

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111323\
 Data File : VX038779.D
 Acq On : 13 Nov 2023 14:22
 Operator : JC/MD
 Sample : 05347-04DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 14 05:31:59 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)

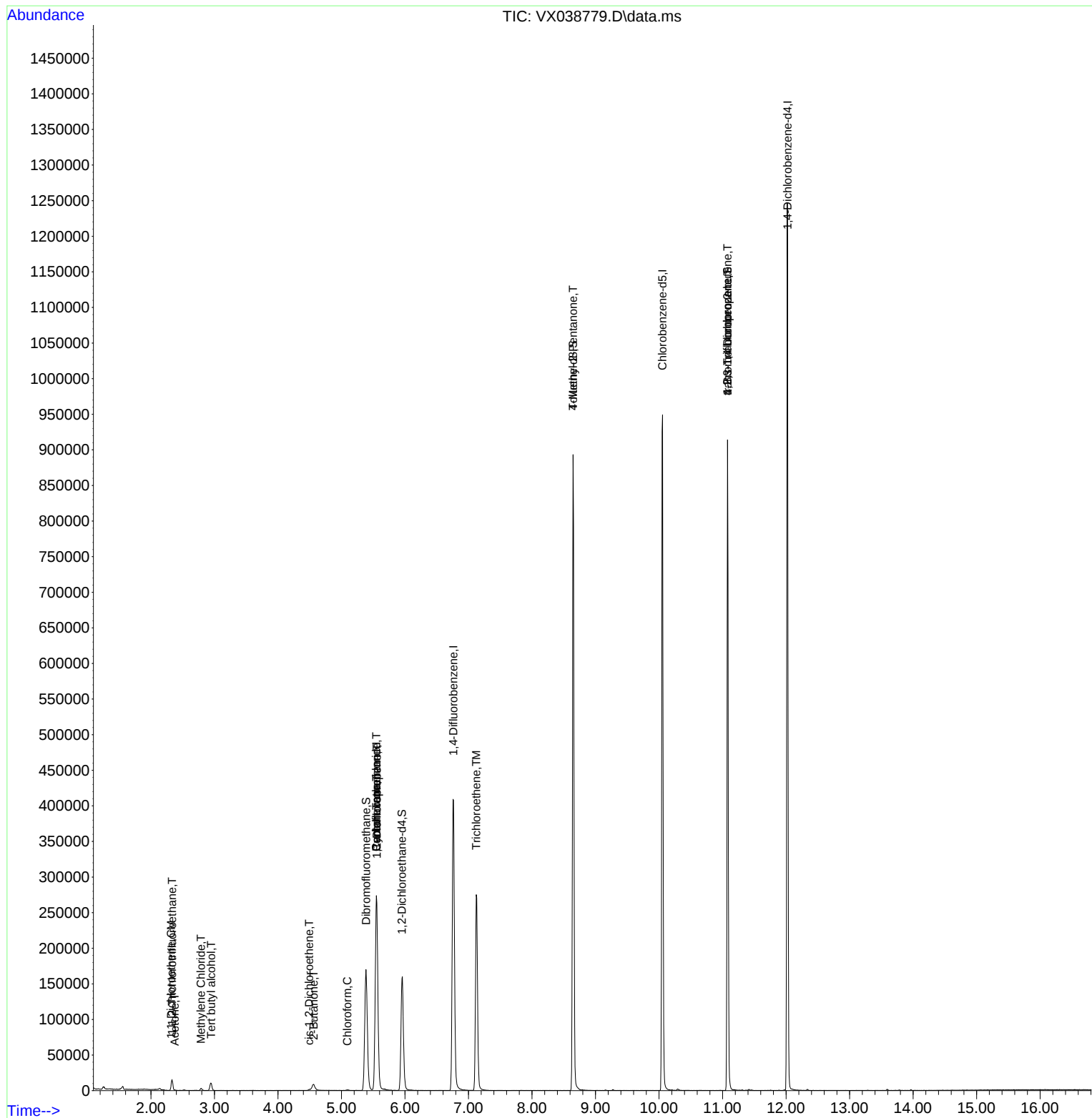
Internal Standards						
1) Pentafluorobenzene	5.550	168	283528	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	468874	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	487468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	285983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	160279	45.407	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.820%
35) Dibromofluoromethane	5.385	113	149579	44.294	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.580%
50) Toluene-d8	8.647	98	558710	46.235	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.480%
62) 4-Bromofluorobenzene	11.079	95	244660	52.220	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.440%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	5591	2.024	ug/l	90
11) Tert butyl alcohol	2.946	59	6199	8.591	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	834	0.315	ug/l #	70
16) Acetone	2.373	43	619	0.416	ug/l #	61
20) Methylene Chloride	2.788	84	1739	0.580	ug/l #	73
25) 2-Butanone	4.562	43	598	0.278	ug/l #	51
27) cis-1,2-Dichloroethene	4.489	96	713	0.214	ug/l	56
30) Chloroform	5.092	83	1288	0.232	ug/l #	79
31) Cyclohexane	5.550	56	4389	1.123	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	18892	4.504	ug/l #	52
38) Carbon Tetrachloride	5.550	117	26397	5.629	ug/l #	15
44) Trichloroethene	7.123	130	116464	30.980	ug/l	92
51) 4-Methyl-2-Pentanone	8.647	43	1818	0.424	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	117232	20.698	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	117232	63.019	ug/l #	5

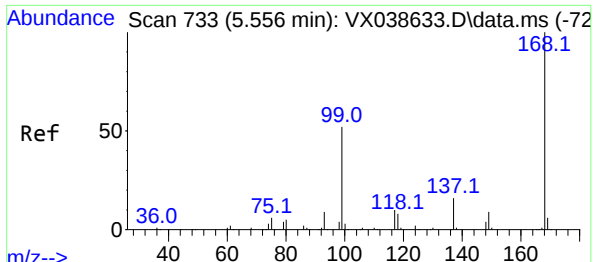
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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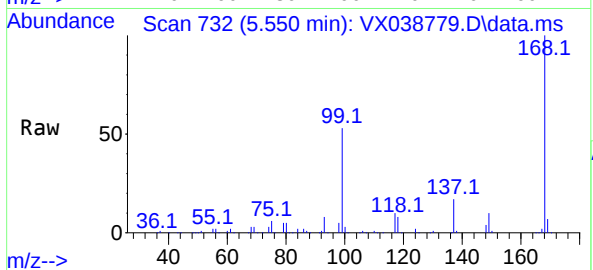
Quant Time: Nov 14 05:31:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 08 03:19:07 2023
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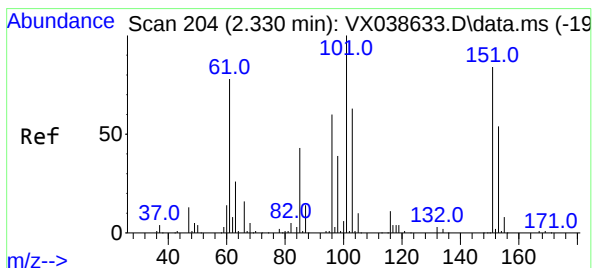
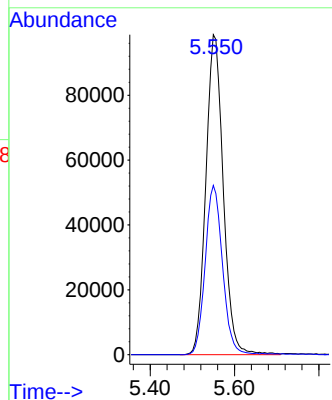


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038779.D
Acq: 13 Nov 2023 14:22

Instrument :
MSVOA_X
ClientSampleId :

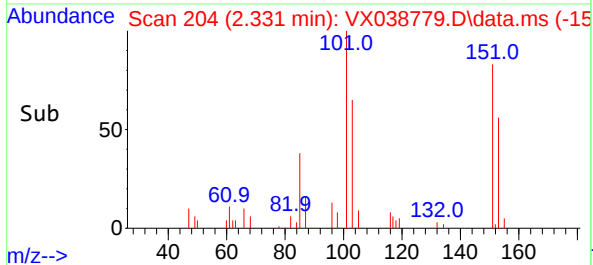
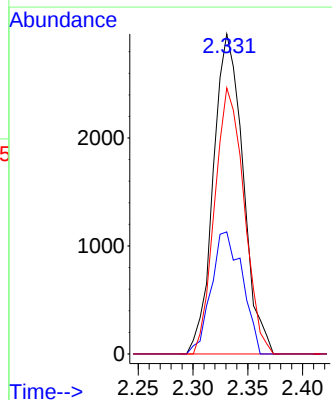
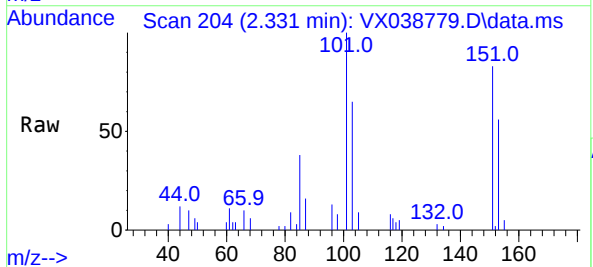


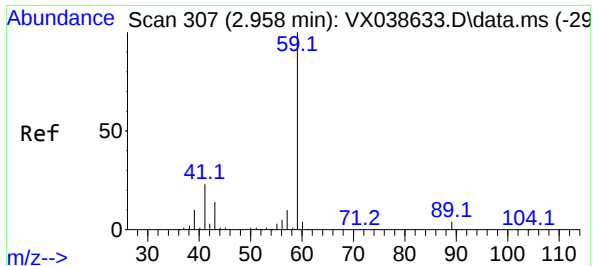
Tgt Ion:168 Resp: 283528
Ion Ratio Lower Upper
168 100
99 52.9 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.024 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038779.D
Acq: 13 Nov 2023 14:22

Tgt Ion:101 Resp: 5591
Ion Ratio Lower Upper
101 100
85 39.9 37.0 55.6
151 82.1 58.6 87.8





#11

Tert butyl alcohol

Concen: 8.591 ug/l

RT: 2.946 min Scan# 307

Delta R.T. -0.012 min

Lab File: VX038779.D

Acq: 13 Nov 2023 14:22

Instrument :

MSVOA_X

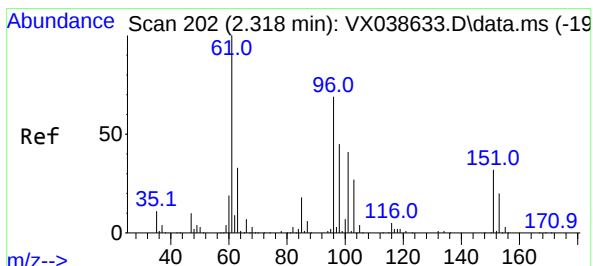
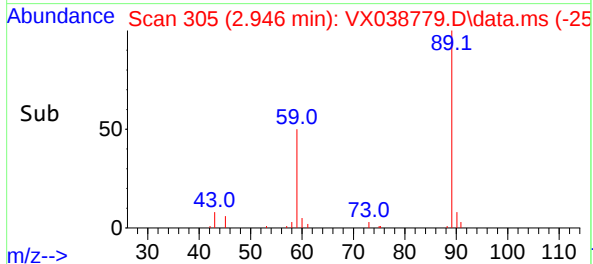
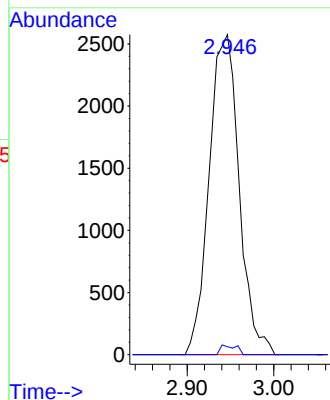
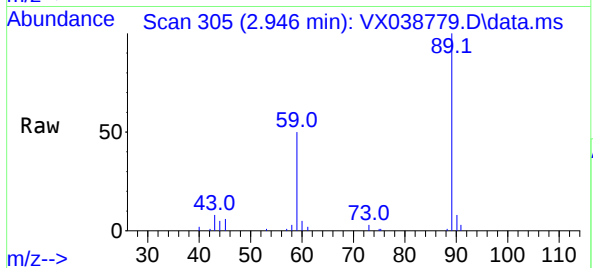
ClientSampleId :

Tgt Ion: 59 Resp: 6199

Ion Ratio Lower Upper

59 100

57 1.6 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 0.315 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX038779.D

Acq: 13 Nov 2023 14:22

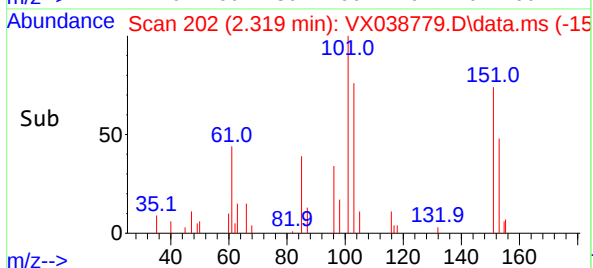
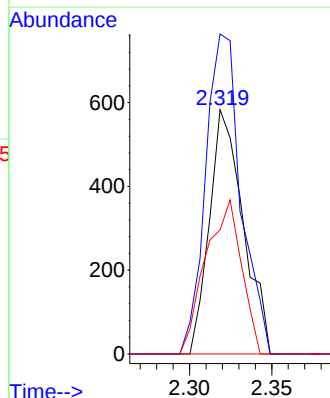
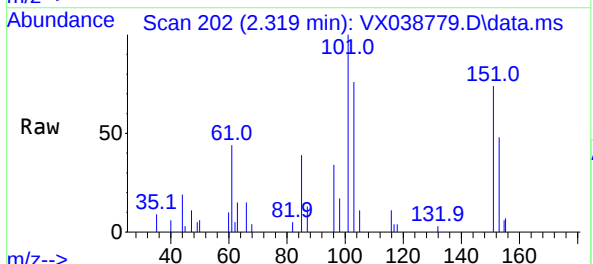
Tgt Ion: 96 Resp: 834

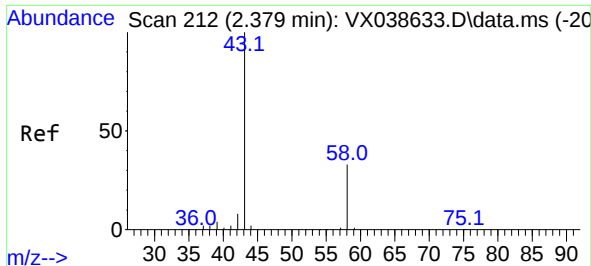
Ion Ratio Lower Upper

96 100

61 131.0 144.6 216.8#

98 50.8 50.4 75.6

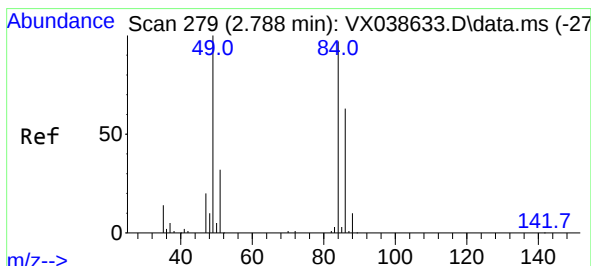
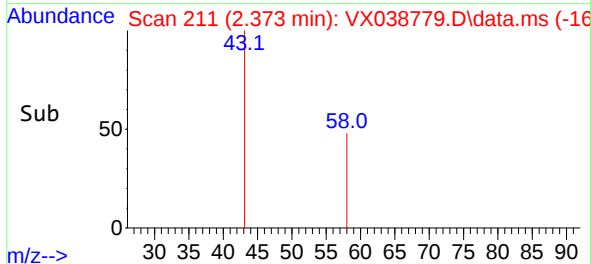
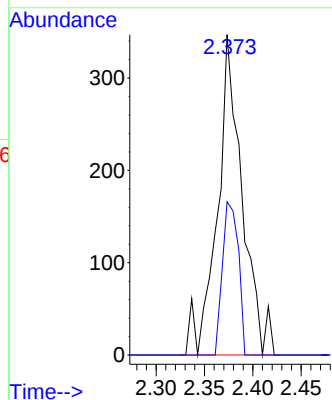
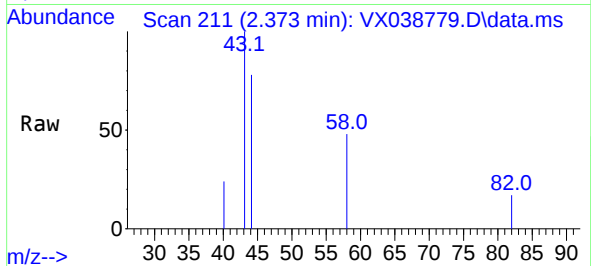




#16
Acetone
Concen: 0.416 ug/l
RT: 2.373 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX038779.D
Acq: 13 Nov 2023 14:22

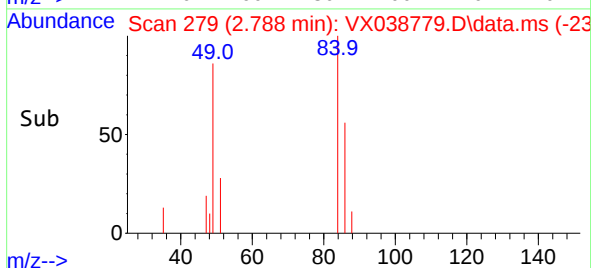
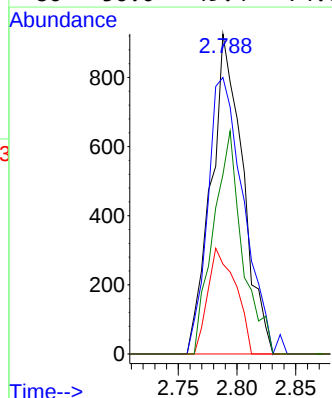
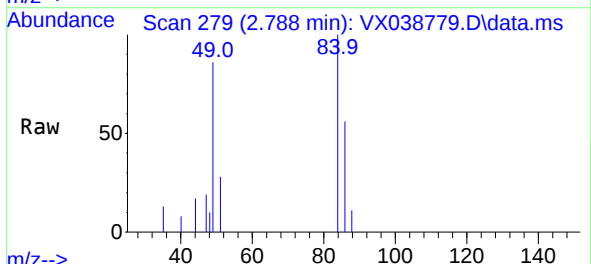
Instrument :
MSVOA_X
ClientSampleId :

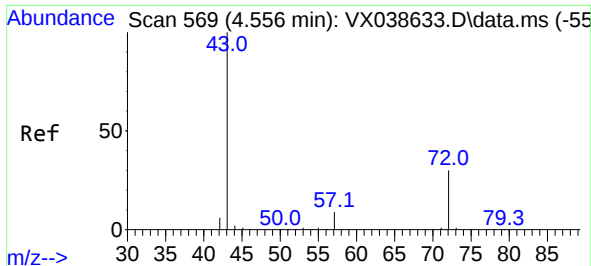
Tgt Ion: 43 Resp: 619
Ion Ratio Lower Upper
43 100
58 47.8 21.9 32.9#



#20
Methylene Chloride
Concen: 0.580 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038779.D
Acq: 13 Nov 2023 14:22

Tgt Ion: 84 Resp: 1739
Ion Ratio Lower Upper
84 100
49 86.4 103.6 155.4#
51 28.1 33.8 50.6#
86 56.0 49.4 74.0





#25

2-Butanone

Concen: 0.278 ug/l

RT: 4.562 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX038779.D

Acq: 13 Nov 2023 14:22

Instrument :

MSVOA_X

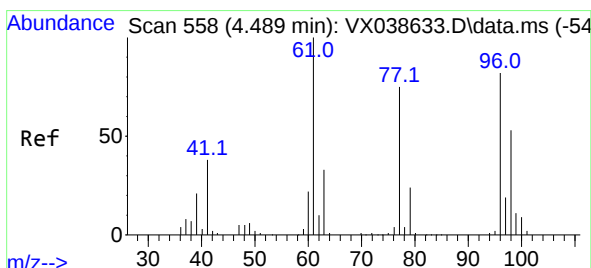
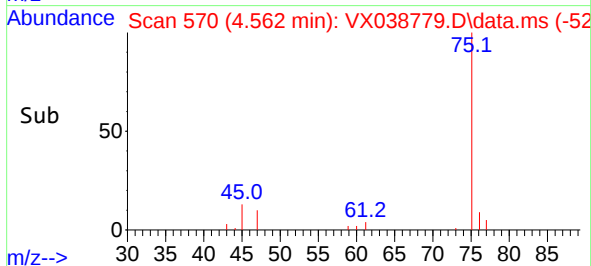
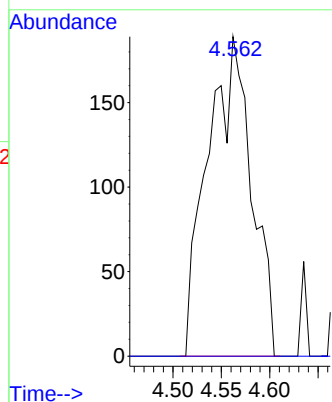
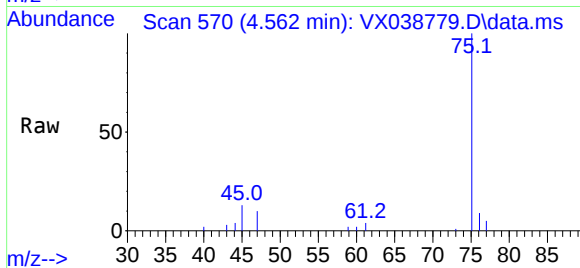
ClientSampleId :

Tgt Ion: 43 Resp: 598

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#27

cis-1,2-Dichloroethene

Concen: 0.214 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX038779.D

Acq: 13 Nov 2023 14:22

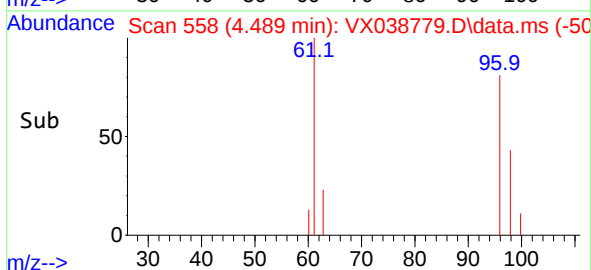
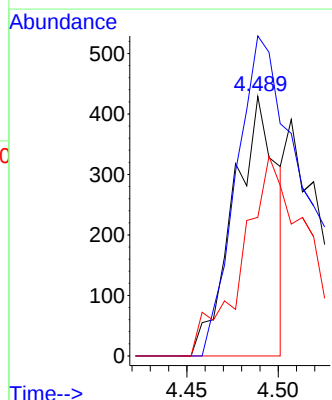
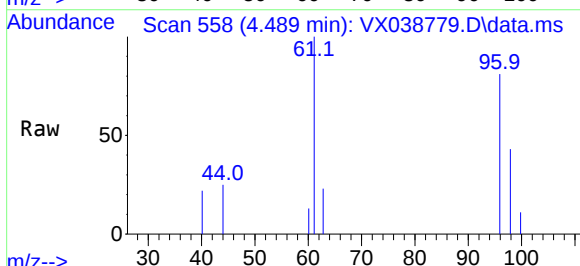
Tgt Ion: 96 Resp: 713

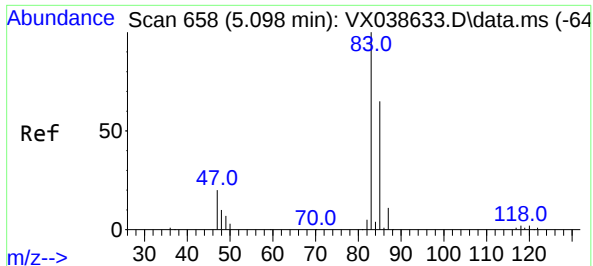
Ion Ratio Lower Upper

96 100

61 201.8 0.0 312.2

98 115.6 0.0 129.0

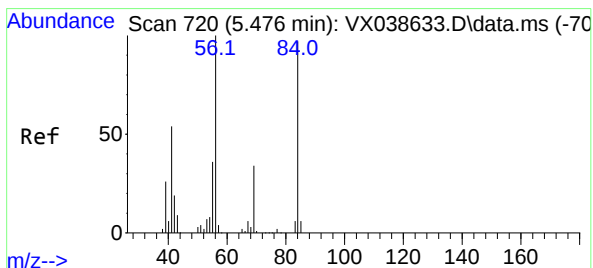
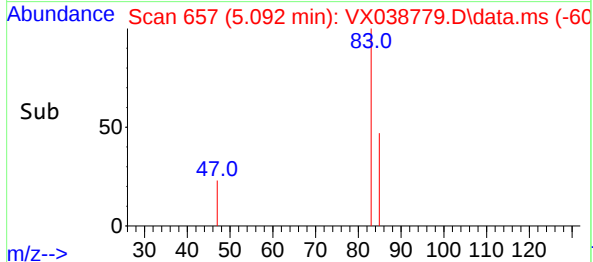
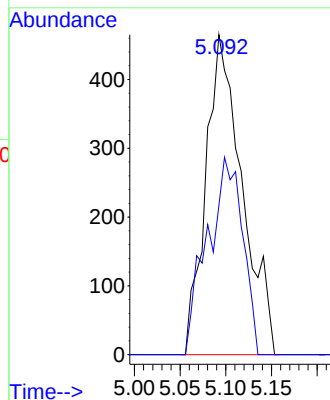
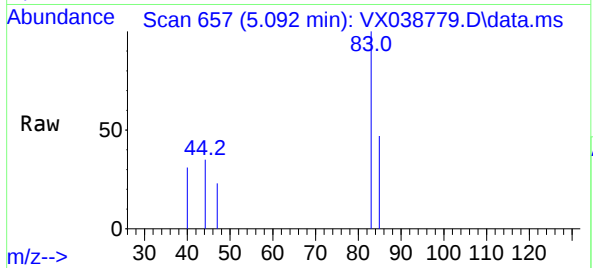




#30
Chloroform
Concen: 0.232 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX038779.D
Acq: 13 Nov 2023 14:22

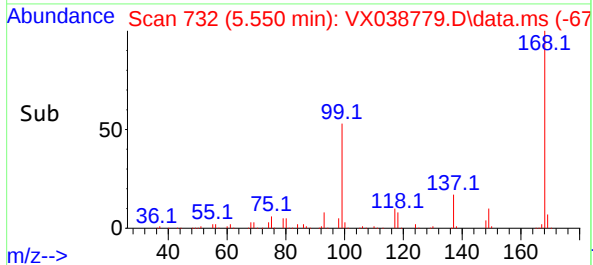
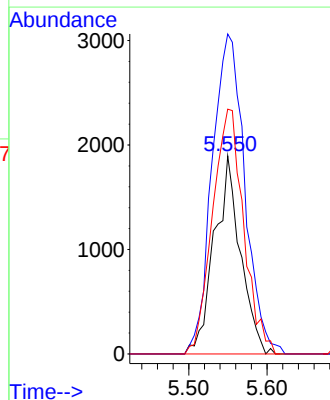
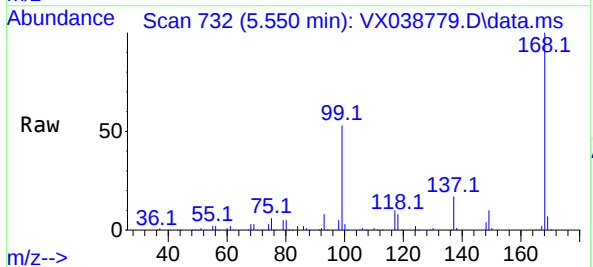
Instrument :
MSVOA_X
ClientSampleId :

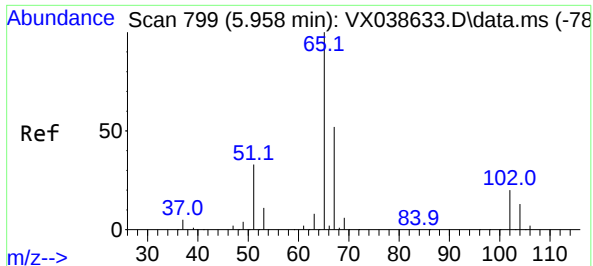
Tgt Ion: 83 Resp: 1288
Ion Ratio Lower Upper
83 100
85 46.7 50.3 75.5#



#31
Cyclohexane
Concen: 1.123 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX038779.D
Acq: 13 Nov 2023 14:22

Tgt Ion: 56 Resp: 4389
Ion Ratio Lower Upper
56 100
69 161.6 23.4 35.2#
84 123.6 65.9 98.9#

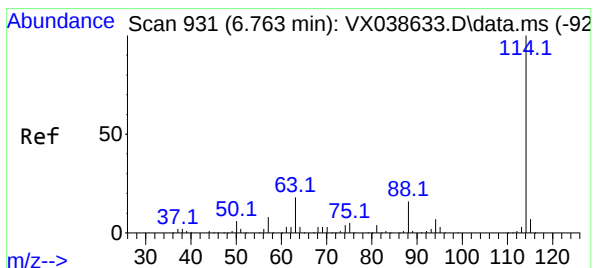
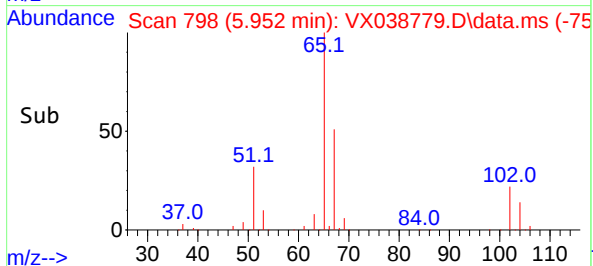
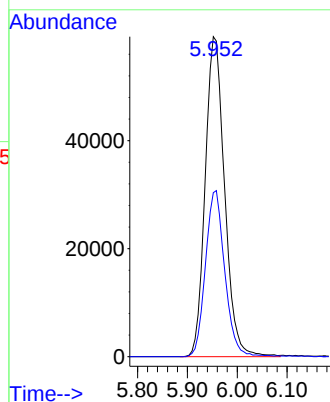
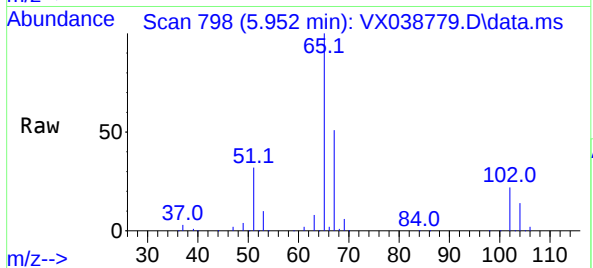




#33
1,2-Dichloroethane-d4
Concen: 45.407 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX038779.D
Acq: 13 Nov 2023 14:22

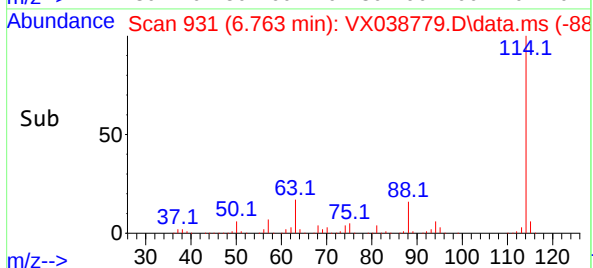
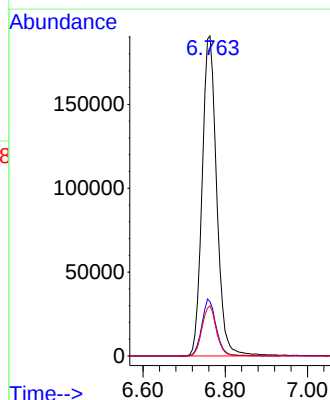
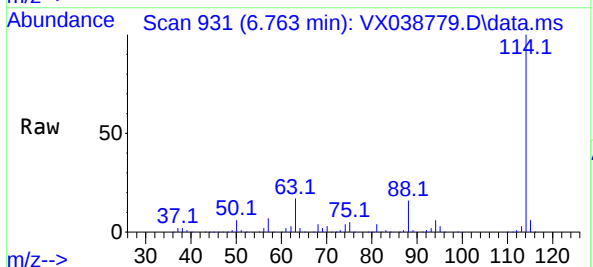
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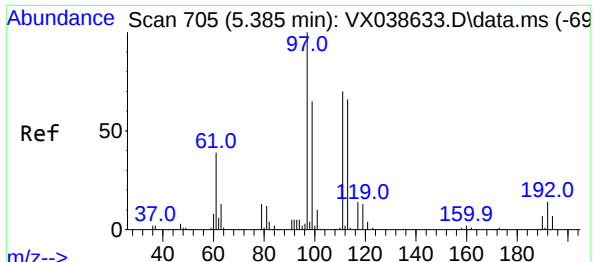
Tgt Ion: 65 Resp: 160279
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038779.D
Acq: 13 Nov 2023 14:22

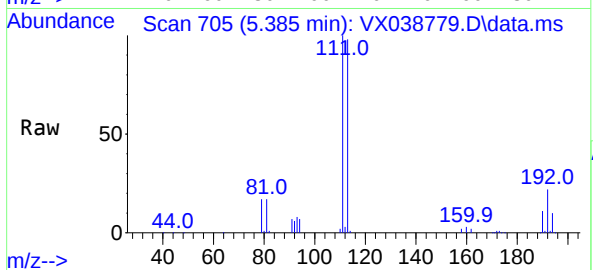
Tgt Ion:114 Resp: 468874
Ion Ratio Lower Upper
114 100
63 16.9 0.0 45.0
88 15.7 0.0 36.6





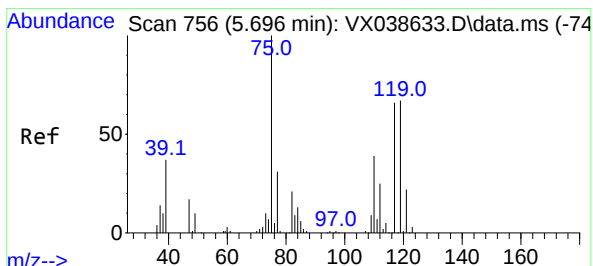
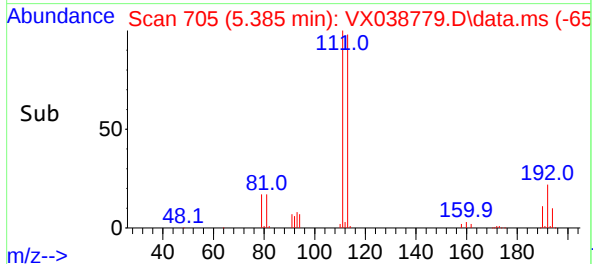
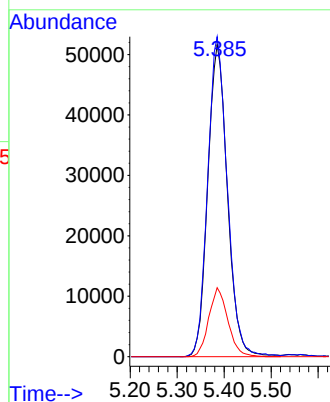
#35
 Dibromofluoromethane
 Concen: 44.294 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX038779.D
 Acq: 13 Nov 2023 14:22

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 113 Resp: 149579

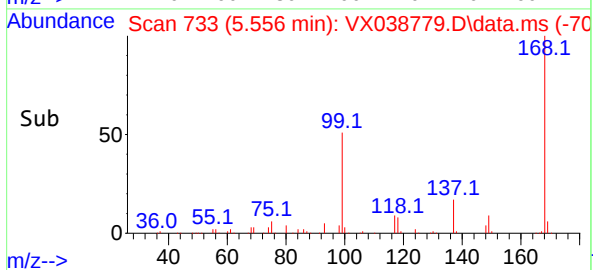
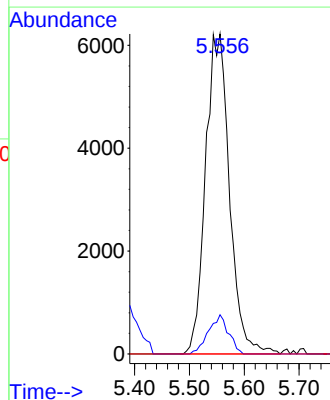
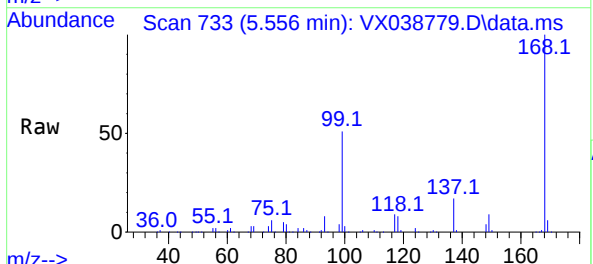
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.9	124.3
192	21.5	13.3	19.9

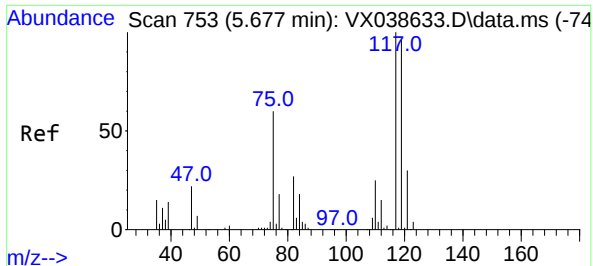


#36
 1,1-Dichloropropene
 Concen: 4.504 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.140 min
 Lab File: VX038779.D
 Acq: 13 Nov 2023 14:22

Tgt Ion: 75 Resp: 18892

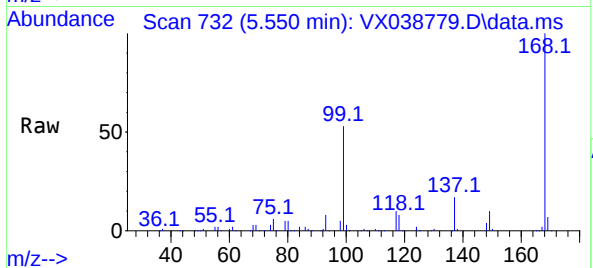
Ion	Ratio	Lower	Upper
75	100		
110	10.2	17.0	50.9
77	0.0	24.7	37.1



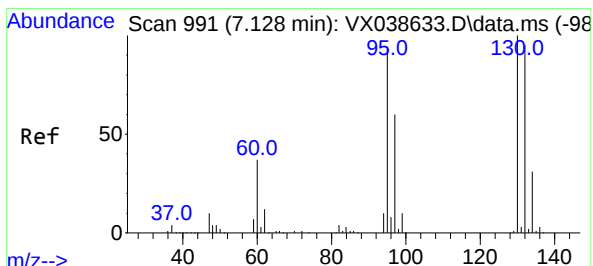
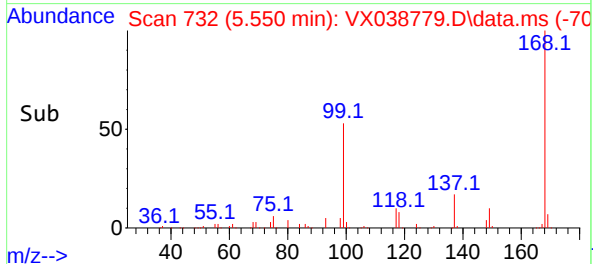
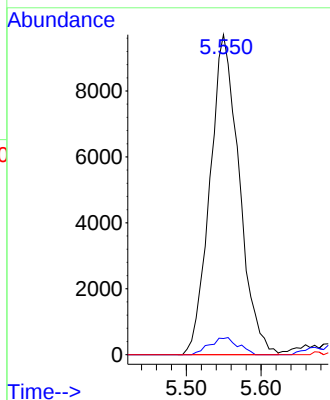


#38
Carbon Tetrachloride
Concen: 5.629 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038779.D
Acq: 13 Nov 2023 14:22

Instrument :
MSVOA_X
ClientSampleId :

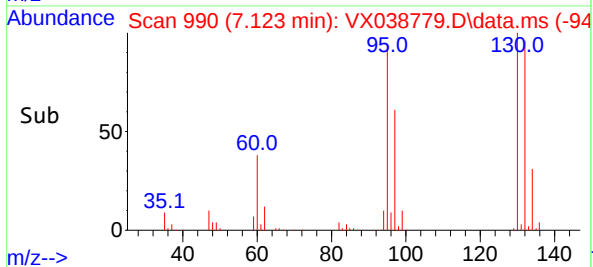
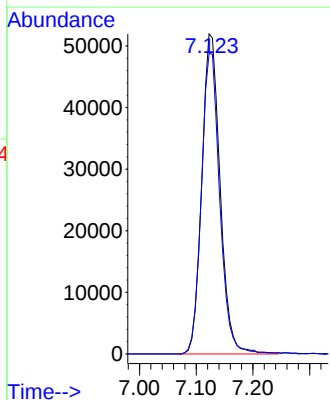
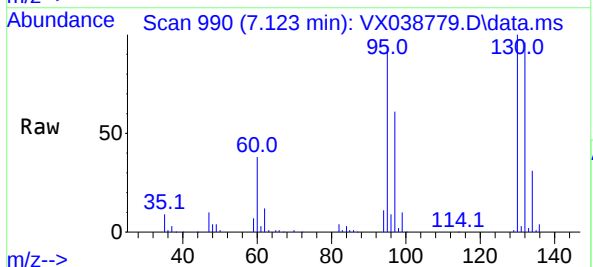


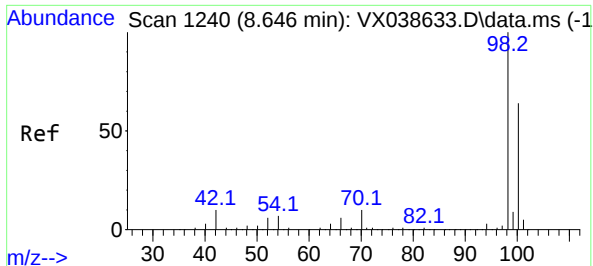
Tgt Ion:117 Resp: 26397
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 30.980 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038779.D
Acq: 13 Nov 2023 14:22

Tgt Ion:130 Resp: 116464
Ion Ratio Lower Upper
130 100
95 93.9 0.0 204.4

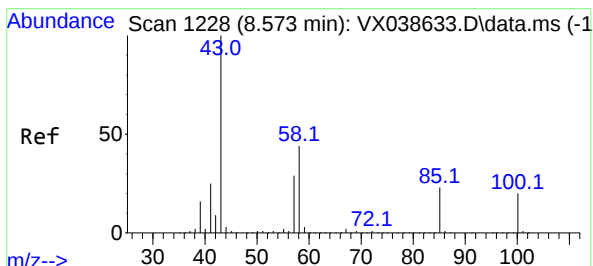
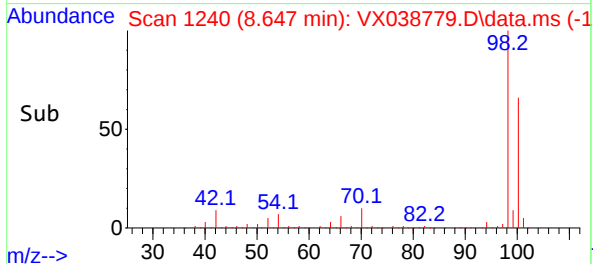
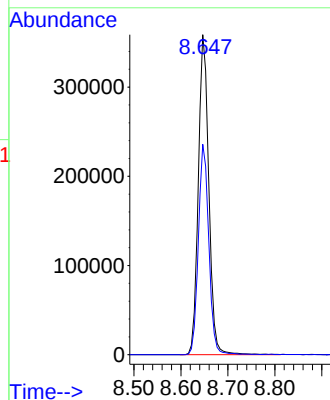
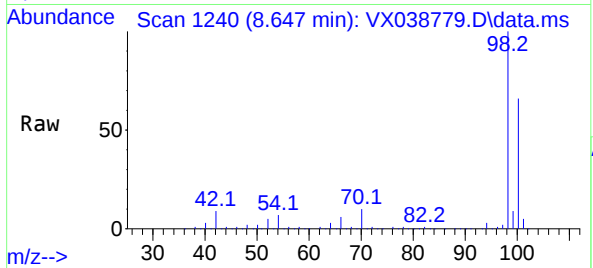




#50
Toluene-d8
Concen: 46.235 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038779.D
Acq: 13 Nov 2023 14:22

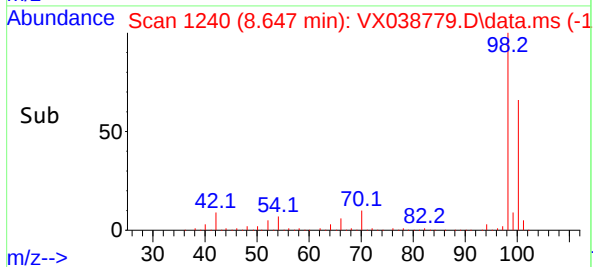
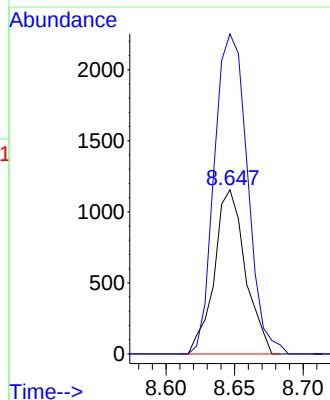
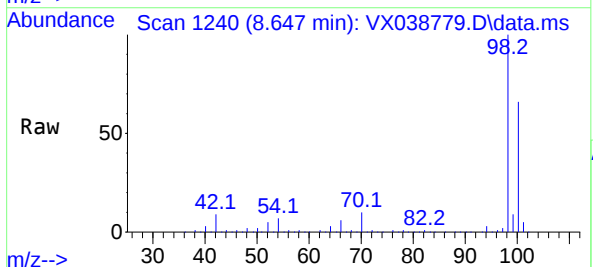
Instrument :
MSVOA_X
ClientSampleId :

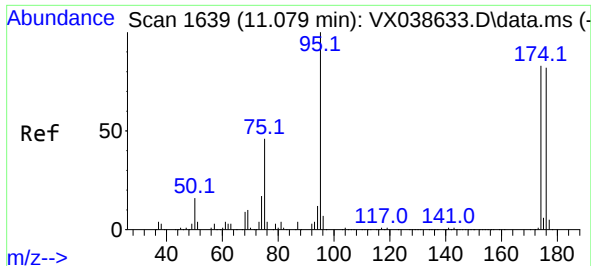
Tgt Ion: 98 Resp: 558710
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.424 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038779.D
Acq: 13 Nov 2023 14:22

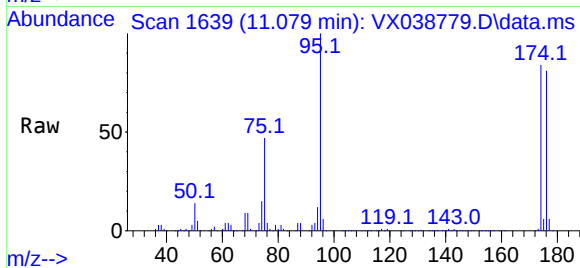
Tgt Ion: 43 Resp: 1818
Ion Ratio Lower Upper
43 100
58 208.3 30.4 45.6#



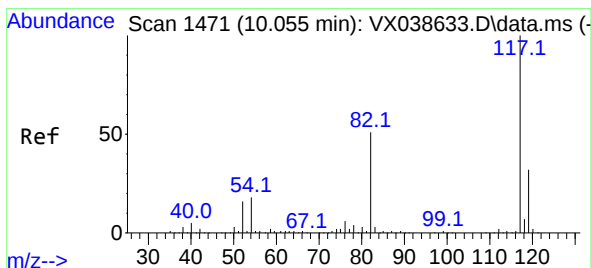
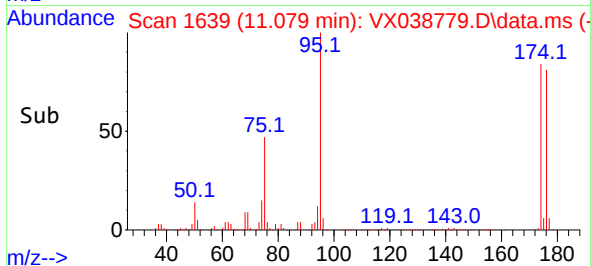
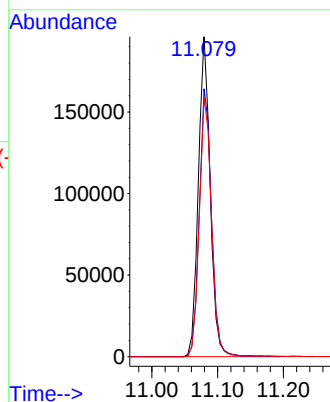


#62
4-Bromofluorobenzene
Concen: 52.220 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038779.D
Acq: 13 Nov 2023 14:22

Instrument :
MSVOA_X
ClientSampleId :

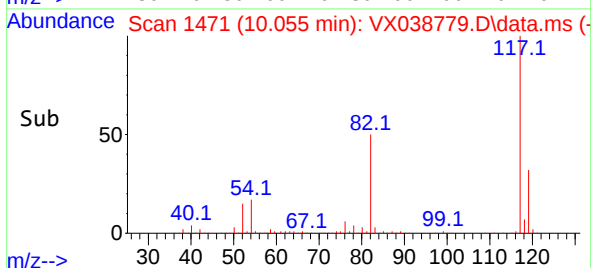
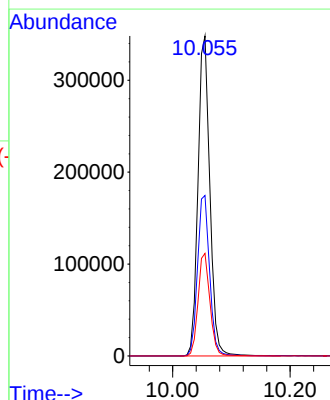
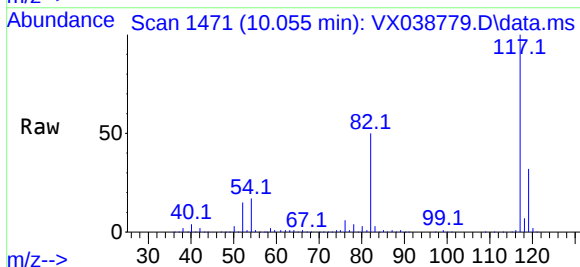


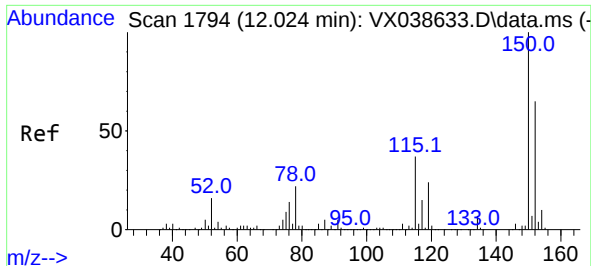
Tgt Ion: 95 Resp: 244660
Ion Ratio Lower Upper
95 100
174 86.2 0.0 135.6
176 83.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038779.D
Acq: 13 Nov 2023 14:22

Tgt Ion: 117 Resp: 487468
Ion Ratio Lower Upper
117 100
82 50.2 46.2 69.4
119 32.0 25.5 38.3

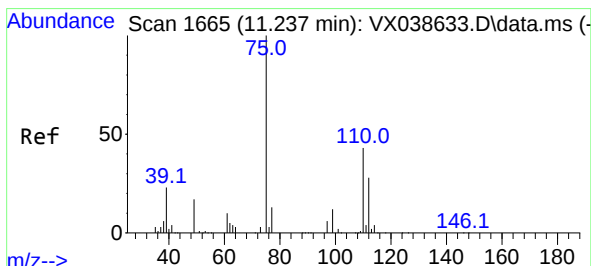
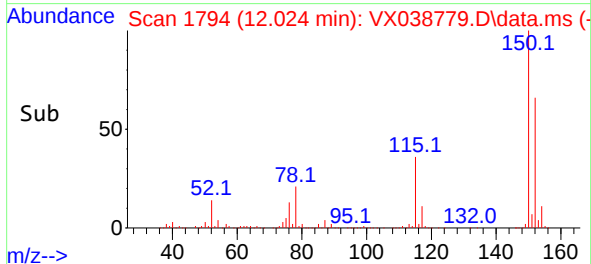
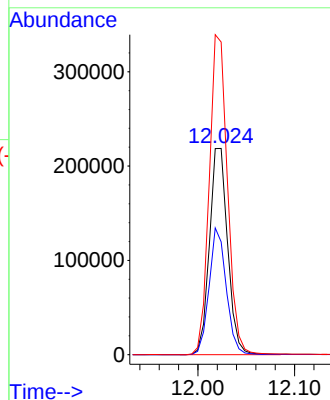
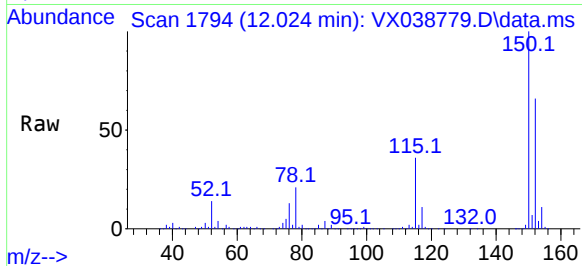




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038779.D
Acq: 13 Nov 2023 14:22

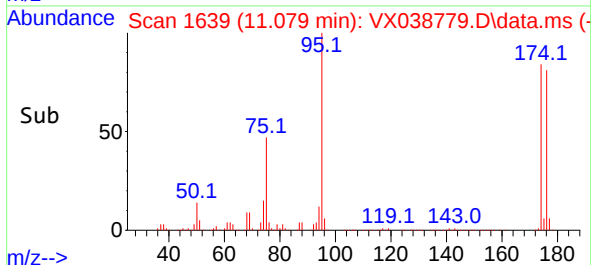
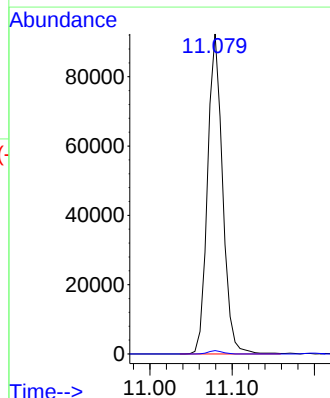
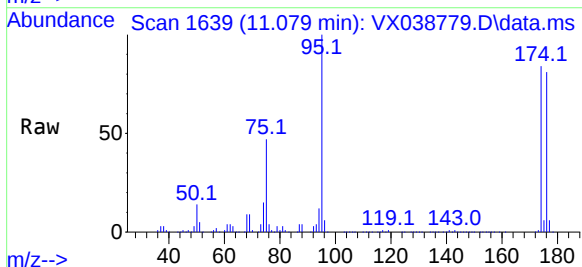
Instrument :
MSVOA_X
ClientSampleId :

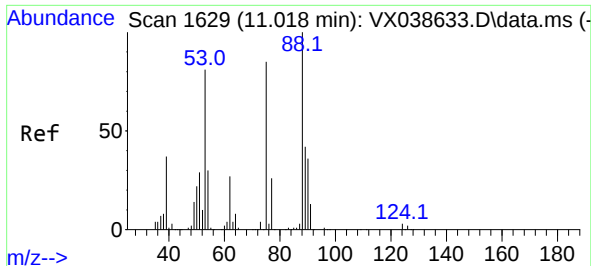
Tgt Ion:152 Resp: 285983
Ion Ratio Lower Upper
152 100
115 58.1 43.3 129.9
150 155.7 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 20.698 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038779.D
Acq: 13 Nov 2023 14:22

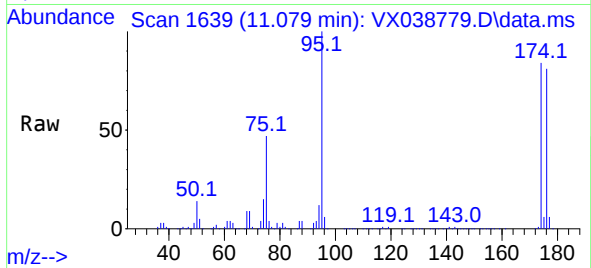
Tgt Ion: 75 Resp: 117232
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 63.019 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038779.D
Acq: 13 Nov 2023 14:22

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 117232
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

