

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
 Data File : VX038430.D
 Acq On : 23 Oct 2023 14:18
 Operator : JC/MD
 Sample : 05007-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 24 00:02:12 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)

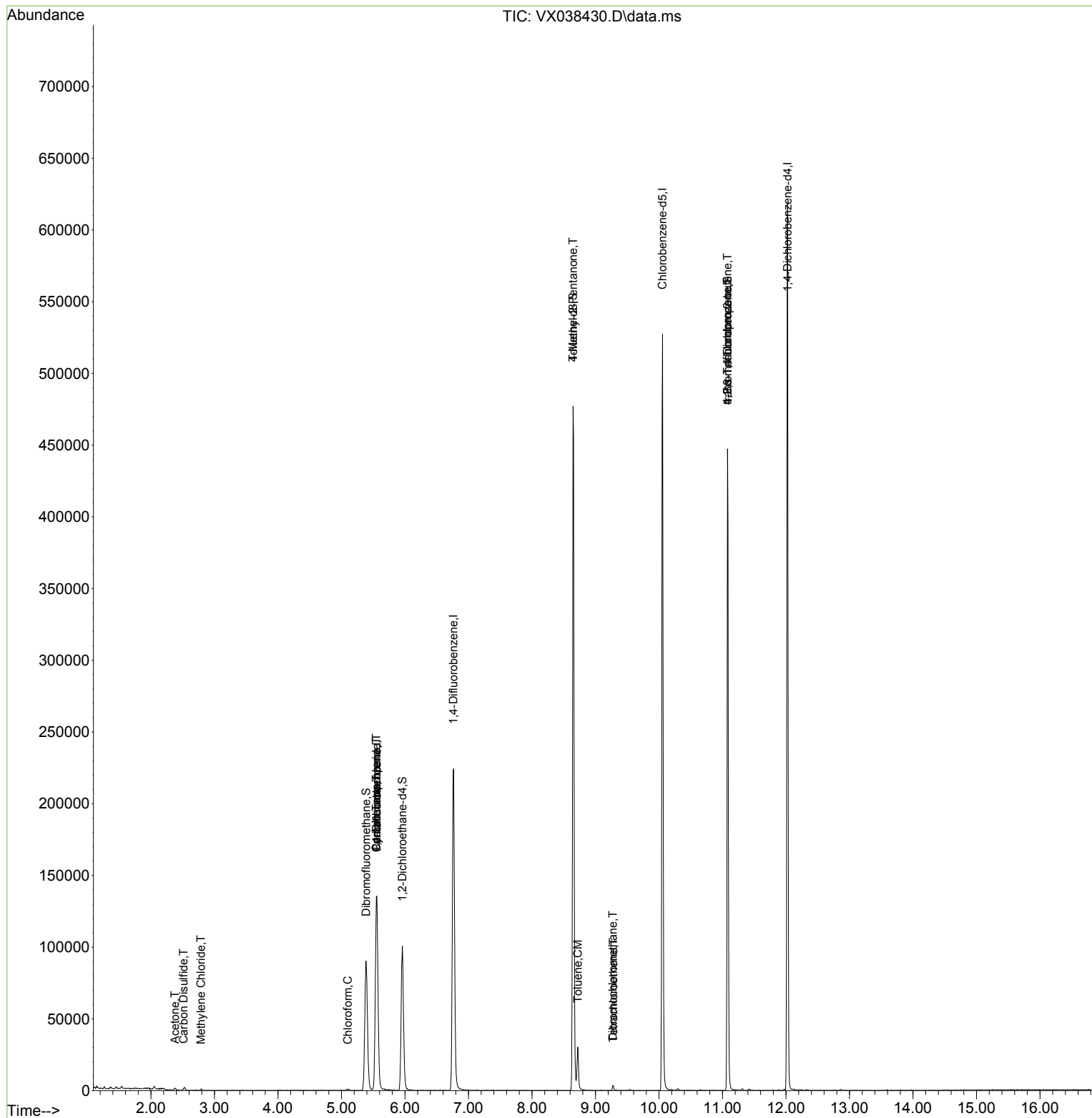
Internal Standards						
1) Pentafluorobenzene	5.556	168	129821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	236451	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94859	45.429	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.860%
35) Dibromofluoromethane	5.385	113	77667	45.585	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.180%
50) Toluene-d8	8.647	98	293384	45.063	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.120%#
62) 4-Bromofluorobenzene	11.079	95	113235	45.877	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.760%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	43	Below Cal	#	3
6) Chloroethane	1.654	64	42	Below Cal	#	43
16) Acetone	2.380	43	1855	2.129	ug/l	95
17) Carbon Disulfide	2.514	76	800	0.234	ug/l #	81
20) Methylene Chloride	2.788	84	439	0.268	ug/l #	50
30) Chloroform	5.099	83	949	0.321	ug/l #	77
31) Cyclohexane	5.550	56	3075	1.359	ug/l #	24
36) 1,1-Dichloropropene	5.550	75	10569	4.498	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13725	5.938	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1178	0.410	ug/l #	1
52) Toluene	8.720	92	10739	2.509	ug/l	89
60) Dibromochloromethane	9.275	129	499	0.278	ug/l #	11
64) Tetrachloroethene	9.281	164	685	0.436	ug/l #	65
76) 1,2,3-Trichloropropane	11.079	75	61659	20.978	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	61659	60.345	ug/l #	5

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

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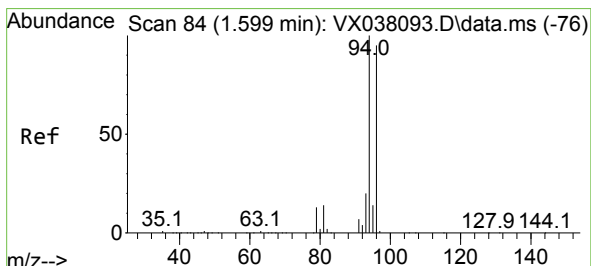
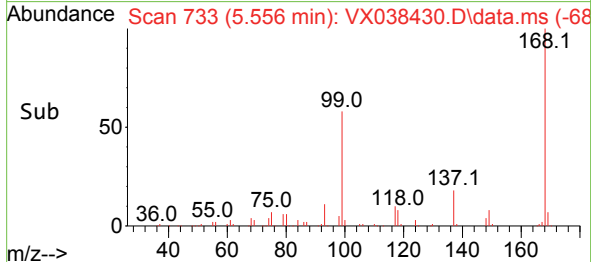
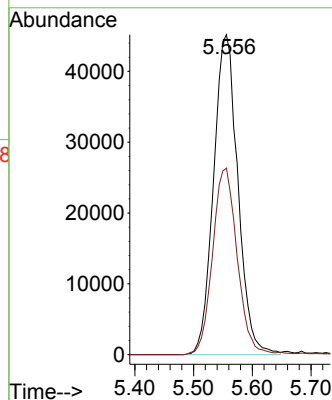
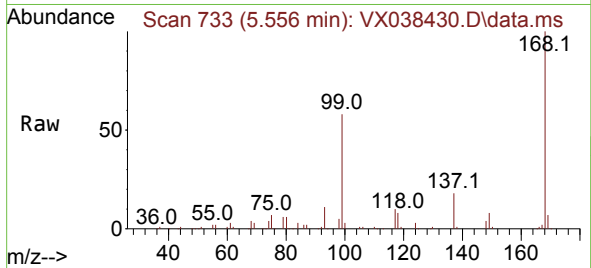




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038430.D
Acq: 23 Oct 2023 14:18

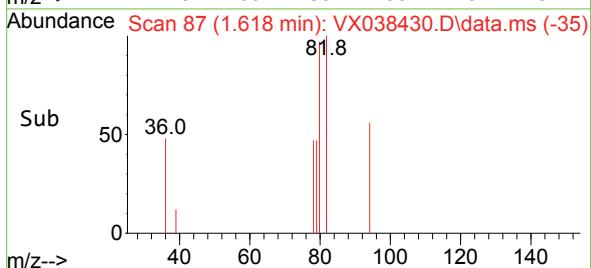
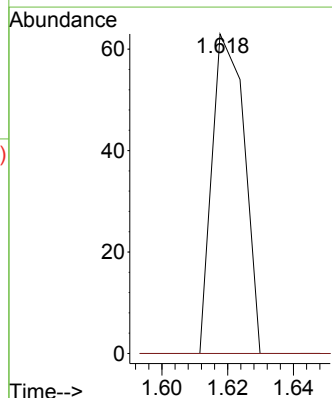
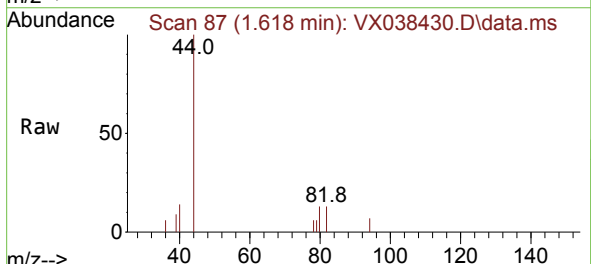
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 129821
Ion Ratio Lower Upper
168 100
99 58.3 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX038430.D
Acq: 23 Oct 2023 14:18

Tgt Ion: 94 Resp: 43
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

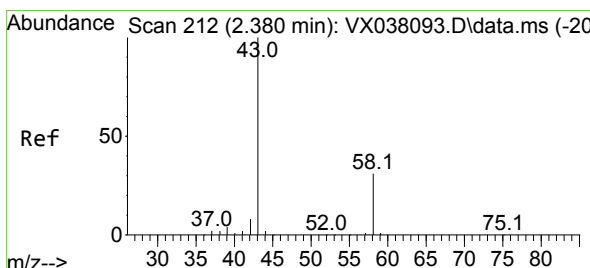
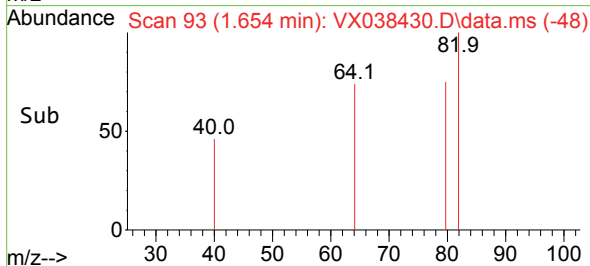
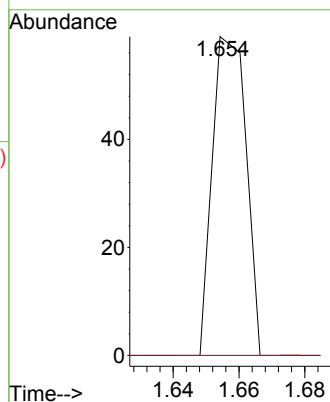
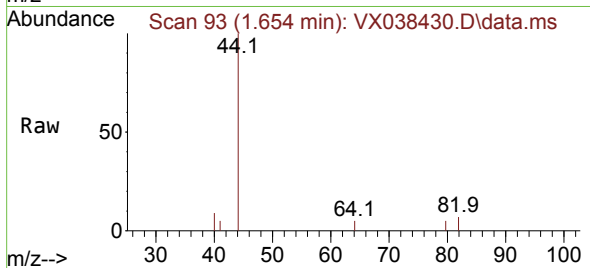




#6
Chloroethane
Concen: Below Cal
RT: 1.654 min Scan# 91
Delta R.T. -0.025 min
Lab File: VX038430.D
Acq: 23 Oct 2023 14:18

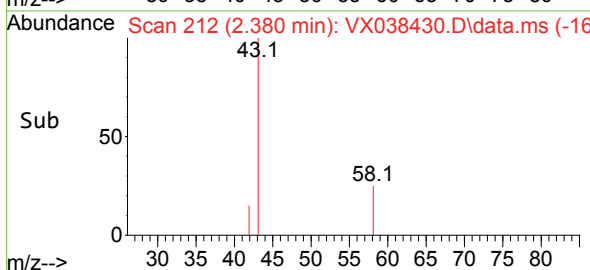
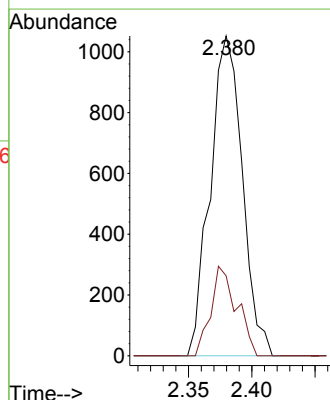
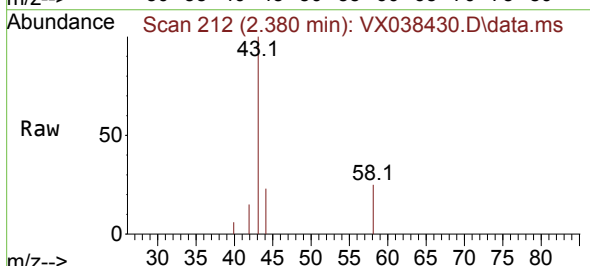
Instrument :
MSVOA_X
ClientSampleId :

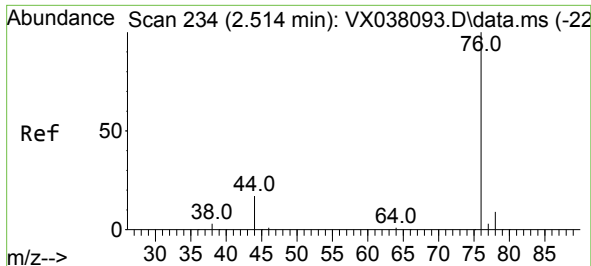
Tgt Ion: 64 Resp: 42
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 2.129 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038430.D
Acq: 23 Oct 2023 14:18

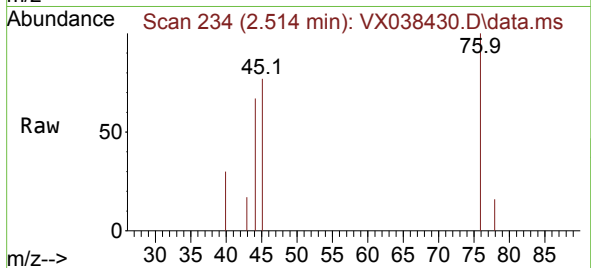
Tgt Ion: 43 Resp: 1855
Ion Ratio Lower Upper
43 100
58 25.0 21.9 32.9



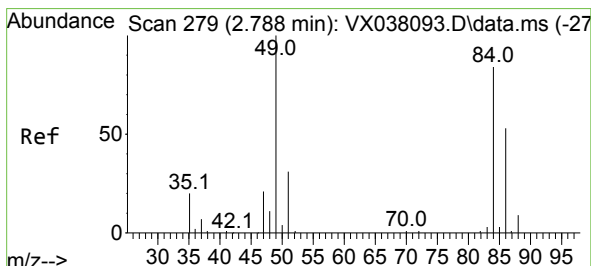
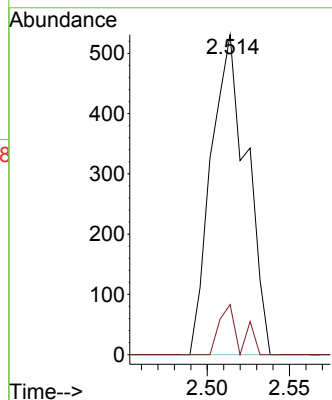
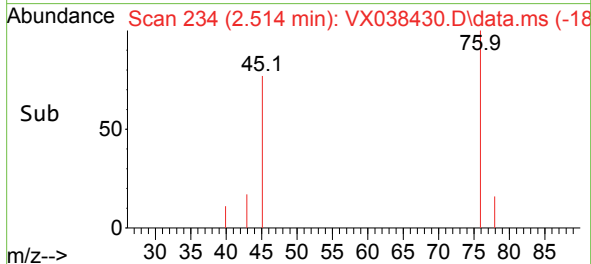


#17
Carbon Disulfide
Concen: 0.234 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038430.D
Acq: 23 Oct 2023 14:18

Instrument :
MSVOA_X
ClientSampleId :

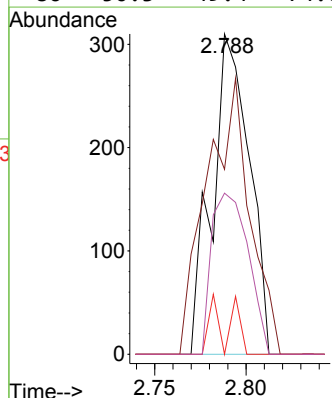
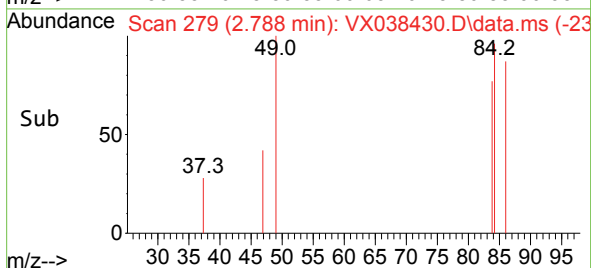
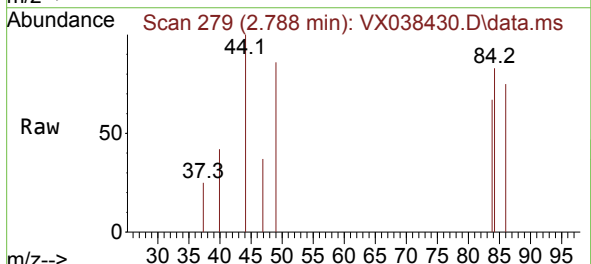


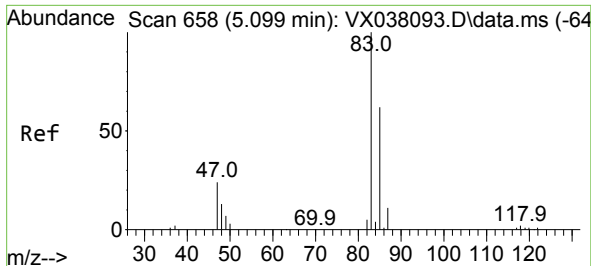
Tgt Ion: 76 Resp: 800
Ion Ratio Lower Upper
76 100
78 15.6 7.0 10.6#



#20
Methylene Chloride
Concen: 0.268 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038430.D
Acq: 23 Oct 2023 14:18

Tgt Ion: 84 Resp: 439
Ion Ratio Lower Upper
84 100
49 57.7 103.6 155.4#
51 0.0 33.8 50.6#
86 50.3 49.4 74.0





#30

Chloroform

Concen: 0.321 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX038430.D

Acq: 23 Oct 2023 14:18

Instrument :

MSVOA_X

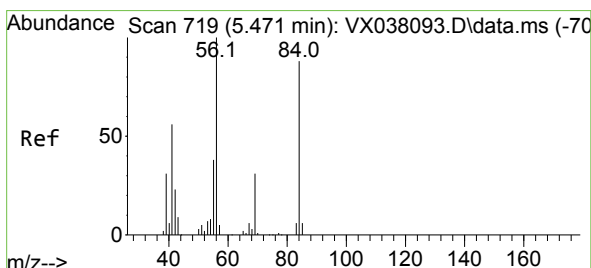
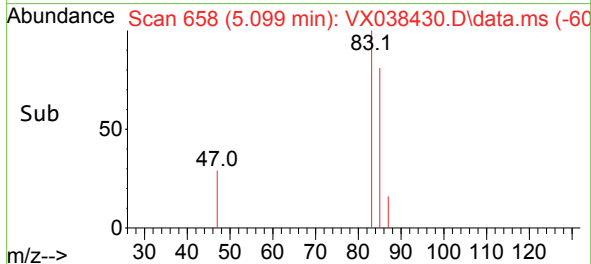
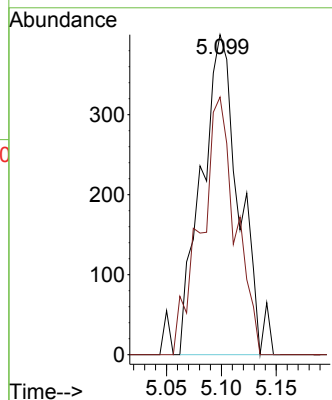
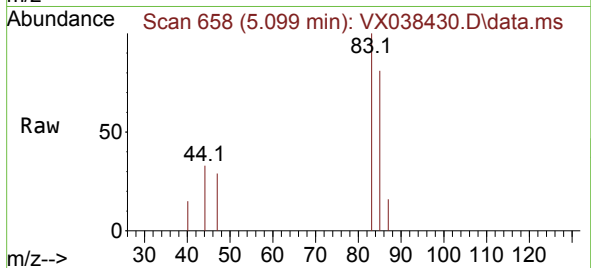
ClientSampleId :

Tgt Ion: 83 Resp: 949

Ion Ratio Lower Upper

83 100

85 80.5 50.3 75.5#



#31

Cyclohexane

Concen: 1.359 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX038430.D

Acq: 23 Oct 2023 14:18

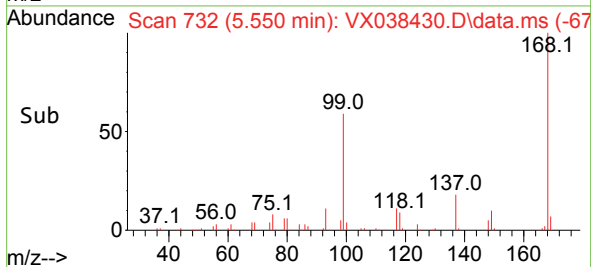
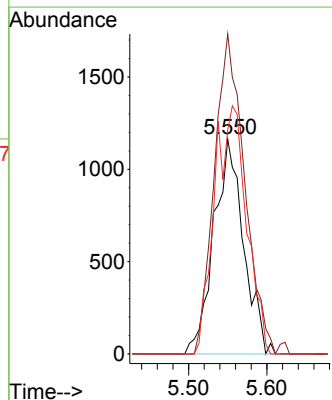
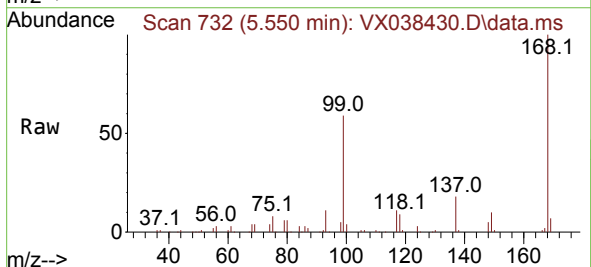
Tgt Ion: 56 Resp: 3075

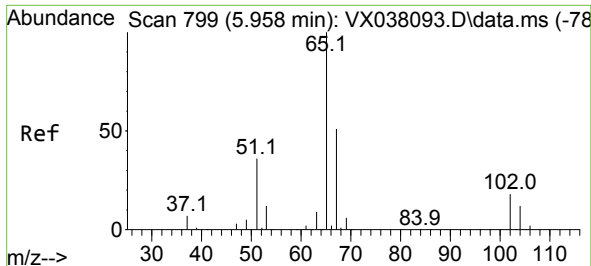
Ion Ratio Lower Upper

56 100

69 149.0 23.4 35.2#

84 104.2 65.9 98.9#

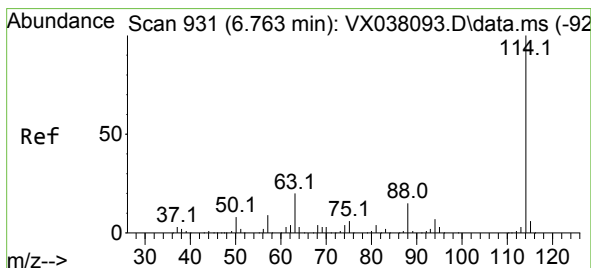
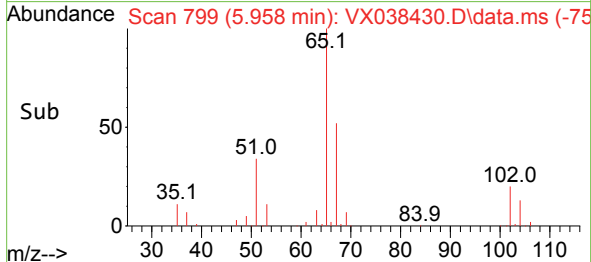
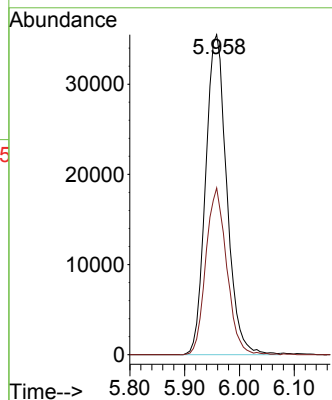
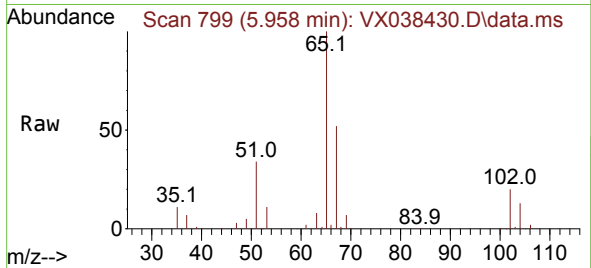




#33
 1,2-Dichloroethane-d4
 Concen: 45.429 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038430.D
 Acq: 23 Oct 2023 14:18

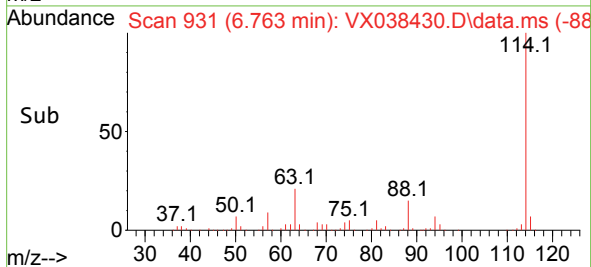
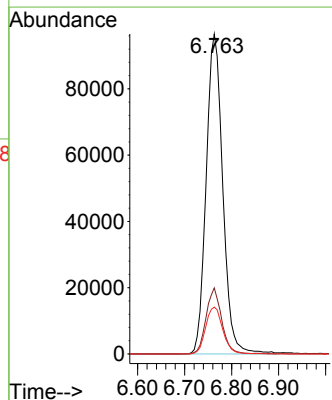
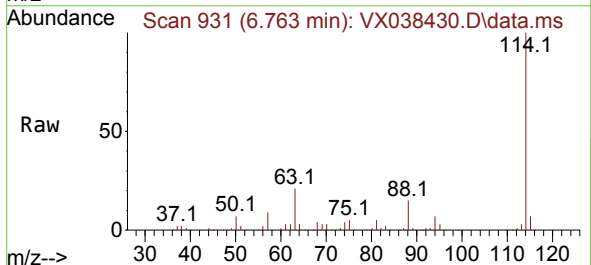
Instrument :
 MSVOA_X
 ClientSampleId :

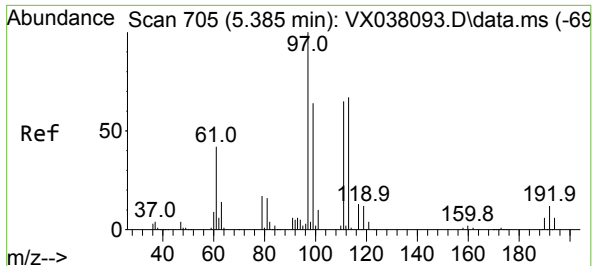
Tgt Ion: 65 Resp: 94859
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038430.D
 Acq: 23 Oct 2023 14:18

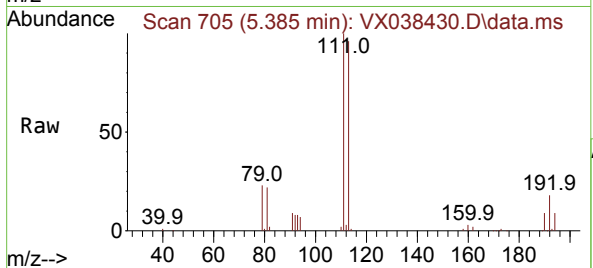
Tgt Ion:114 Resp: 236451
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 45.0
 88 14.7 0.0 36.6



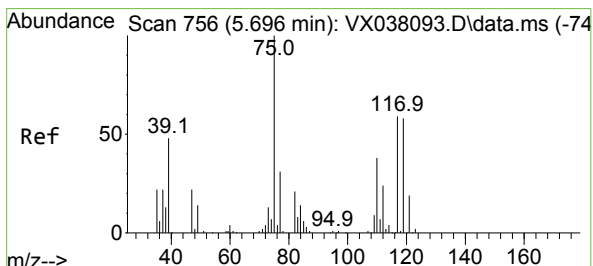
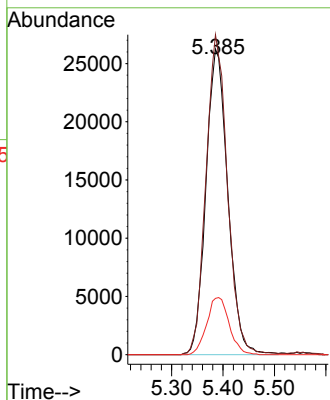
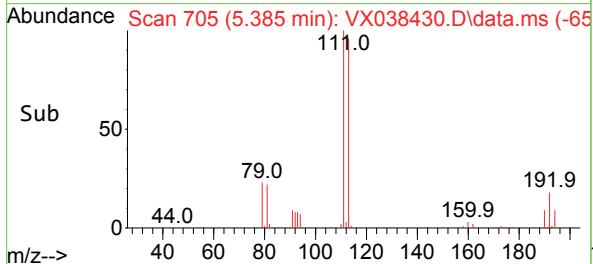


#35
Dibromofluoromethane
Concen: 45.585 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038430.D
Acq: 23 Oct 2023 14:18

Instrument :
MSVOA_X
ClientSampleId :

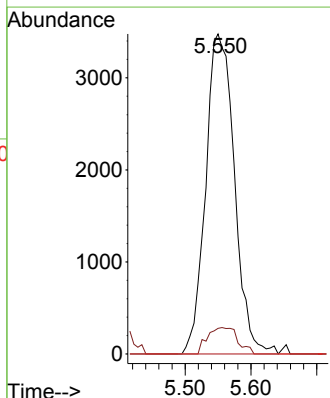
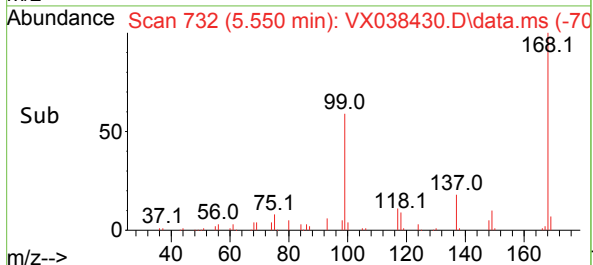
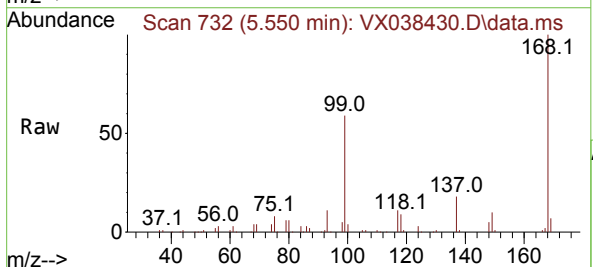


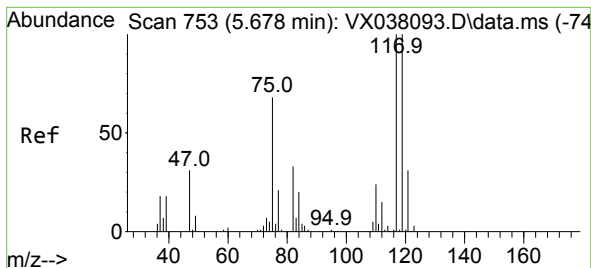
Tgt Ion:113 Resp: 77667
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 19.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.498 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038430.D
Acq: 23 Oct 2023 14:18

Tgt Ion: 75 Resp: 10569
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.938 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

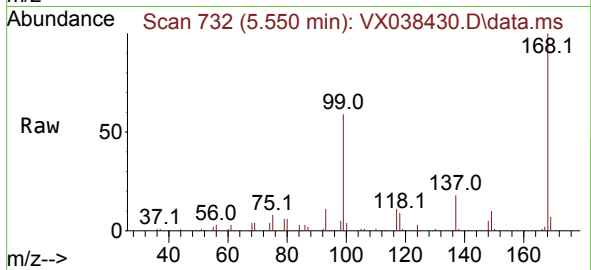
Lab File: VX038430.D

Acq: 23 Oct 2023 14:18

Instrument :

MSVOA_X

ClientSampleId :



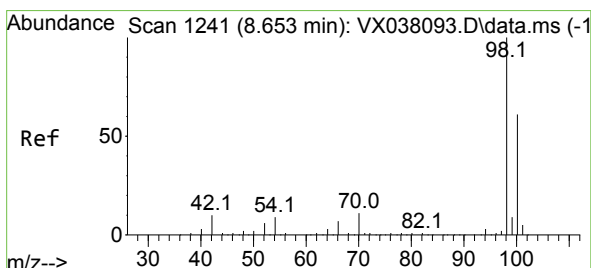
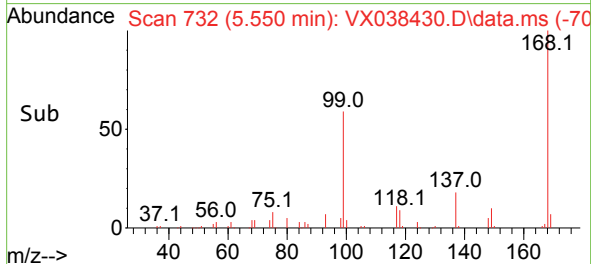
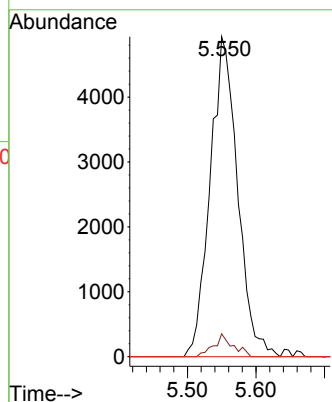
Tgt Ion:117 Resp: 13725

Ion Ratio Lower Upper

117 100

119 7.2 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 45.063 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038430.D

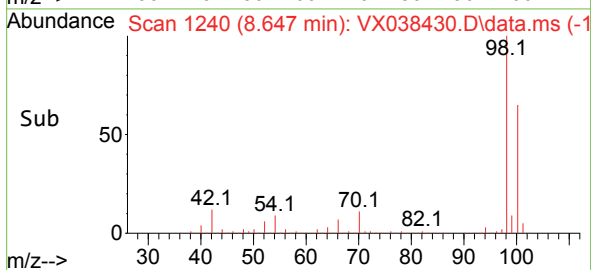
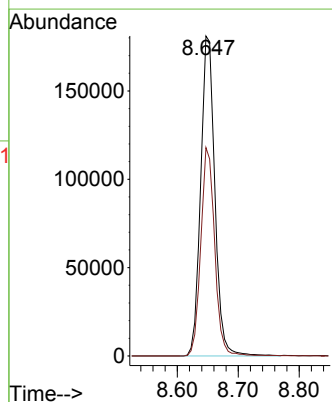
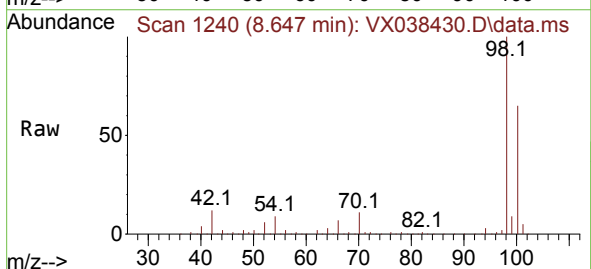
Acq: 23 Oct 2023 14:18

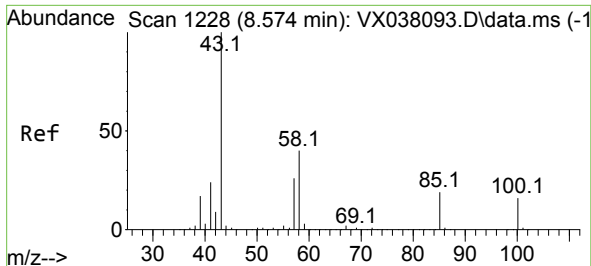
Tgt Ion: 98 Resp: 293384

Ion Ratio Lower Upper

98 100

100 64.0 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.410 ug/l

RT: 8.647 min Scan# 1178

Delta R.T. 0.073 min

Lab File: VX038430.D

Acq: 23 Oct 2023 14:18

Instrument :

MSVOA_X

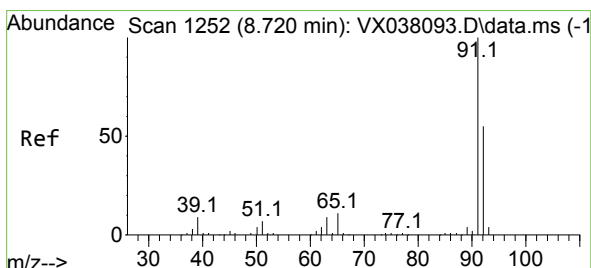
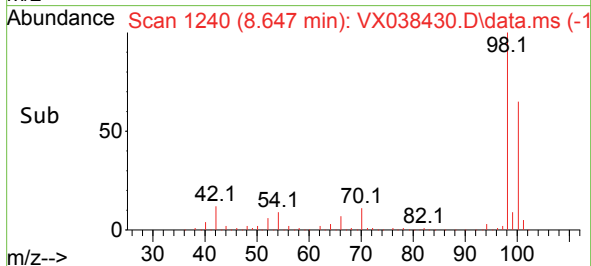
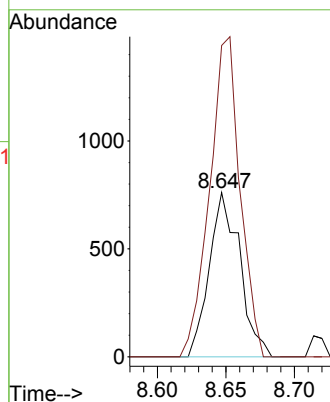
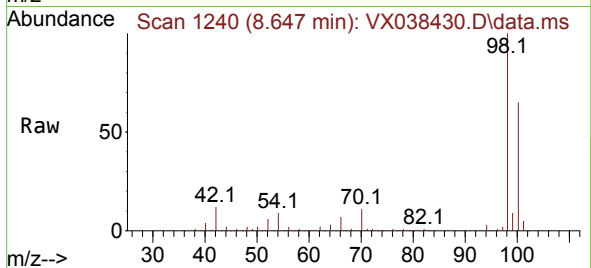
ClientSampleId :

Tgt Ion: 43 Resp: 1178

Ion Ratio Lower Upper

43 100

58 194.7 30.4 45.6#



#52

Toluene

Concen: 2.509 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX038430.D

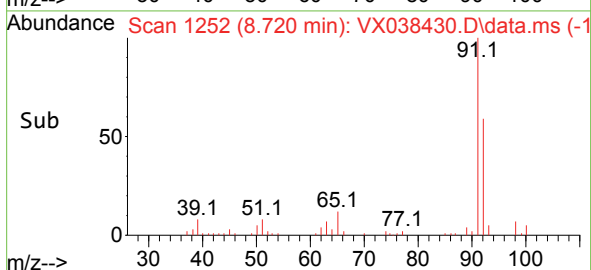
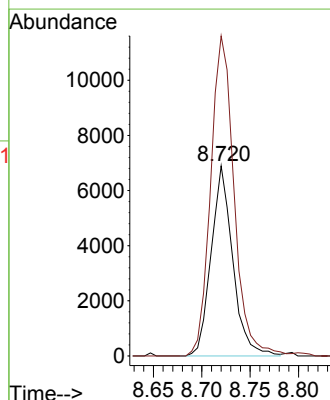
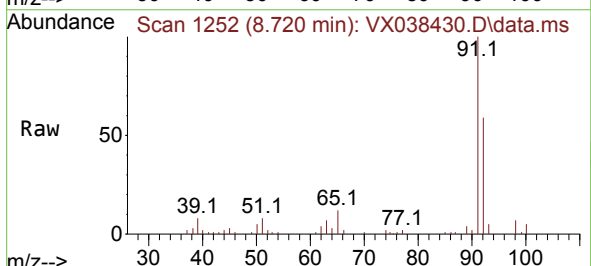
Acq: 23 Oct 2023 14:18

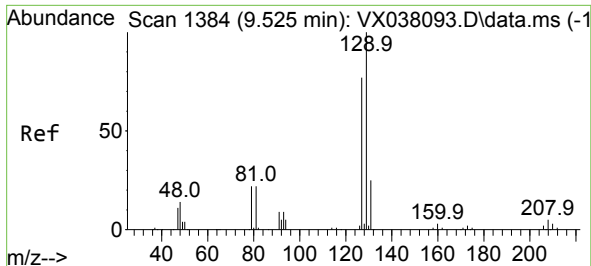
Tgt Ion: 92 Resp: 10739

Ion Ratio Lower Upper

92 100

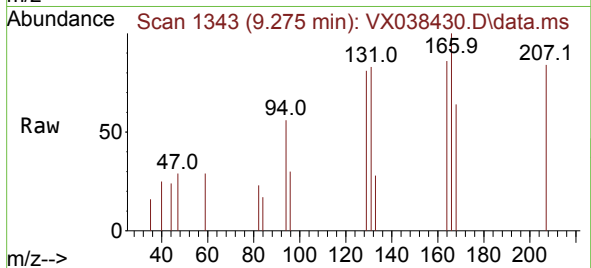
91 182.4 134.2 201.2



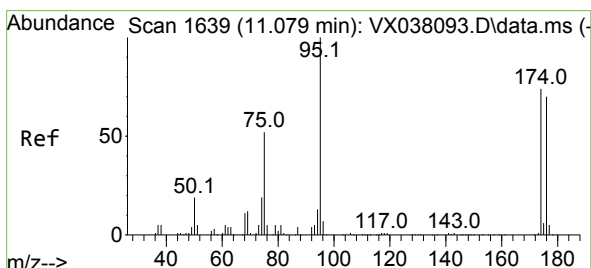
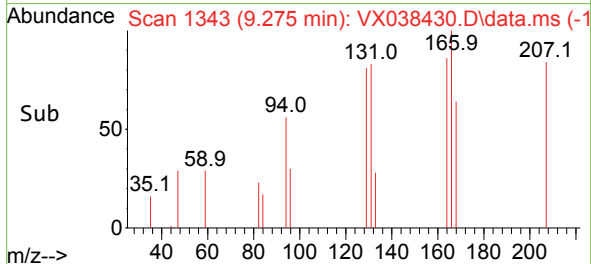
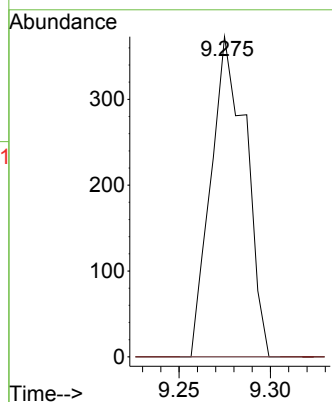


#60
Dibromochloromethane
Concen: 0.278 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX038430.D
Acq: 23 Oct 2023 14:18

Instrument :
MSVOA_X
ClientSampleId :

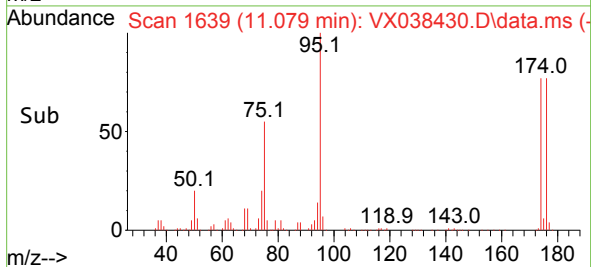
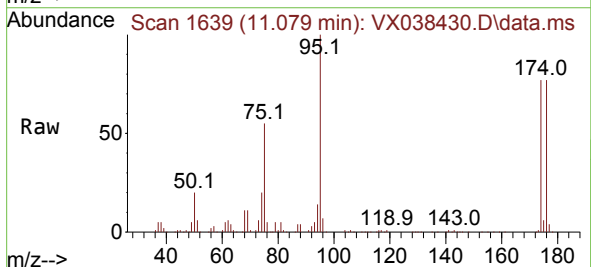
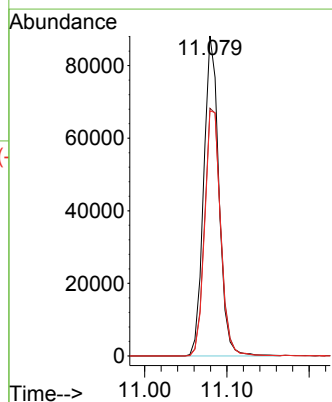


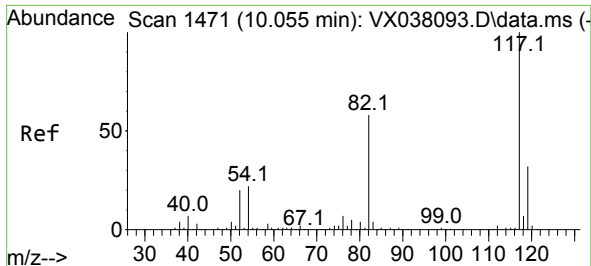
Tgt Ion:129 Resp: 499
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 45.877 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038430.D
Acq: 23 Oct 2023 14:18

Tgt Ion: 95 Resp: 113235
Ion Ratio Lower Upper
95 100
174 81.5 0.0 135.6
176 80.1 0.0 131.0

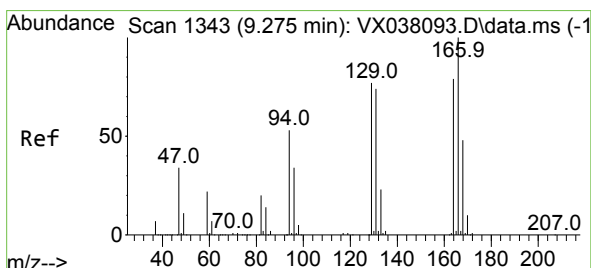
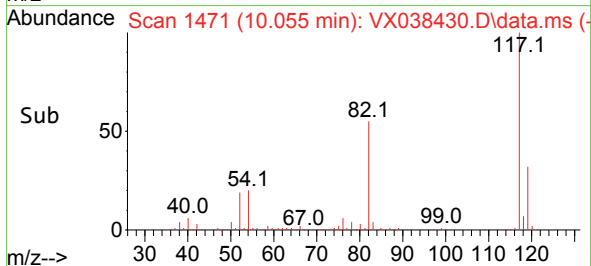
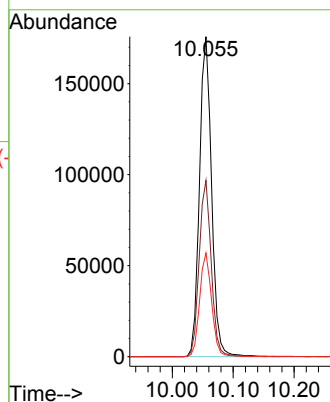
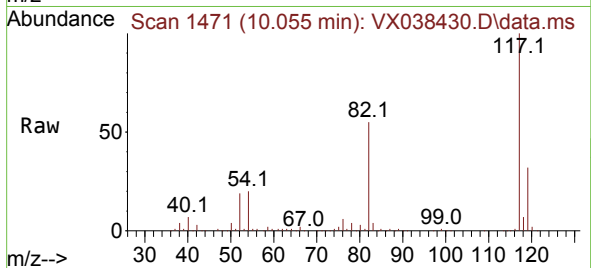




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038430.D
Acq: 23 Oct 2023 14:18

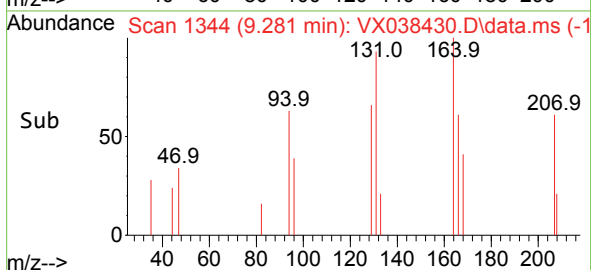
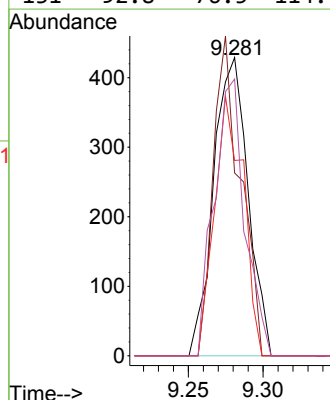
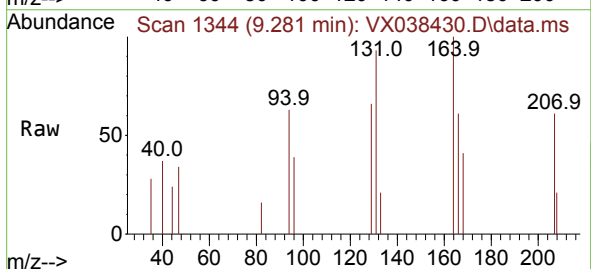
Instrument :
MSVOA_X
ClientSampleId :

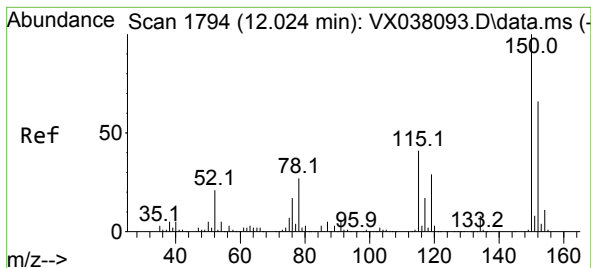
Tgt Ion:117 Resp: 242786
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 0.436 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX038430.D
Acq: 23 Oct 2023 14:18

Tgt Ion:164 Resp: 685
Ion Ratio Lower Upper
164 100
166 61.3 102.7 154.1#
129 65.5 80.4 120.6#
131 92.8 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038430.D

Acq: 23 Oct 2023 14:18

Instrument :

MSVOA_X

ClientSampleId :

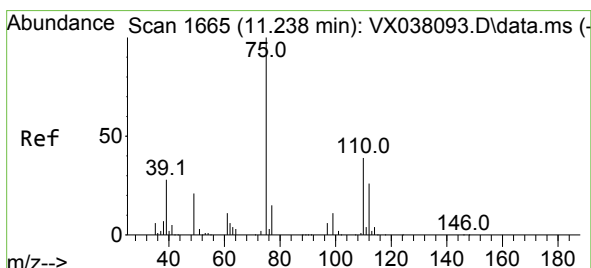
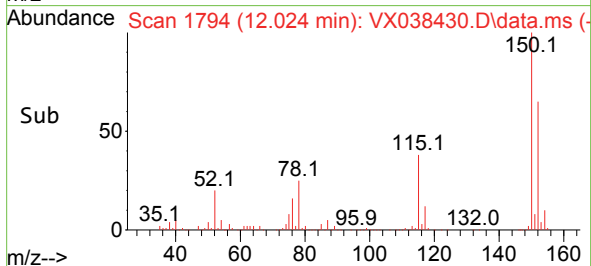
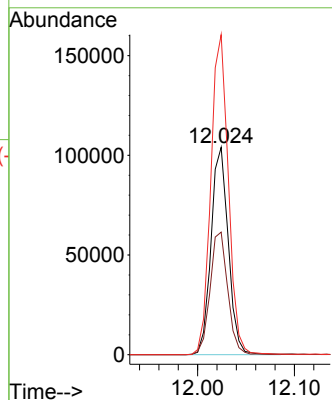
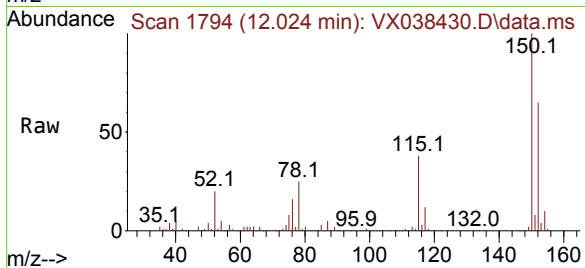
Tgt Ion:152 Resp: 129292

Ion Ratio Lower Upper

152 100

115 60.6 43.3 129.9

150 156.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 20.978 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038430.D

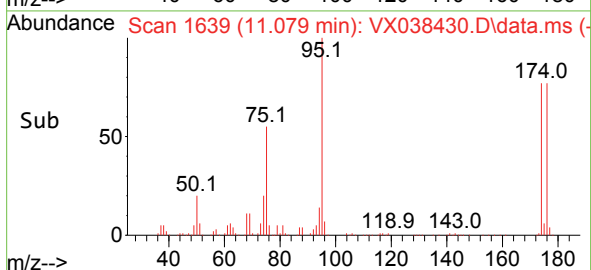
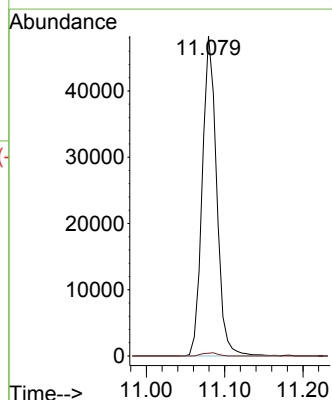
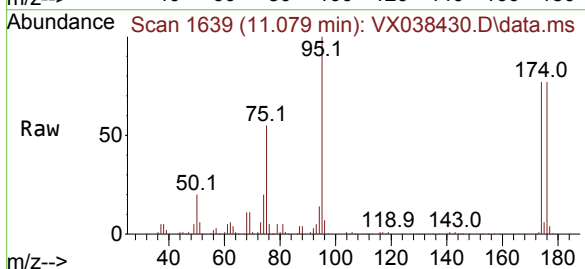
Acq: 23 Oct 2023 14:18

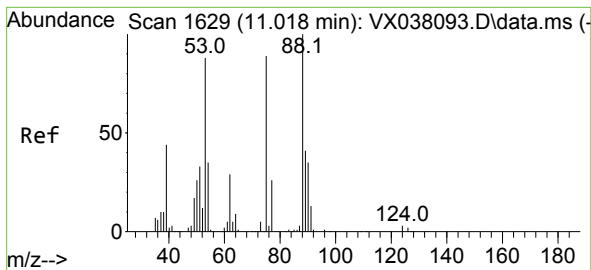
Tgt Ion: 75 Resp: 61659

Ion Ratio Lower Upper

75 100

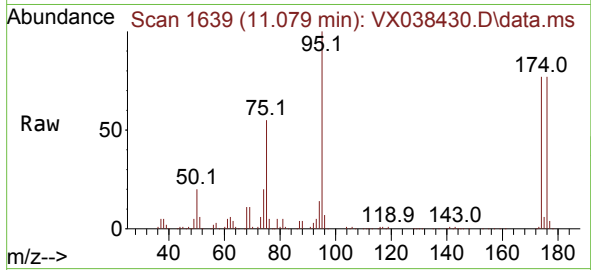
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.345 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038430.D
 Acq: 23 Oct 2023 14:18

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 61659
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

