

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
 Data File : VX038436.D
 Acq On : 23 Oct 2023 16:37
 Operator : JC/MD
 Sample : 05007-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 24 00:04:29 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	122932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222463	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119327	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	88262	44.638	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.280%
35) Dibromofluoromethane	5.391	113	74154	46.260	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.520%
50) Toluene-d8	8.646	98	275946	45.049	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.100%#
62) 4-Bromofluorobenzene	11.079	95	105637	45.490	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.980%

Target Compounds

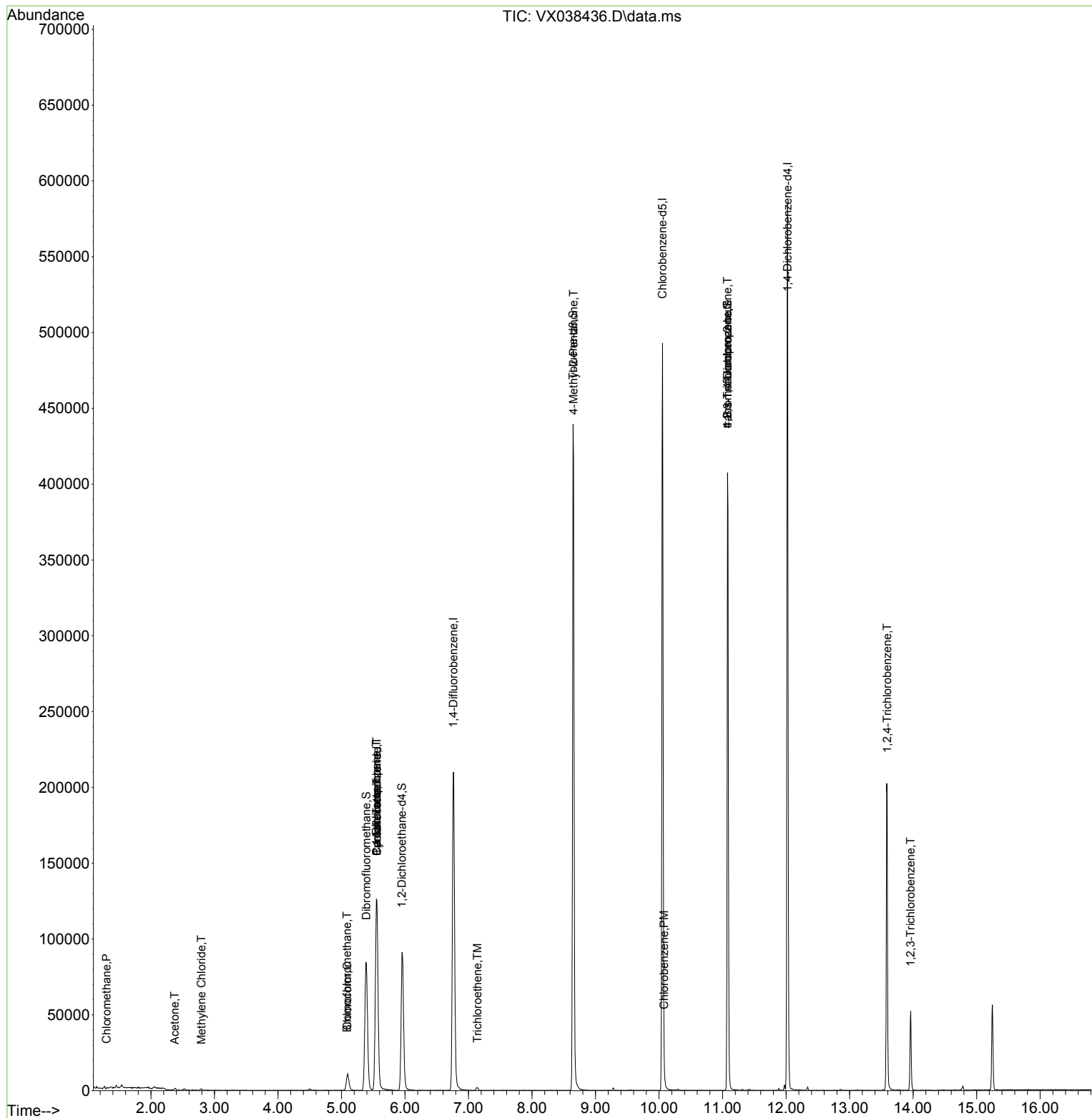
					Qvalue	
3) Chloromethane	1.300	50	289	0.239	ug/l #	85
5) Bromomethane	1.568	94	47	Below Cal	#	3
6) Chloroethane	1.764	64	51	Below Cal	#	43
16) Acetone	2.373	43	1274	1.544	ug/l #	89
20) Methylene Chloride	2.794	84	454	0.292	ug/l	85
28) Bromochloromethane	5.086	49	690	0.597	ug/l #	16
30) Chloroform	5.092	83	12999	4.646	ug/l	93
31) Cyclohexane	5.556	56	2722	1.271	ug/l #	42
36) 1,1-Dichloropropene	5.549	75	10102	4.570	ug/l #	51
38) Carbon Tetrachloride	5.556	117	12696	5.838	ug/l #	15
44) Trichloroethene	7.141	130	855	0.529	ug/l	57
51) 4-Methyl-2-Pentanone	8.653	43	1028	0.380	ug/l #	1
65) Chlorobenzene	10.079	112	1454	0.307	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	57257	21.107	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	57257	60.692	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	50282	19.875	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	13097	5.346	ug/l	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
Data File : VX038436.D
Acq On : 23 Oct 2023 16:37
Operator : JC/MD
Sample : 05007-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 24 00:04:29 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

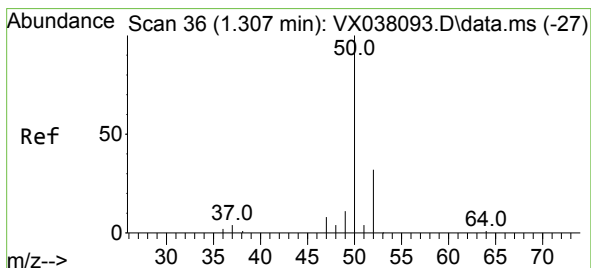
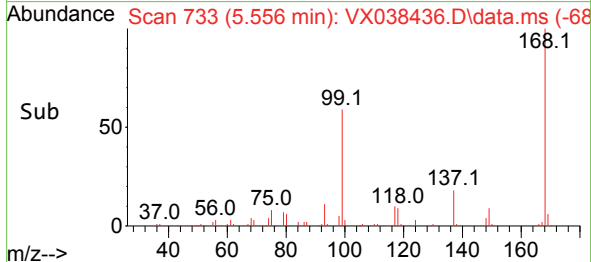
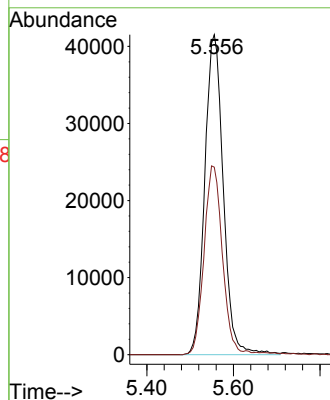
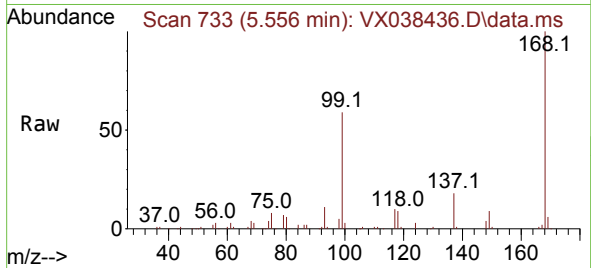




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038436.D
Acq: 23 Oct 2023 16:37

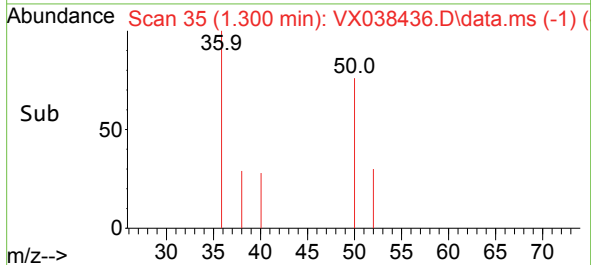
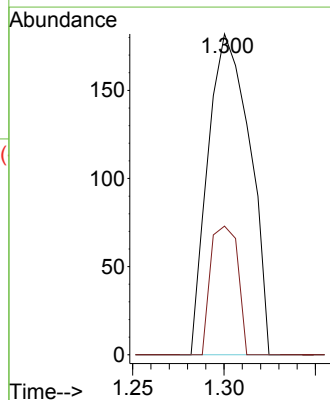
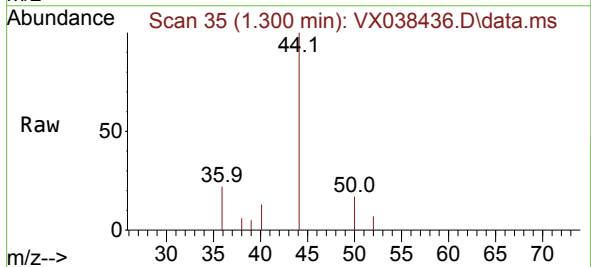
Instrument :
MSVOA_X
ClientSampleId :

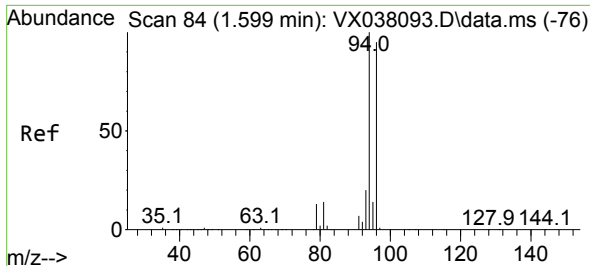
Tgt Ion:168 Resp: 122932
Ion Ratio Lower Upper
168 100
99 58.6 56.6 85.0



#3
Chloromethane
Concen: 0.239 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.001 min
Lab File: VX038436.D
Acq: 23 Oct 2023 16:37

Tgt Ion: 50 Resp: 289
Ion Ratio Lower Upper
50 100
52 40.1 25.5 38.3#

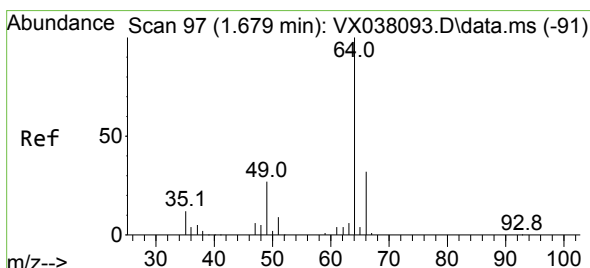
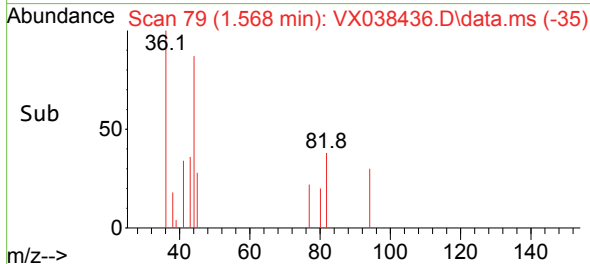
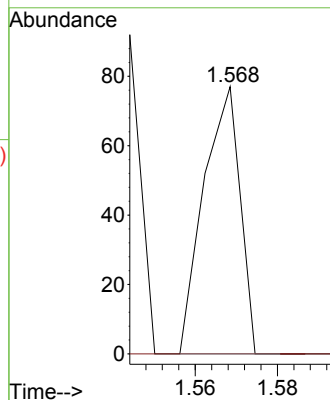
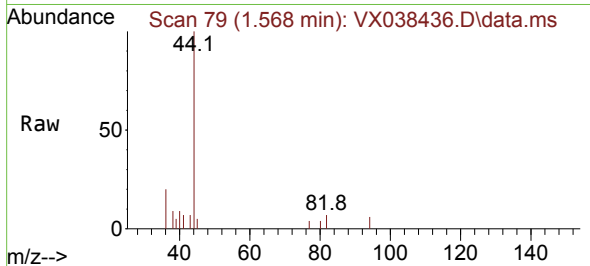




#5
Bromomethane
Concen: Below Cal
RT: 1.568 min Scan# 79
Delta R.T. -0.031 min
Lab File: VX038436.D
Acq: 23 Oct 2023 16:37

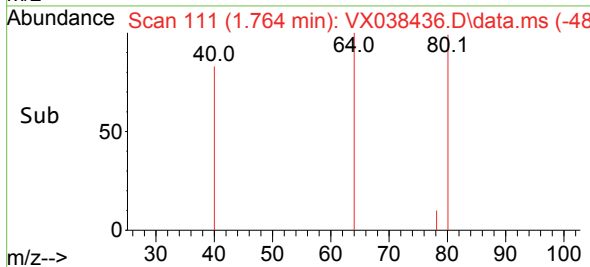
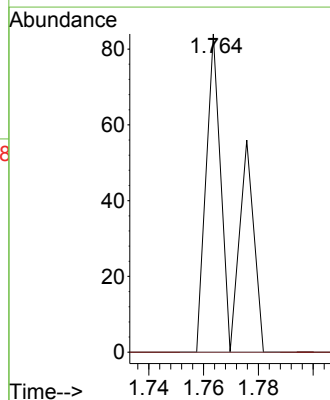
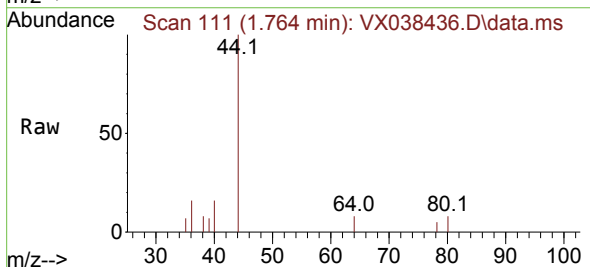
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 47
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.764 min Scan# 111
Delta R.T. 0.085 min
Lab File: VX038436.D
Acq: 23 Oct 2023 16:37

Tgt Ion: 64 Resp: 51
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

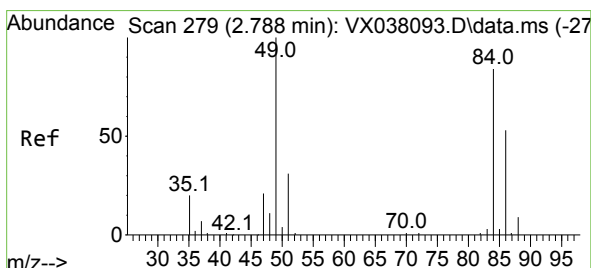
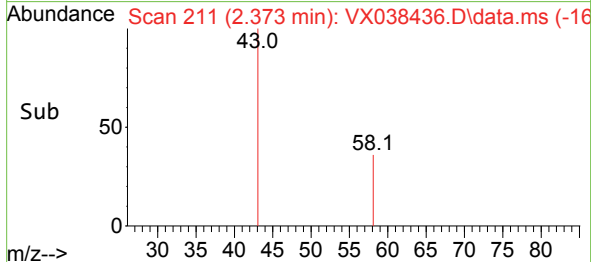
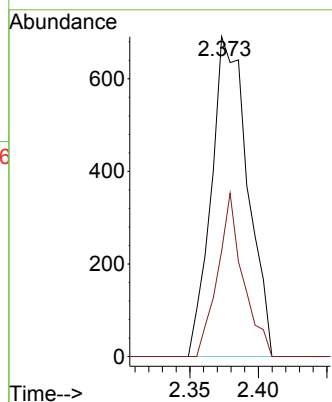
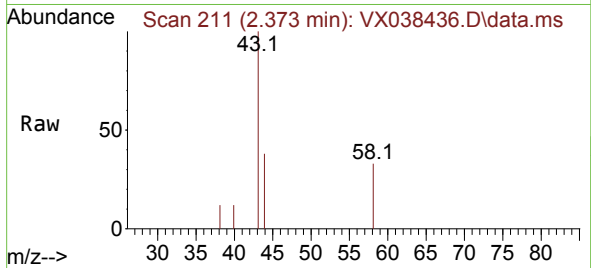




#16
Acetone
Concen: 1.544 ug/l
RT: 2.373 min Scan# 21
Delta R.T. -0.007 min
Lab File: VX038436.D
Acq: 23 Oct 2023 16:37

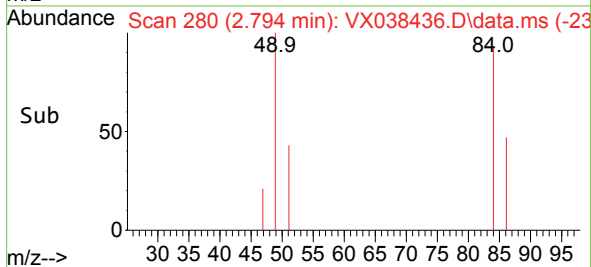
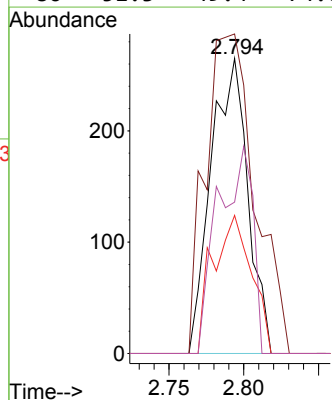
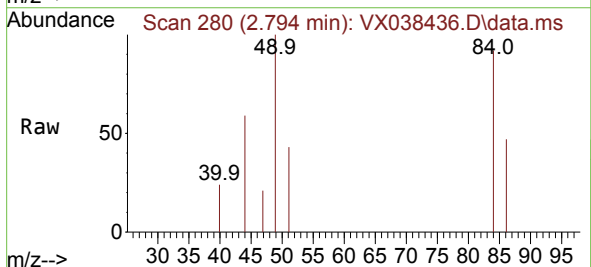
Instrument :
MSVOA_X
ClientSampleId :

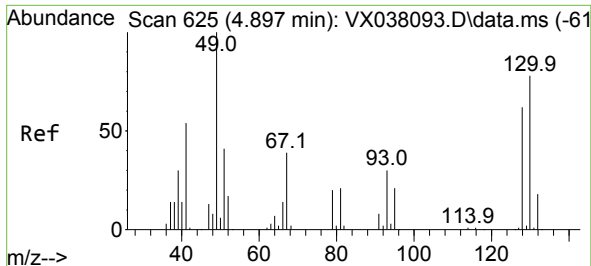
Tgt Ion: 43 Resp: 1274
Ion Ratio Lower Upper
43 100
58 33.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.292 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038436.D
Acq: 23 Oct 2023 16:37

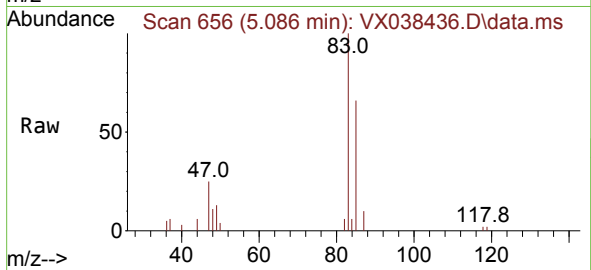
Tgt Ion: 84 Resp: 454
Ion Ratio Lower Upper
84 100
49 108.3 103.6 155.4
51 46.8 33.8 50.6
86 51.3 49.4 74.0



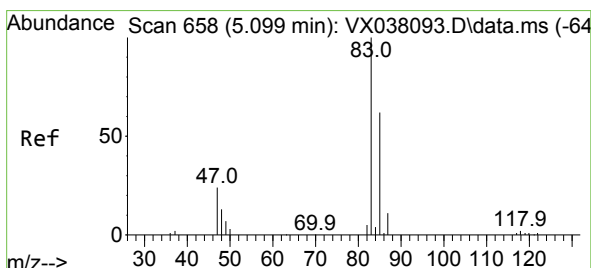
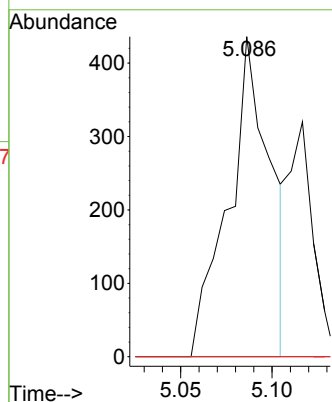
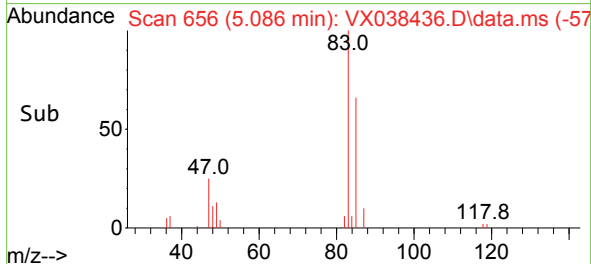


#28
Bromochloromethane
Concen: 0.597 ug/l
RT: 5.086 min Scan# 61
Delta R.T. 0.189 min
Lab File: VX038436.D
Acq: 23 Oct 2023 16:37

Instrument :
MSVOA_X
ClientSampleId :

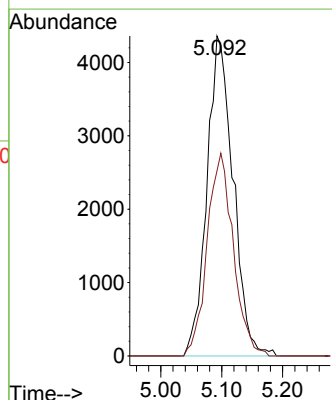
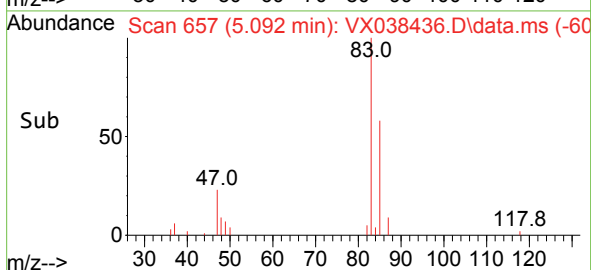
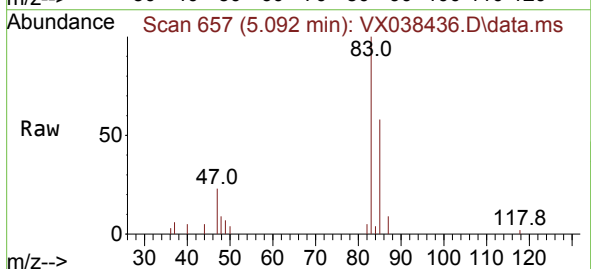


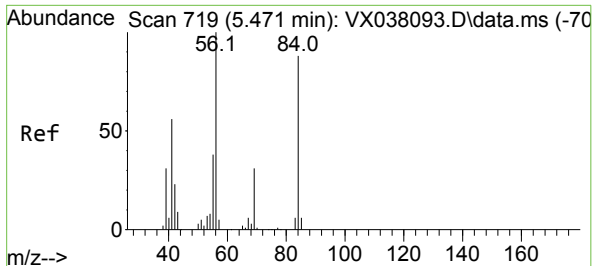
Tgt Ion: 49 Resp: 690
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 57.5 86.3#



#30
Chloroform
Concen: 4.646 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.001 min
Lab File: VX038436.D
Acq: 23 Oct 2023 16:37

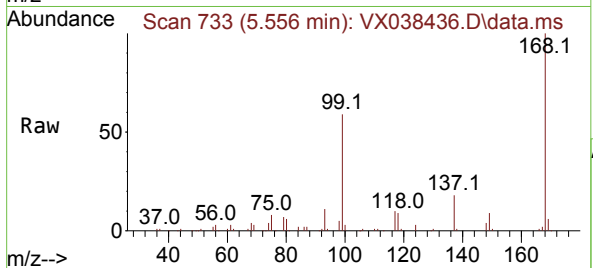
Tgt Ion: 83 Resp: 12999
Ion Ratio Lower Upper
83 100
85 57.8 50.3 75.5



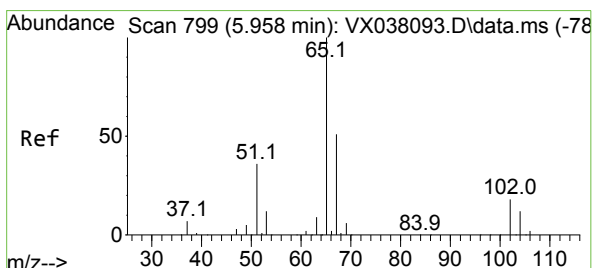
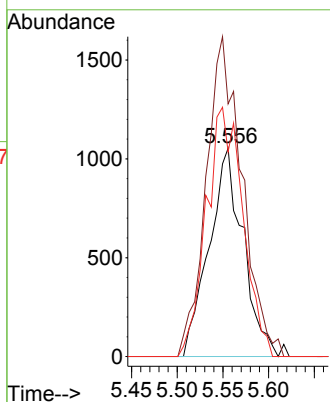
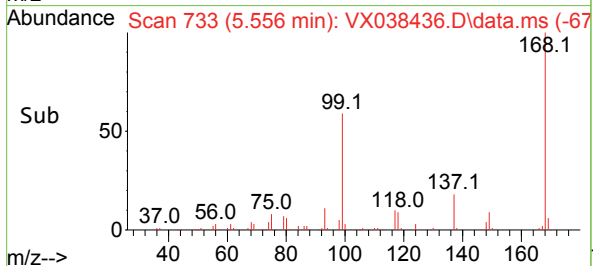


#31
Cyclohexane
Concen: 1.271 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX038436.D
Acq: 23 Oct 2023 16:37

Instrument :
MSVOA_X
ClientSampleId :

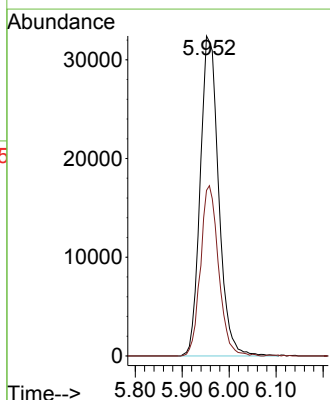
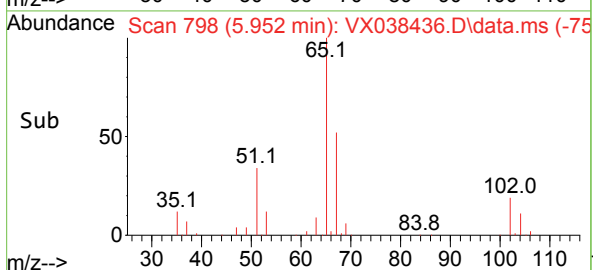
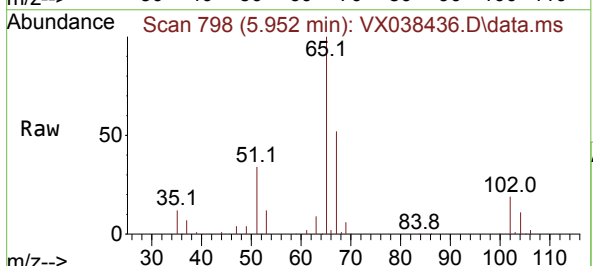


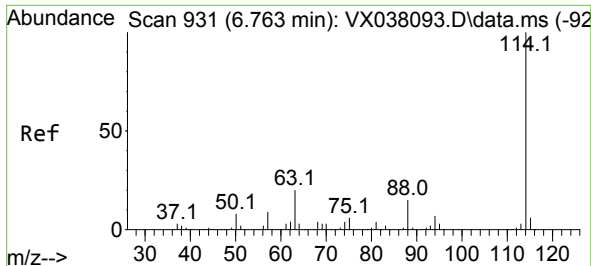
Tgt Ion: 56 Resp: 2722
Ion Ratio Lower Upper
56 100
69 121.3 23.4 35.2#
84 98.2 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 44.638 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038436.D
Acq: 23 Oct 2023 16:37

Tgt Ion: 65 Resp: 88262
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2

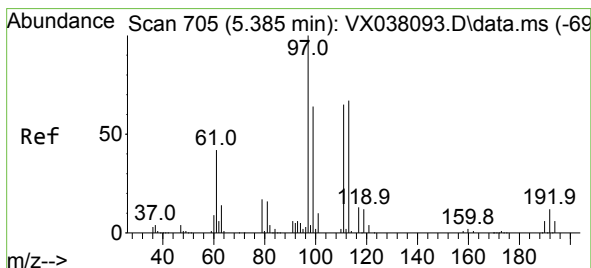
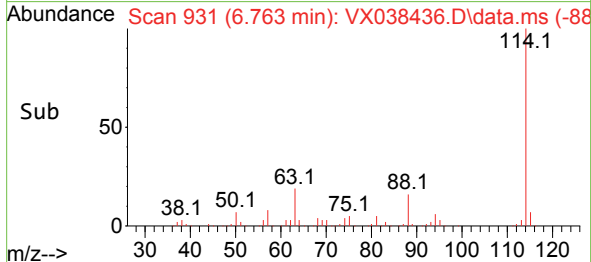
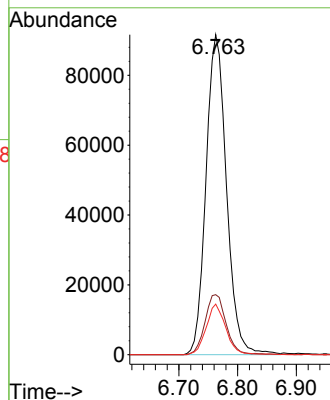
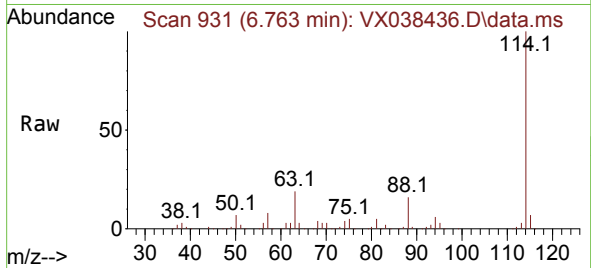




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038436.D
Acq: 23 Oct 2023 16:37

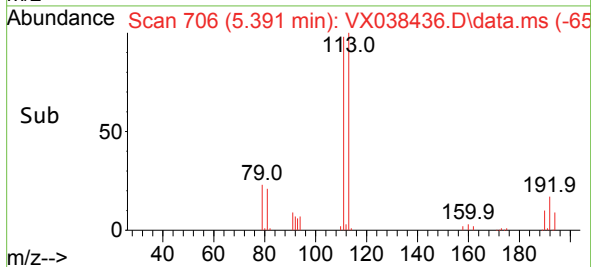
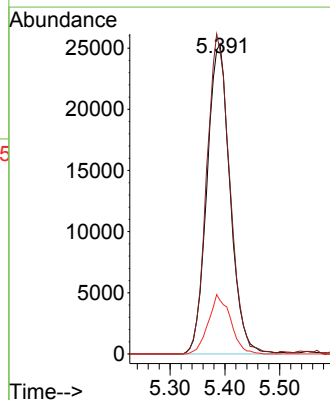
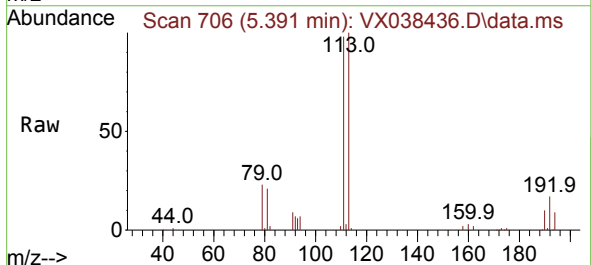
Instrument :
MSVOA_X
ClientSampleId :

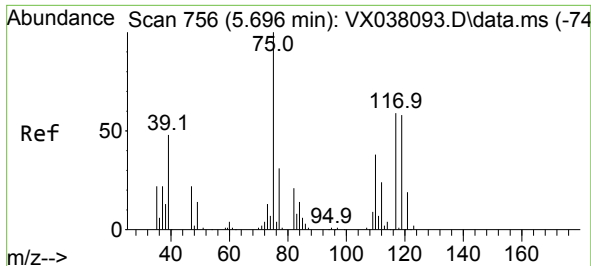
Tgt Ion:114 Resp: 222463
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.260 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038436.D
Acq: 23 Oct 2023 16:37

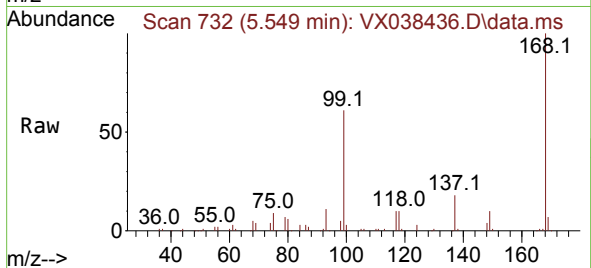
Tgt Ion:113 Resp: 74154
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 18.5 13.3 19.9



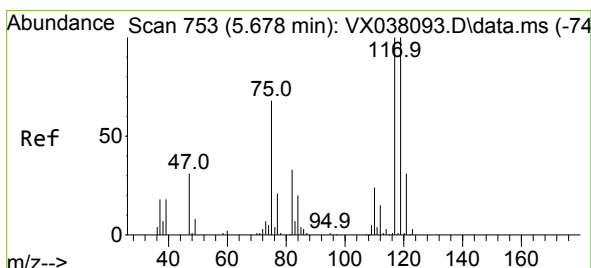
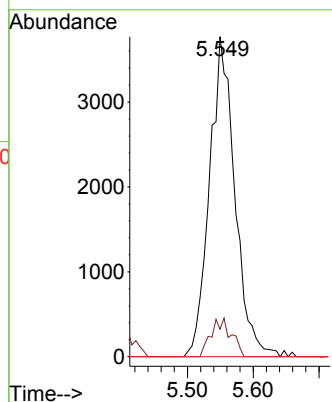
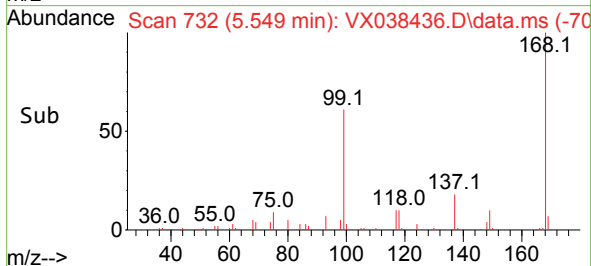


#36
 1,1-Dichloropropene
 Concen: 4.570 ug/l
 RT: 5.549 min Scan# 71
 Delta R.T. -0.141 min
 Lab File: VX038436.D
 Acq: 23 Oct 2023 16:37

Instrument :
 MSVOA_X
 ClientSampleId :

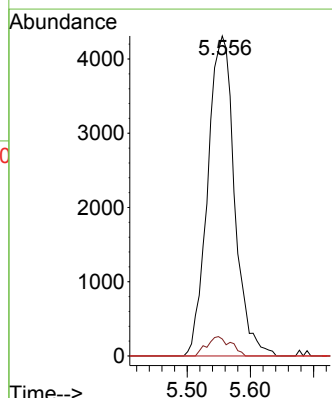
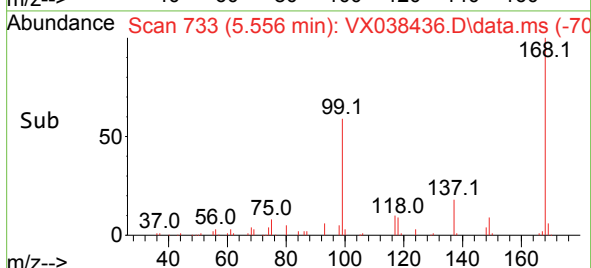
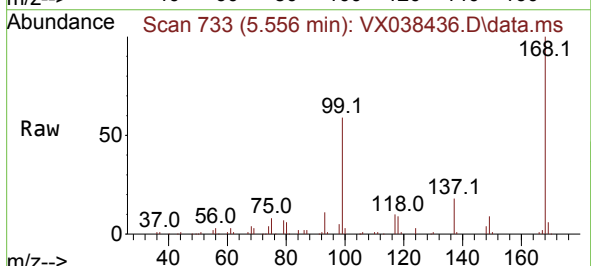


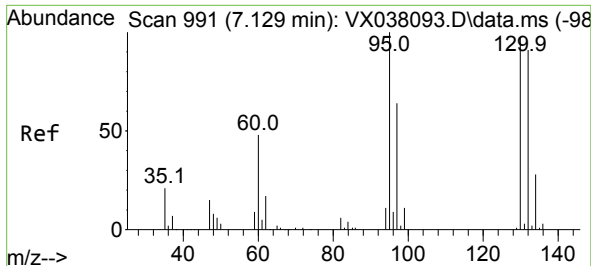
Tgt Ion: 75 Resp: 10102
 Ion Ratio Lower Upper
 75 100
 110 9.6 17.0 50.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.838 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.122 min
 Lab File: VX038436.D
 Acq: 23 Oct 2023 16:37

Tgt Ion: 117 Resp: 12696
 Ion Ratio Lower Upper
 117 100
 119 5.3 78.2 117.2#
 121 0.0 24.4 36.6#





#44

Trichloroethene

Concen: 0.529 ug/l

RT: 7.141 min Scan# 991

Delta R.T. 0.012 min

Lab File: VX038436.D

Acq: 23 Oct 2023 16:37

Instrument :

MSVOA_X

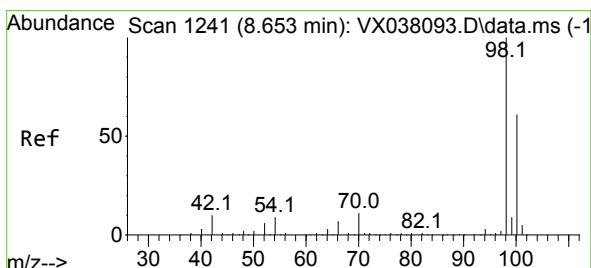
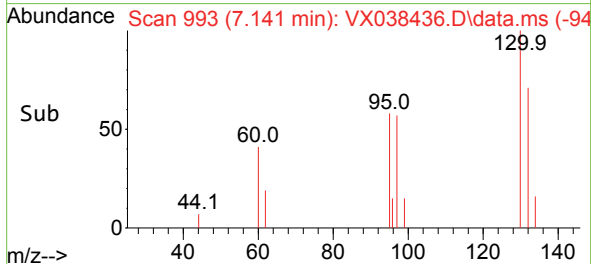
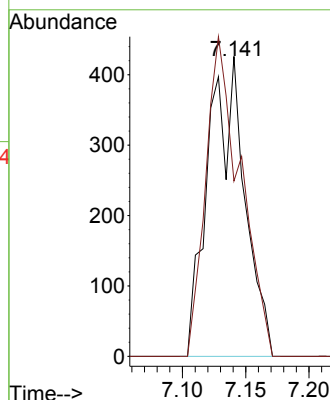
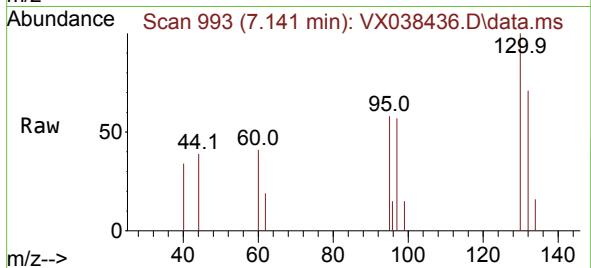
ClientSampleId :

Tgt Ion:130 Resp: 855

Ion Ratio Lower Upper

130 100

95 58.5 0.0 204.4



#50

Toluene-d8

Concen: 45.049 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.007 min

Lab File: VX038436.D

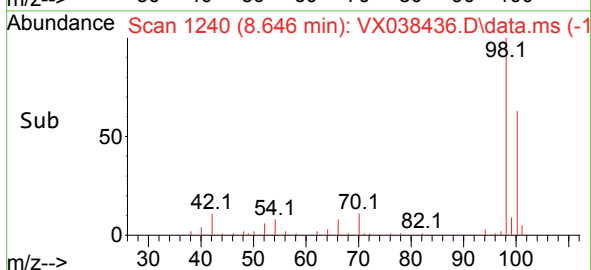
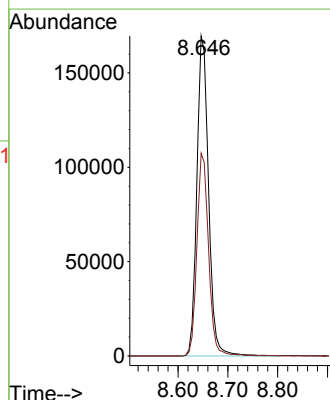
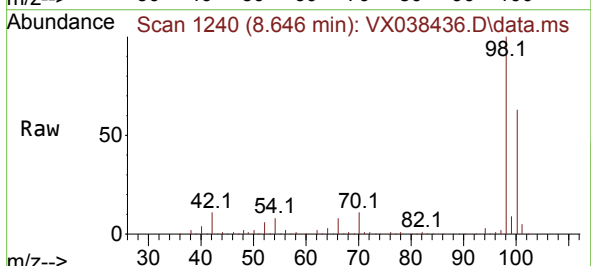
Acq: 23 Oct 2023 16:37

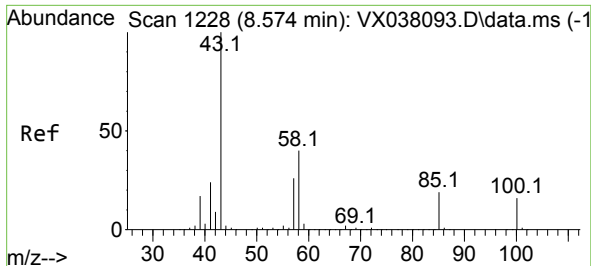
Tgt Ion: 98 Resp: 275946

Ion Ratio Lower Upper

98 100

100 63.2 53.1 79.7

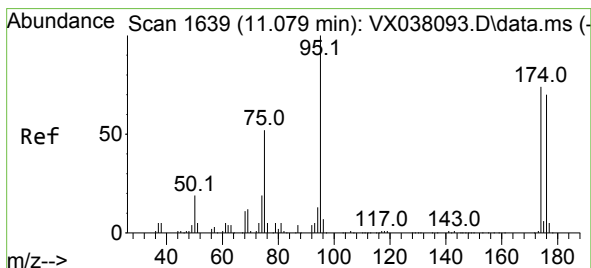
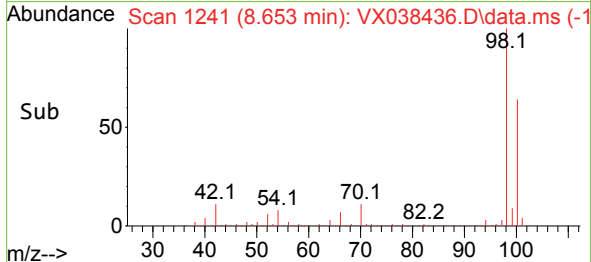
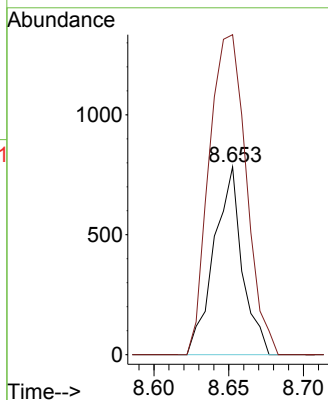
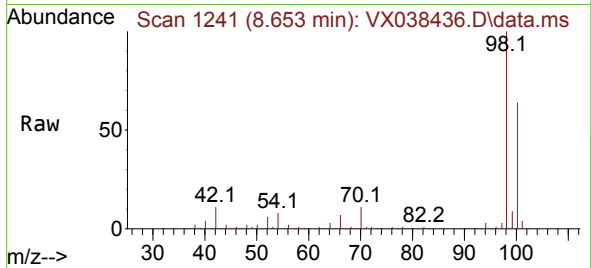




#51
4-Methyl-2-Pentanone
Concen: 0.380 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX038436.D
Acq: 23 Oct 2023 16:37

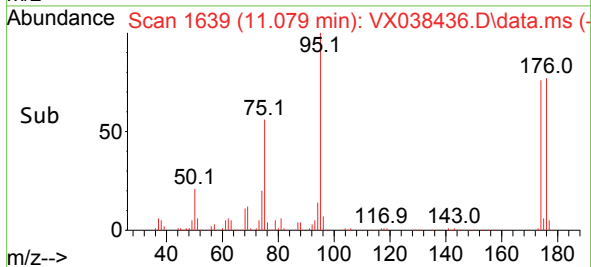
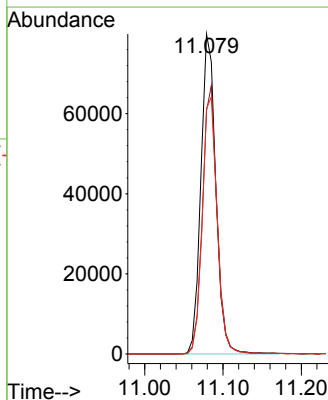
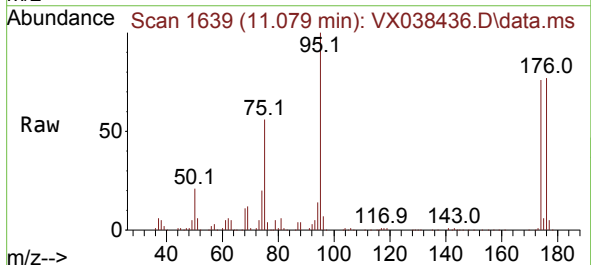
Instrument :
MSVOA_X
ClientSampleId :

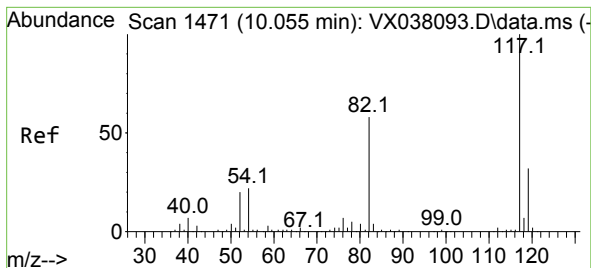
Tgt Ion: 43 Resp: 1028
Ion Ratio Lower Upper
43 100
58 223.6 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 45.490 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038436.D
Acq: 23 Oct 2023 16:37

Tgt Ion: 95 Resp: 105637
Ion Ratio Lower Upper
95 100
174 82.1 0.0 135.6
176 80.0 0.0 131.0

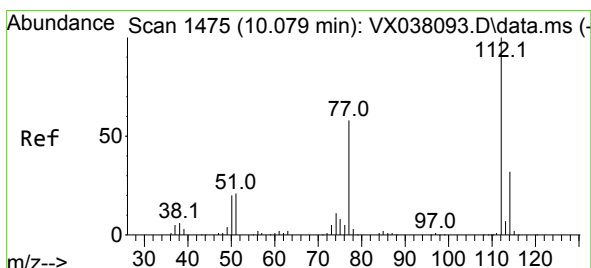
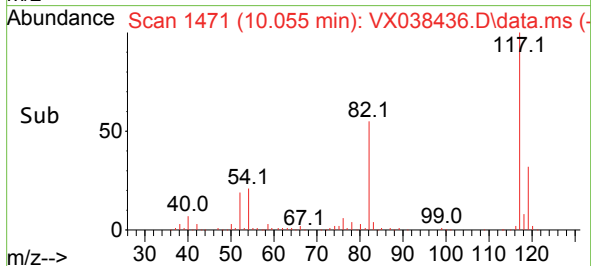
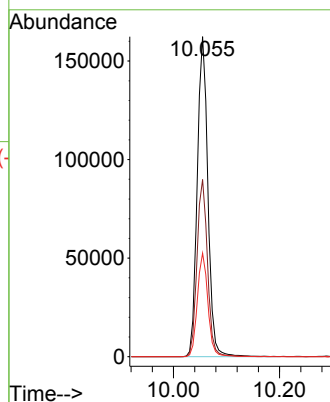
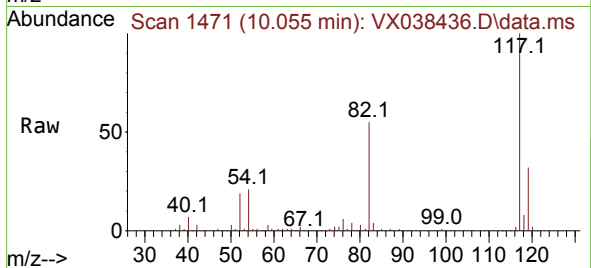




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038436.D
Acq: 23 Oct 2023 16:37

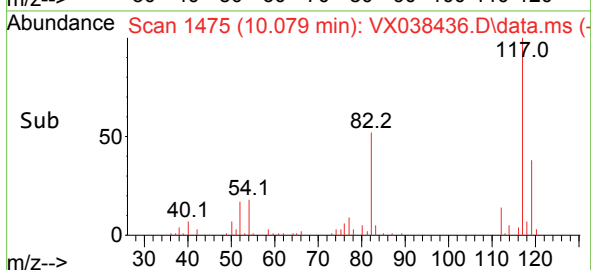
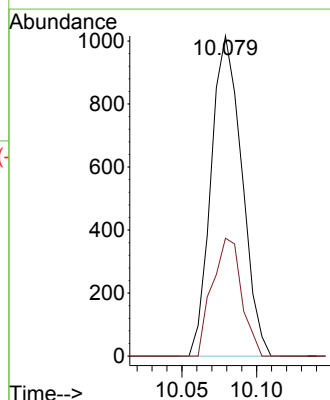
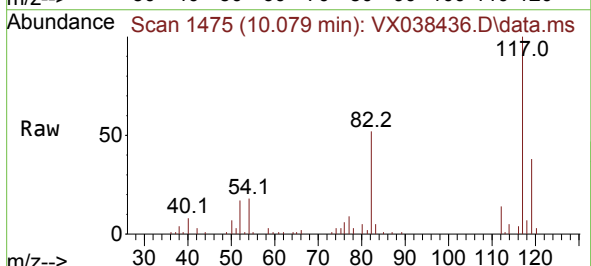
Instrument :
MSVOA_X
ClientSampleId :

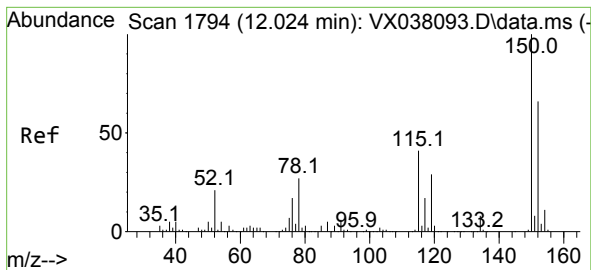
Tgt Ion:117 Resp: 226278
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 32.4 25.5 38.3



#65
Chlorobenzene
Concen: 0.307 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038436.D
Acq: 23 Oct 2023 16:37

Tgt Ion:112 Resp: 1454
Ion Ratio Lower Upper
112 100
114 36.8 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038436.D

Acq: 23 Oct 2023 16:37

Instrument :

MSVOA_X

ClientSampleId :

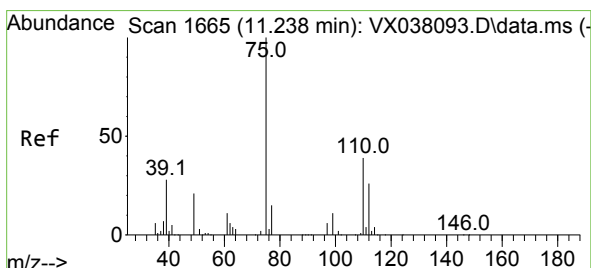
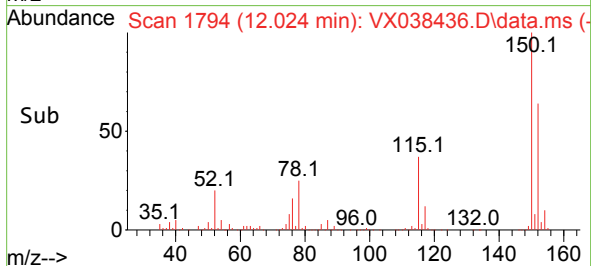
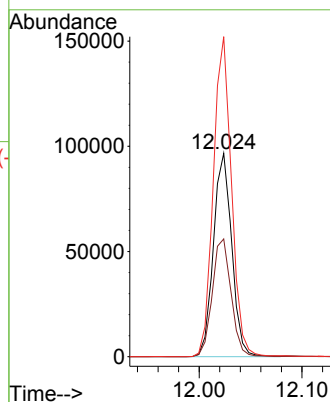
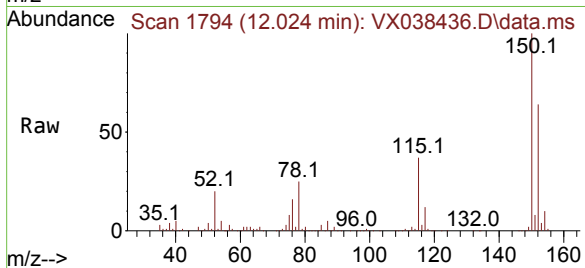
Tgt Ion:152 Resp: 119327

Ion Ratio Lower Upper

152 100

115 59.6 43.3 129.9

150 156.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.107 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038436.D

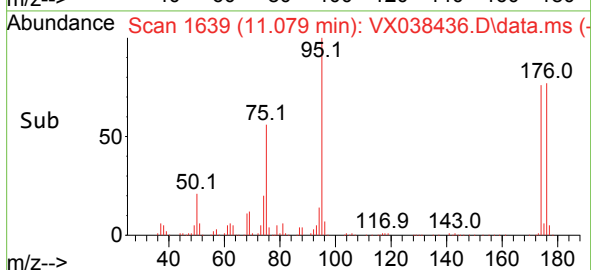
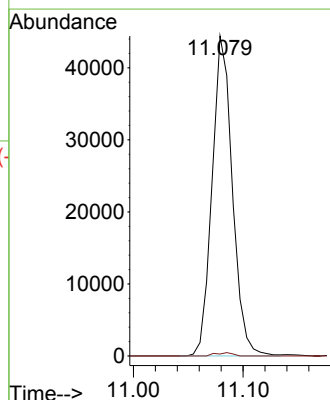
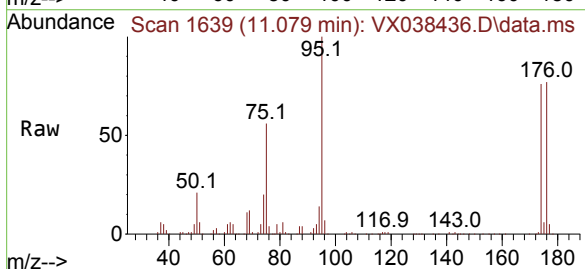
Acq: 23 Oct 2023 16:37

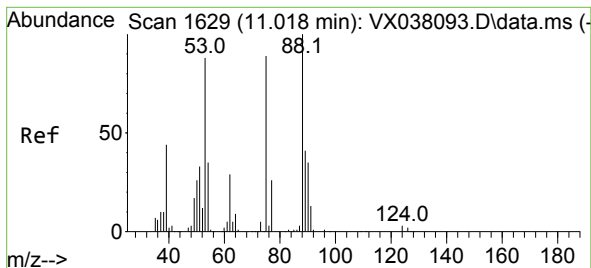
Tgt Ion: 75 Resp: 57257

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#

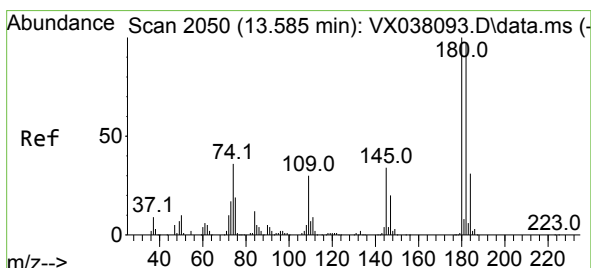
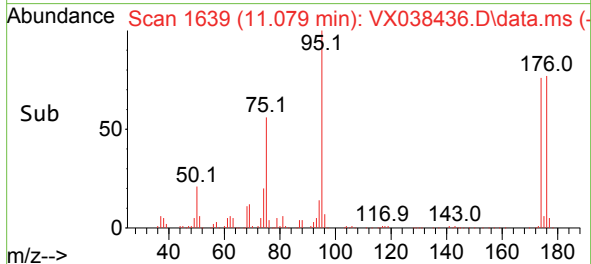
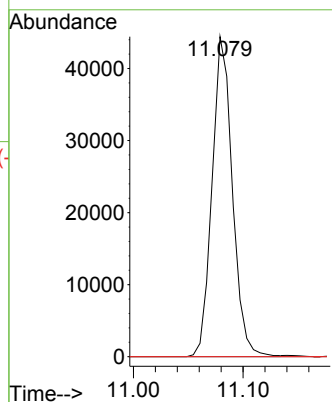
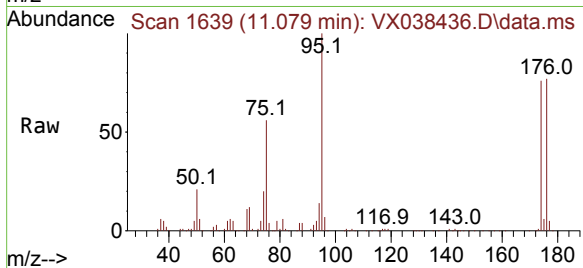




#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.692 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038436.D
 Acq: 23 Oct 2023 16:37

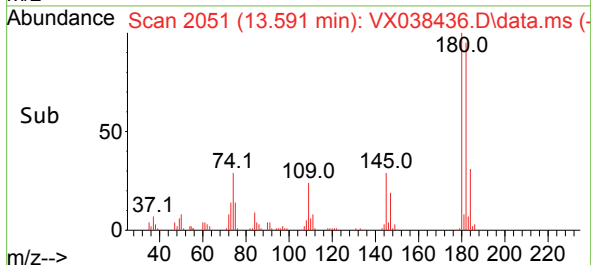
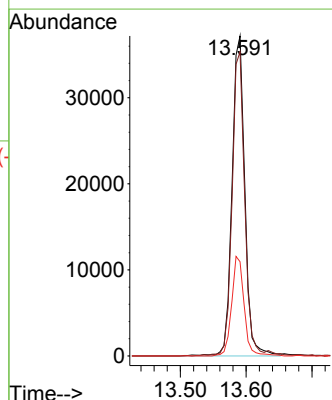
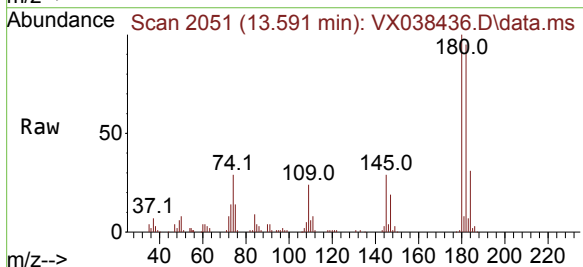
Instrument :
 MSVOA_X
 ClientSampleId :

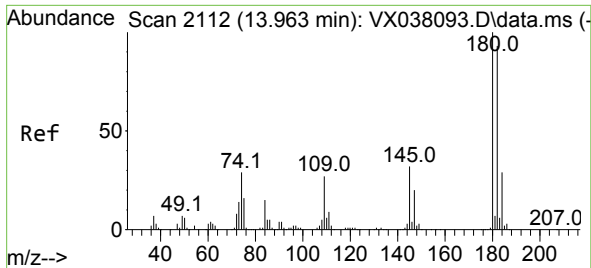
Tgt Ion: 75 Resp: 57257
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 19.875 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX038436.D
 Acq: 23 Oct 2023 16:37

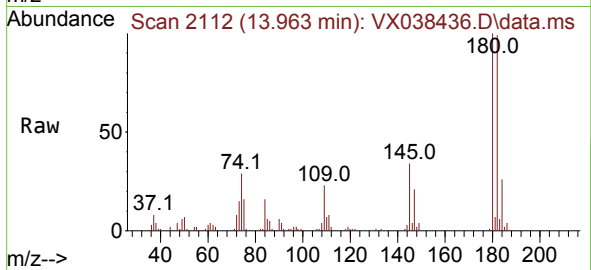
Tgt Ion:180 Resp: 50282
 Ion Ratio Lower Upper
 180 100
 182 94.6 48.3 144.8
 145 30.4 18.0 54.0





#96
 1,2,3-Trichlorobenzene
 Concen: 5.346 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX038436.D
 Acq: 23 Oct 2023 16:37

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	13097
Ion	Ratio	Lower	Upper
180	100		
182	95.9	46.9	140.6
145	32.7	17.8	53.5

