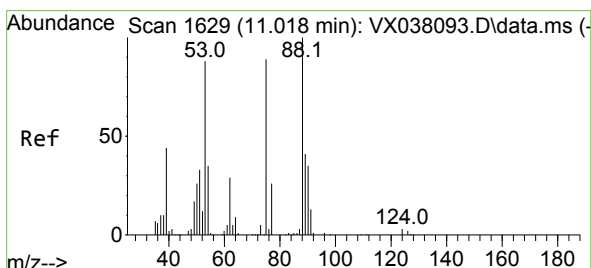
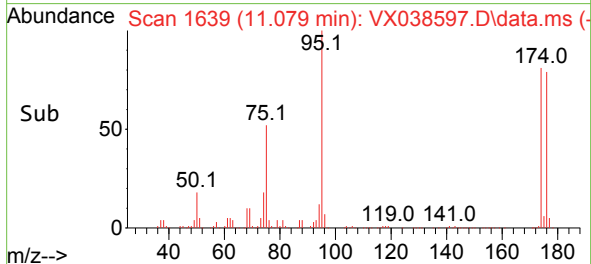
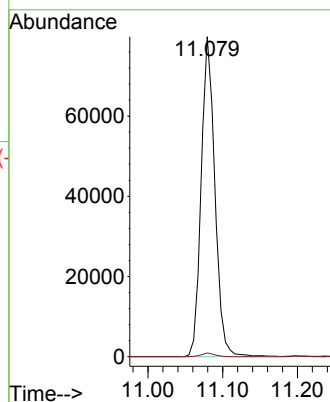
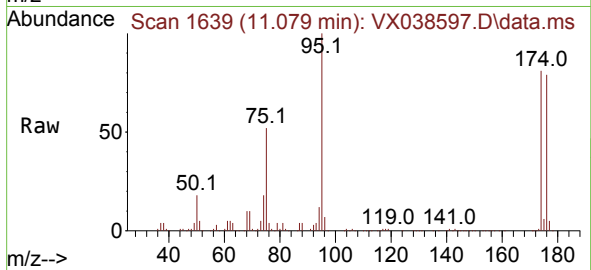




#76
1,2,3-Trichloropropane
Concen: 22.334 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038597.D
Acq: 27 Oct 2023 13:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 101550
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.987 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038597.D
Acq: 27 Oct 2023 13:07

Tgt Ion: 75 Resp: 101550
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

