

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101823\
 Data File : VX038364.D
 Acq On : 18 Oct 2023 15:48
 Operator : JC/MD
 Sample : 04940-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 19 01:41:45 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)

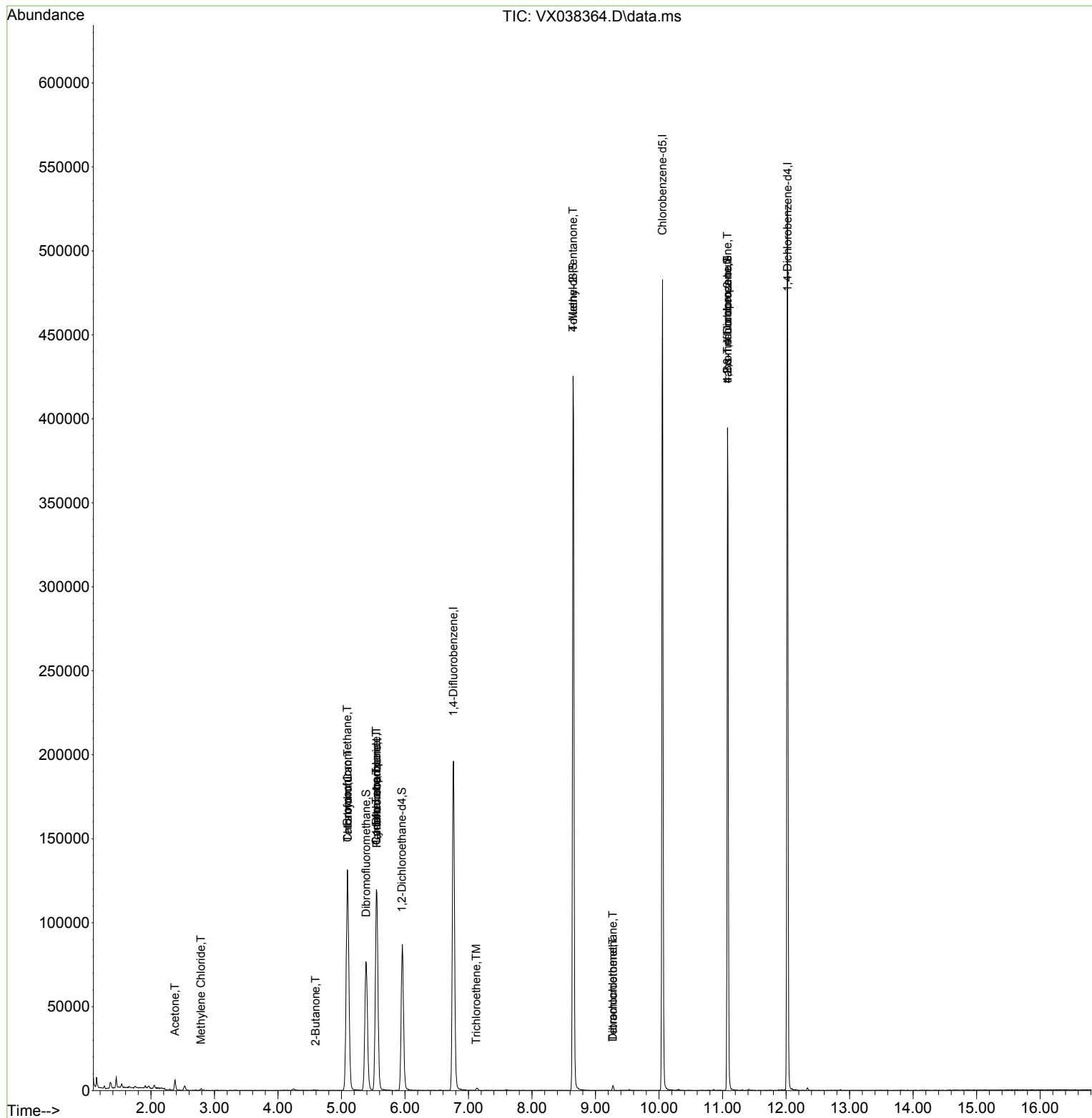
Internal Standards						
1) Pentafluorobenzene	5.556	168	112928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203536	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80699	44.429	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.860%
35) Dibromofluoromethane	5.385	113	65361	44.566	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.140%
50) Toluene-d8	8.647	98	255299	45.554	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.100%#
62) 4-Bromofluorobenzene	11.079	95	97102	45.703	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.400%
Target Compounds						
					Qvalue	
5) Bromomethane	1.849	94	22	Below Cal	#	3
6) Chloroethane	1.666	64	66	Below Cal	#	43
16) Acetone	2.380	43	6205	8.185	ug/l	90
20) Methylene Chloride	2.788	84	386	0.271	ug/l	89
25) 2-Butanone	4.593	43	250	0.204	ug/l #	51
28) Bromochloromethane	5.093	49	12538	11.816	ug/l #	16
29) Tetrahydrofuran	5.099	42	305	0.383	ug/l #	1
30) Chloroform	5.099	83	145919	56.769	ug/l	97
31) Cyclohexane	5.550	56	2807	1.426	ug/l #	20
36) 1,1-Dichloropropene	5.550	75	9236	4.567	ug/l #	51
38) Carbon Tetrachloride	5.550	117	11382	5.721	ug/l #	14
44) Trichloroethene	7.123	130	476	0.322	ug/l	81
51) 4-Methyl-2-Pentanone	8.647	43	1123	0.454	ug/l #	1
60) Dibromochloromethane	9.275	129	503	0.326	ug/l #	11
64) Tetrachloroethene	9.275	164	526	0.389	ug/l #	76
76) 1,2,3-Trichloropropane	11.079	75	54274	21.383	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	54274	61.434	ug/l #	5

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

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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

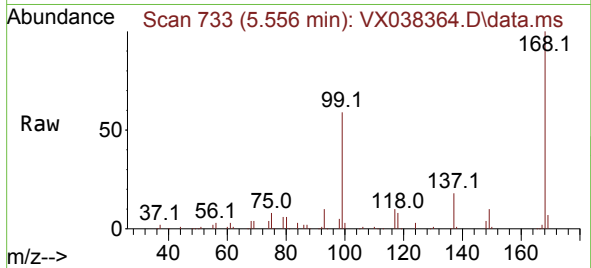
Lab File: VX038364.D

Acq: 18 Oct 2023 15:48

Instrument :

MSVOA_X

ClientSampleId :

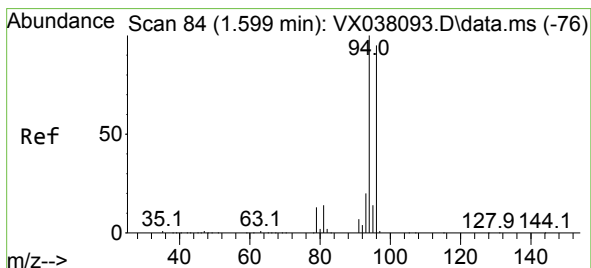
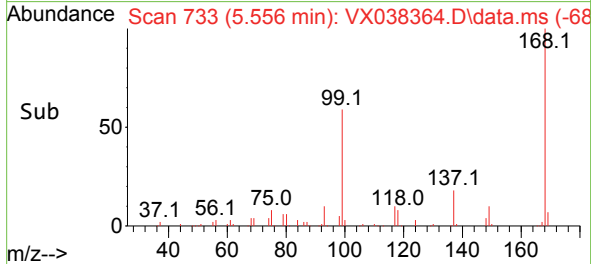
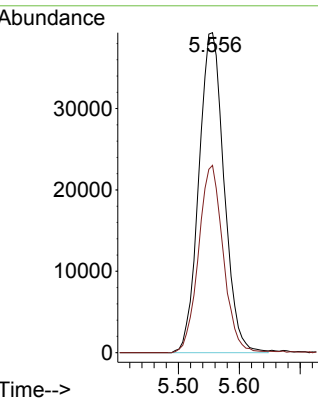


Tgt Ion:168 Resp: 112928

Ion Ratio Lower Upper

168 100

99 58.6 56.6 85.0



#5

Bromomethane

Concen: Below Cal

RT: 1.849 min Scan# 125

Delta R.T. 0.250 min

Lab File: VX038364.D

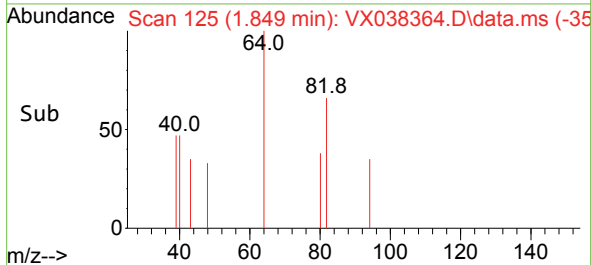
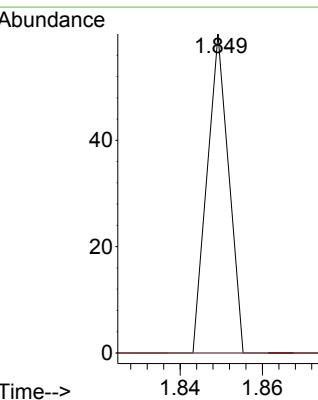
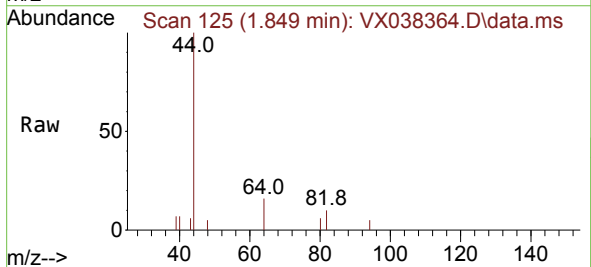
Acq: 18 Oct 2023 15:48

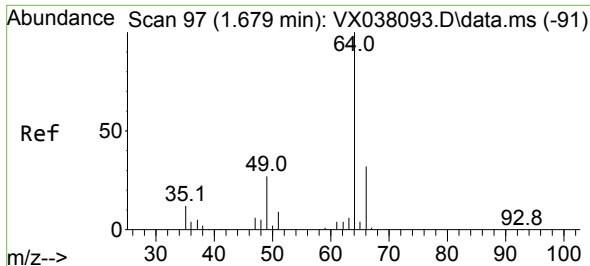
Tgt Ion: 94 Resp: 22

Ion Ratio Lower Upper

94 100

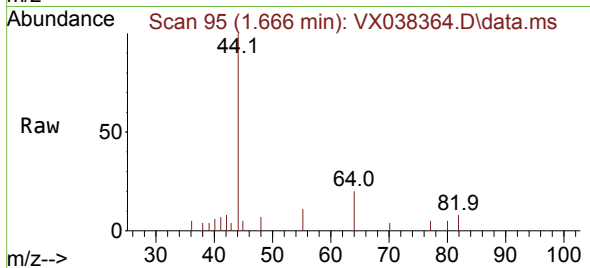
96 0.0 74.6 111.8#



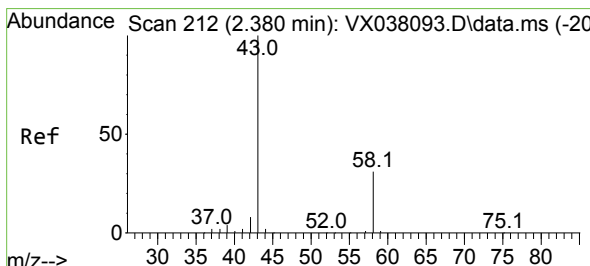
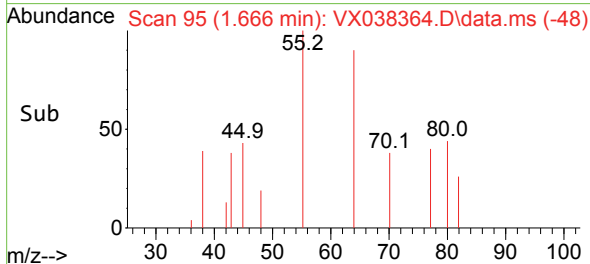
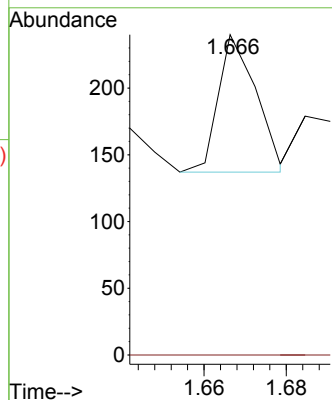


#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 91
Delta R.T. -0.013 min
Lab File: VX038364.D
Acq: 18 Oct 2023 15:48

Instrument :
MSVOA_X
ClientSampleId :

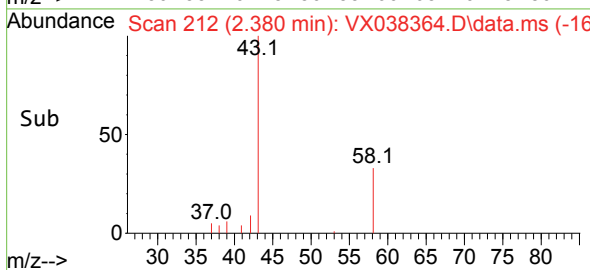
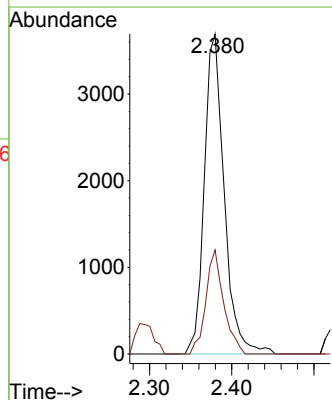
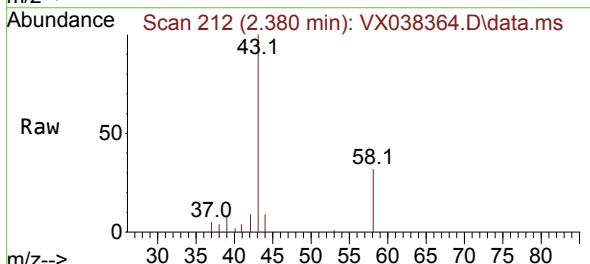


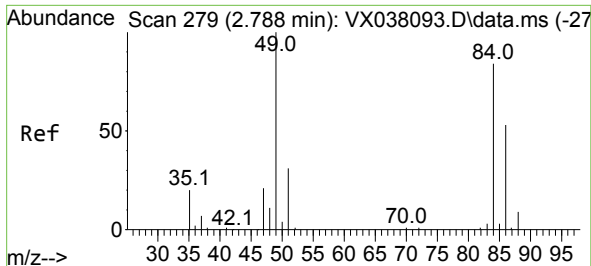
Tgt Ion: 64 Resp: 66
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 8.185 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038364.D
Acq: 18 Oct 2023 15:48

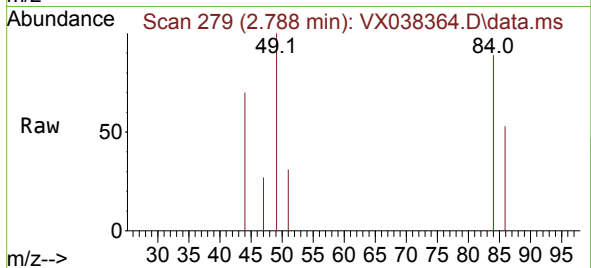
Tgt Ion: 43 Resp: 6205
Ion Ratio Lower Upper
43 100
58 32.5 21.9 32.9





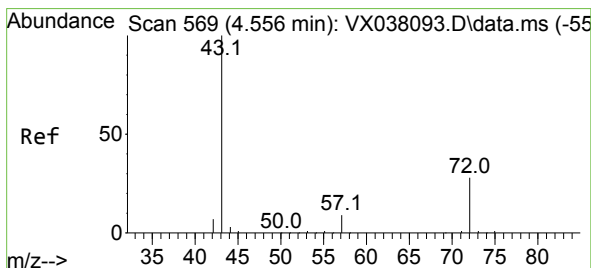
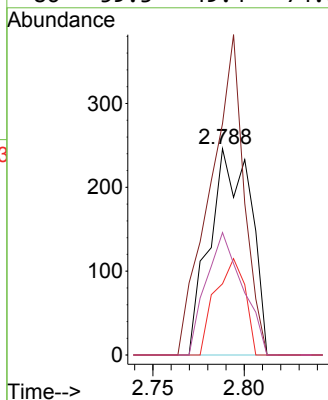
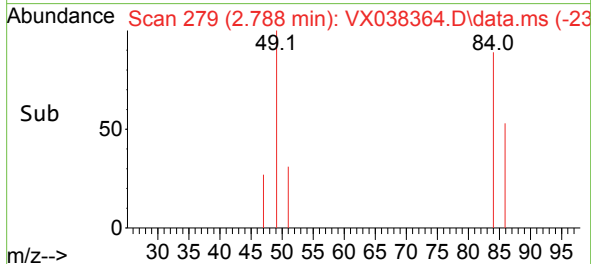
#20
Methylene Chloride
Concen: 0.271 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038364.D
Acq: 18 Oct 2023 15:48

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 386

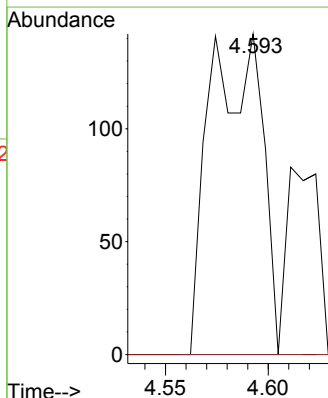
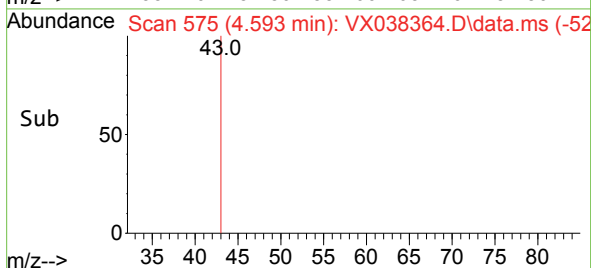
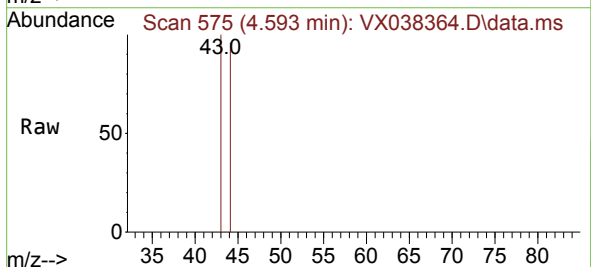
Ion	Ratio	Lower	Upper
84	100		
49	112.2	103.6	155.4
51	34.6	33.8	50.6
86	59.3	49.4	74.0

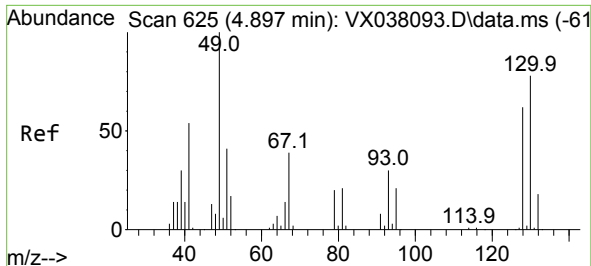


#25
2-Butanone
Concen: 0.204 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.037 min
Lab File: VX038364.D
Acq: 18 Oct 2023 15:48

Tgt Ion: 43 Resp: 250

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#

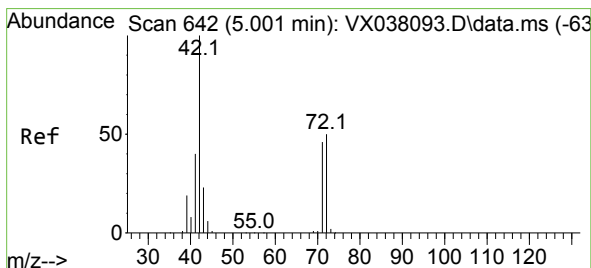
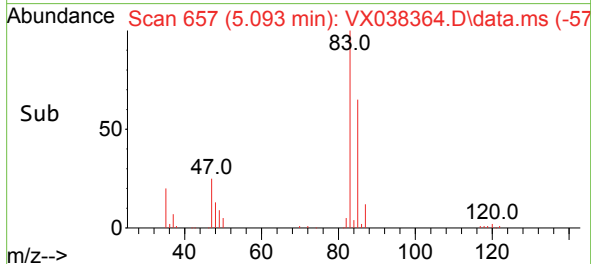
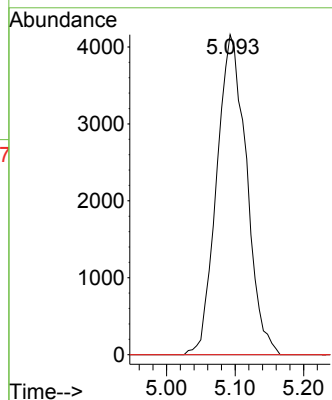
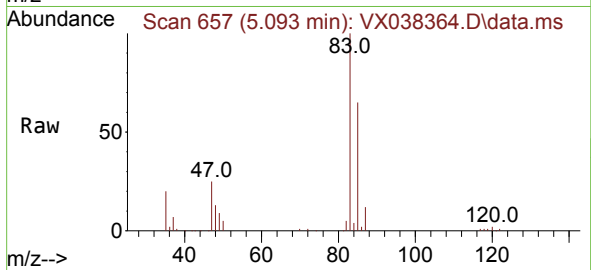




#28
Bromochloromethane
Concen: 11.816 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.196 min
Lab File: VX038364.D
Acq: 18 Oct 2023 15:48

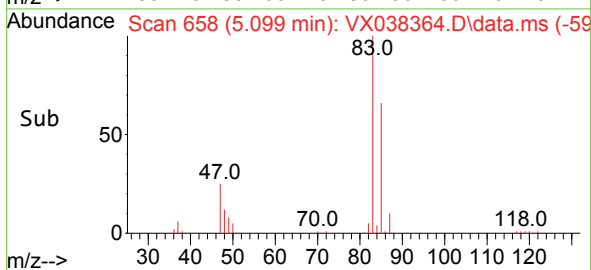
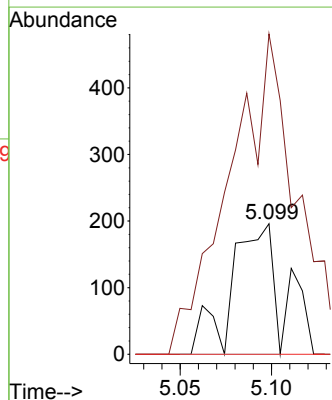
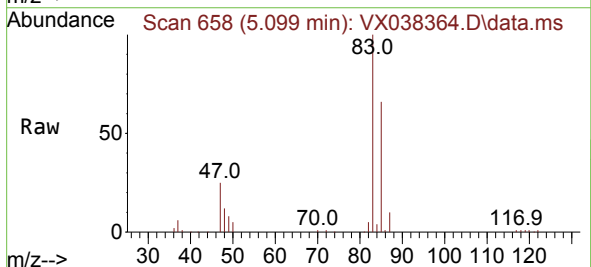
Instrument :
MSVOA_X
ClientSampleId :

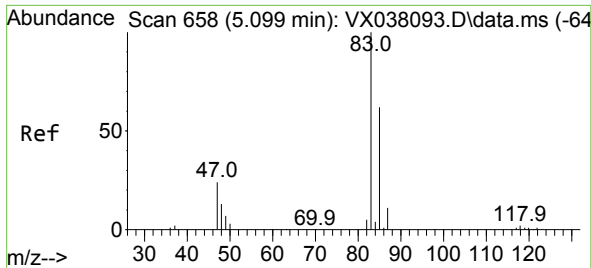
Tgt Ion: 49 Resp: 12538
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 57.5 86.3#



#29
Tetrahydrofuran
Concen: 0.383 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.098 min
Lab File: VX038364.D
Acq: 18 Oct 2023 15:48

Tgt Ion: 42 Resp: 305
Ion Ratio Lower Upper
42 100
72 393.4 34.2 51.4#
71 0.0 32.2 48.2#

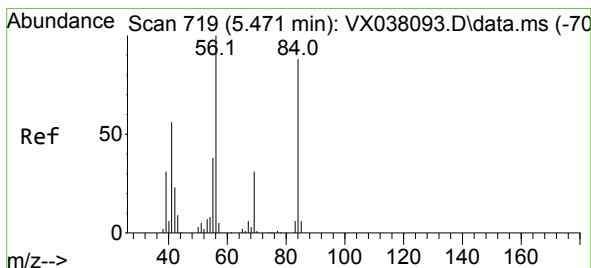
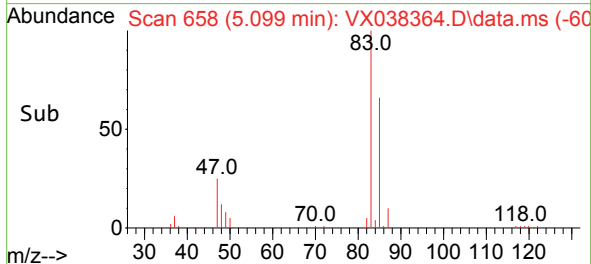
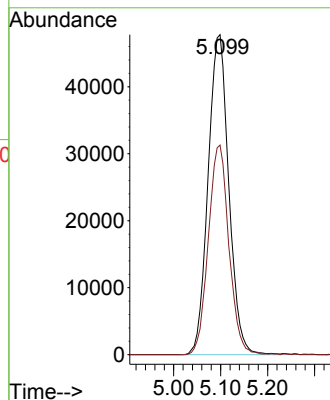
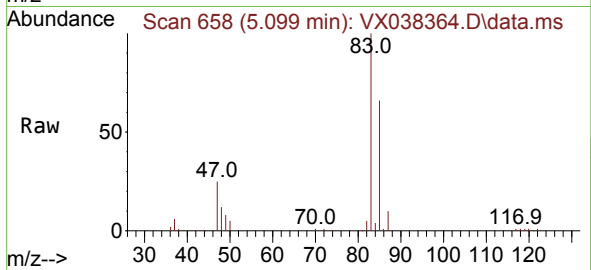




#30
Chloroform
Concen: 56.769 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX038364.D
Acq: 18 Oct 2023 15:48

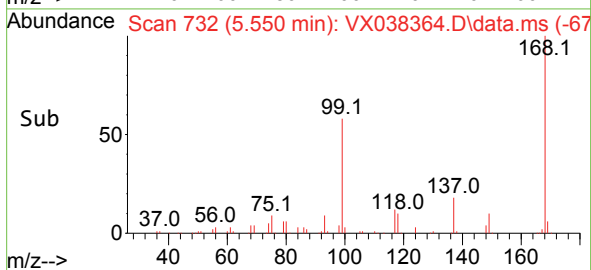
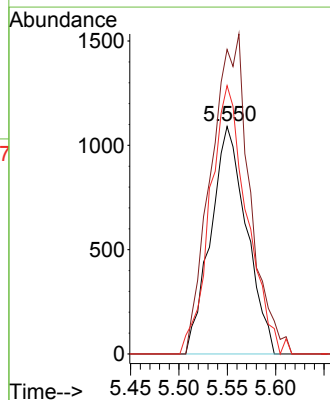
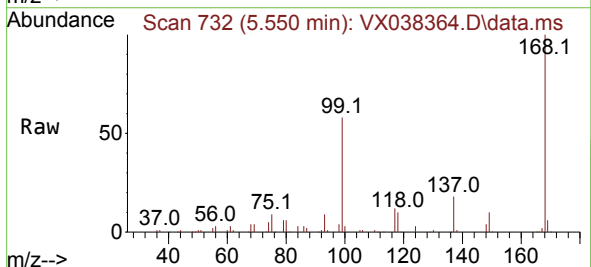
Instrument :
MSVOA_X
ClientSampleId :

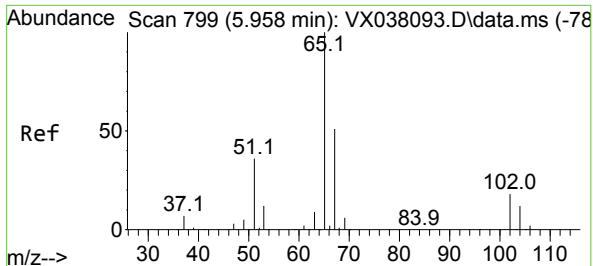
Tgt Ion: 83 Resp: 145919
Ion Ratio Lower Upper
83 100
85 65.5 50.3 75.5



#31
Cyclohexane
Concen: 1.426 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038364.D
Acq: 18 Oct 2023 15:48

Tgt Ion: 56 Resp: 2807
Ion Ratio Lower Upper
56 100
69 133.8 23.4 35.2#
84 117.9 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 44.429 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038364.D

Acq: 18 Oct 2023 15:48

Instrument :

MSVOA_X

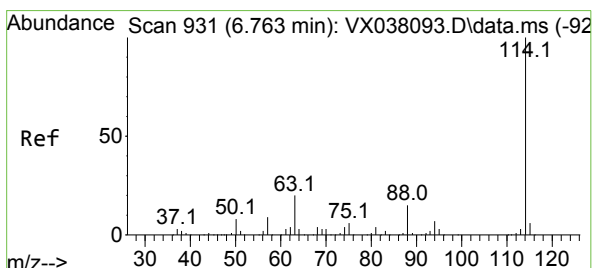
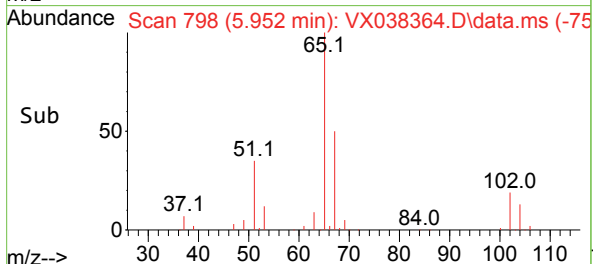
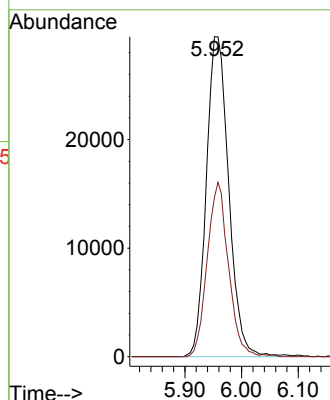
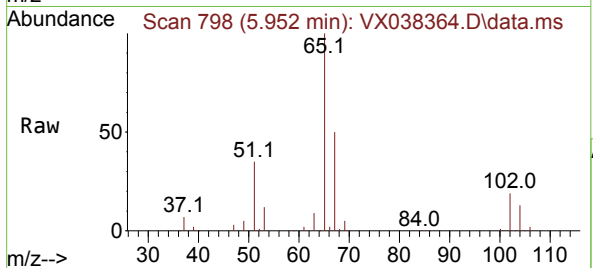
ClientSampleId :

Tgt Ion: 65 Resp: 80699

Ion Ratio Lower Upper

65 100

67 51.8 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: VX038364.D

Acq: 18 Oct 2023 15:48

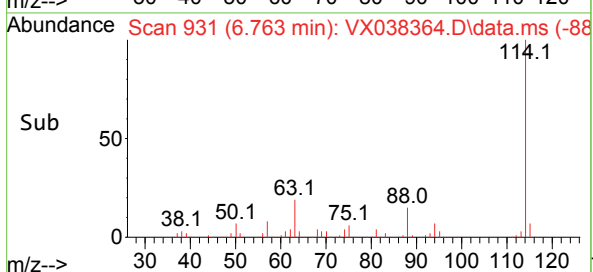
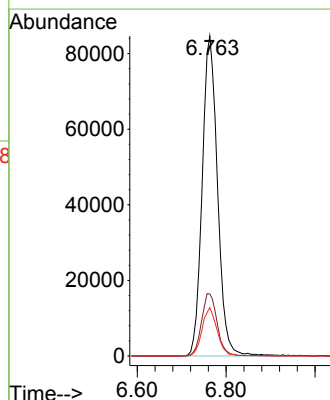
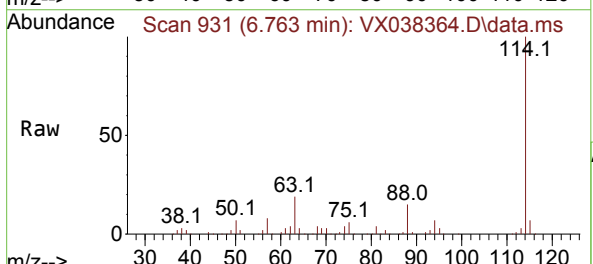
Tgt Ion:114 Resp: 203536

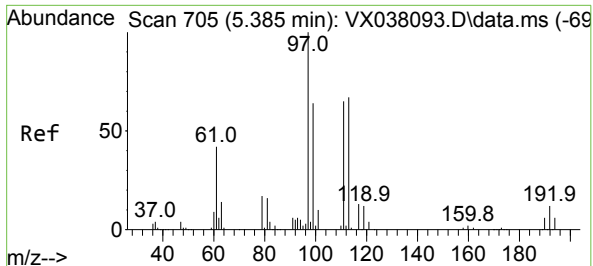
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

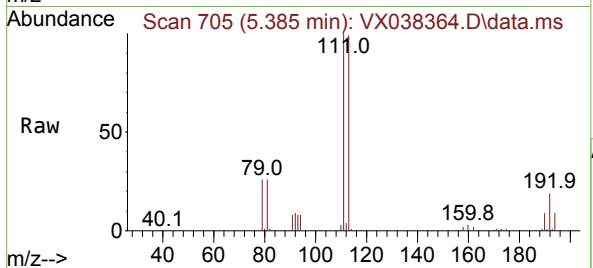
88 15.1 0.0 36.6



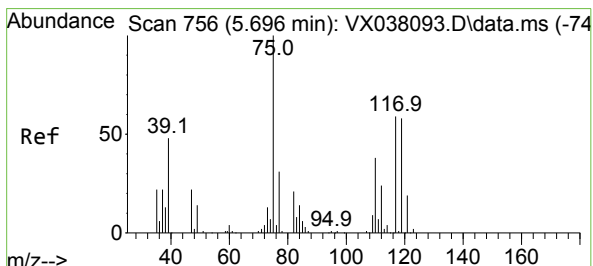
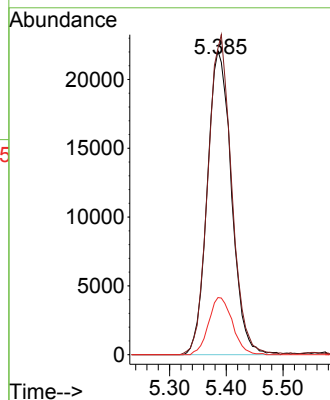
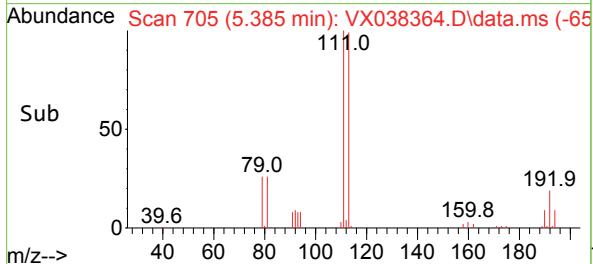


#35
Dibromofluoromethane
Concen: 44.566 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038364.D
Acq: 18 Oct 2023 15:48

Instrument :
MSVOA_X
ClientSampleId :

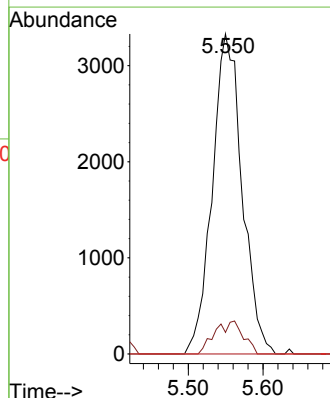
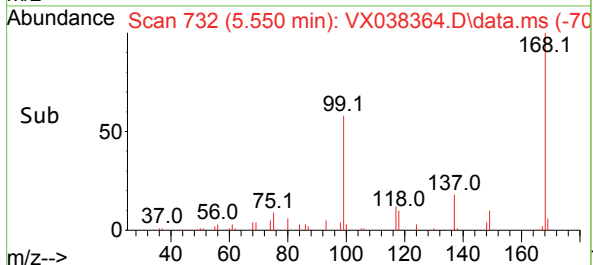
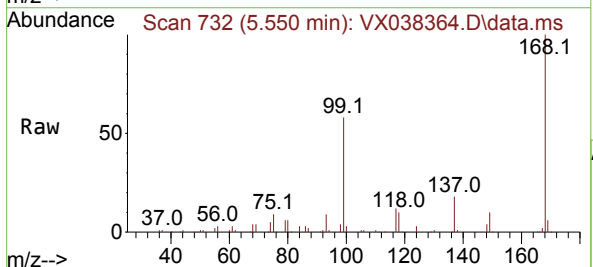


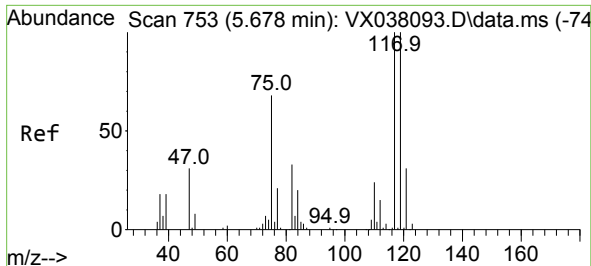
Tgt Ion:113 Resp: 65361
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 18.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.567 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038364.D
Acq: 18 Oct 2023 15:48

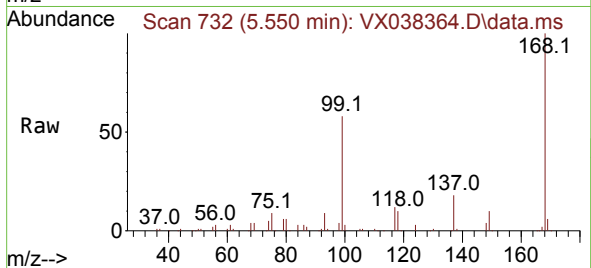
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Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#



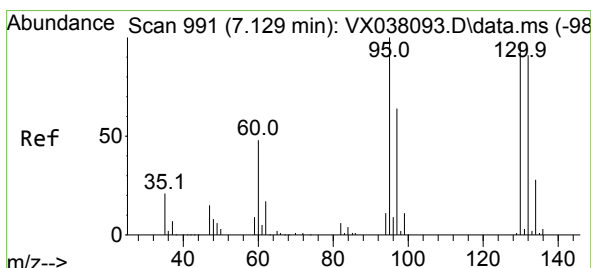
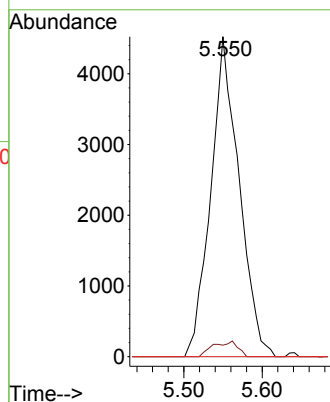
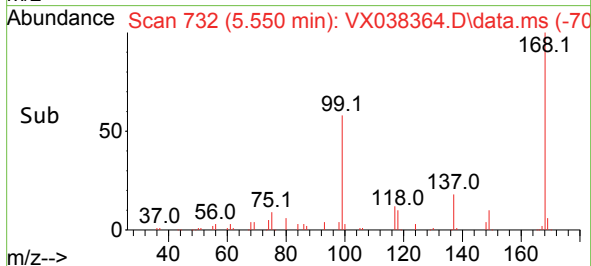


#38
Carbon Tetrachloride
Concen: 5.721 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038364.D
Acq: 18 Oct 2023 15:48

Instrument :
MSVOA_X
ClientSampleId :

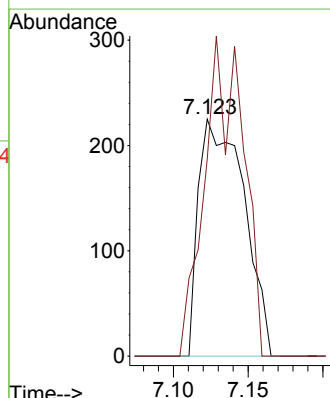
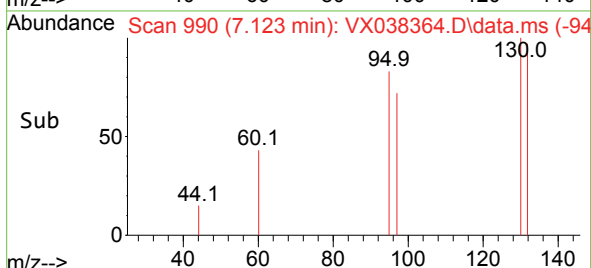
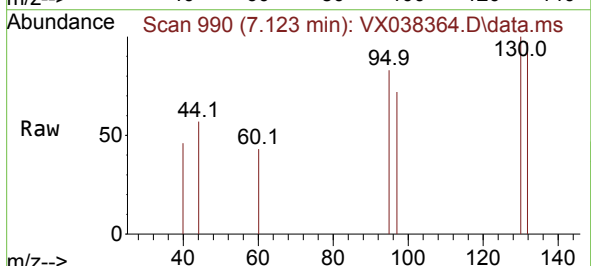


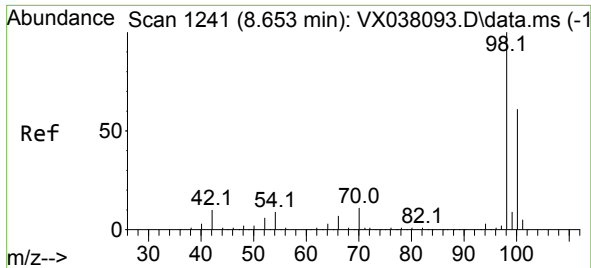
Tgt Ion:117 Resp: 11382
Ion Ratio Lower Upper
117 100
119 3.6 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.322 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038364.D
Acq: 18 Oct 2023 15:48

Tgt Ion:130 Resp: 476
Ion Ratio Lower Upper
130 100
95 83.1 0.0 204.4

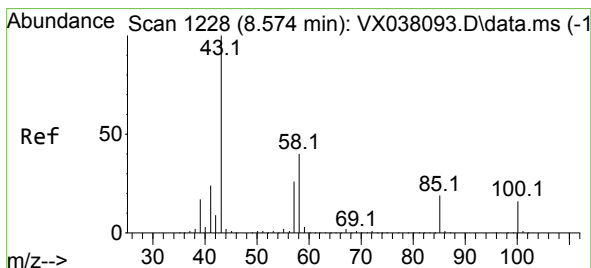
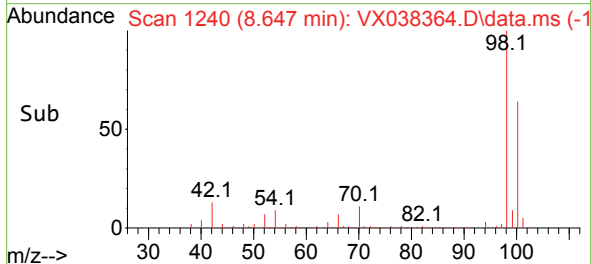
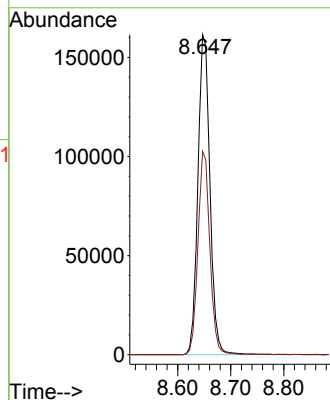
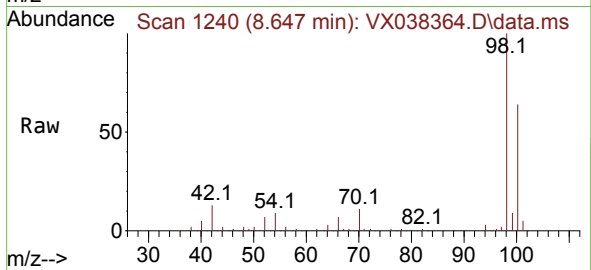




#50
Toluene-d8
Concen: 45.554 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038364.D
Acq: 18 Oct 2023 15:48

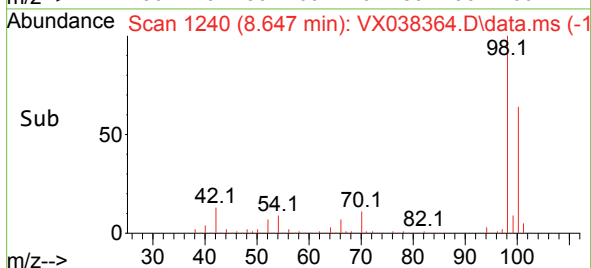
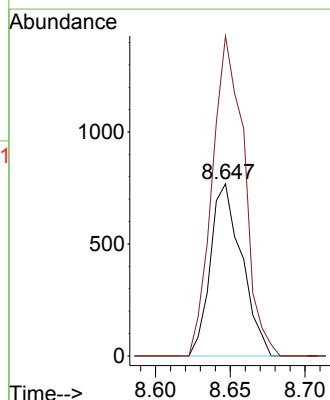
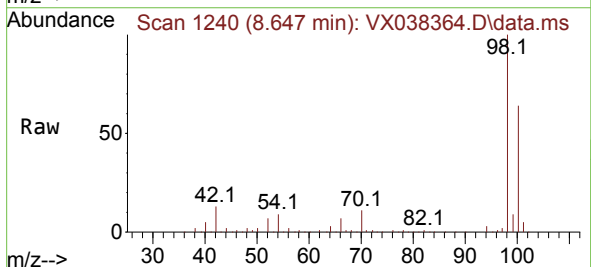
Instrument :
MSVOA_X
ClientSampleId :

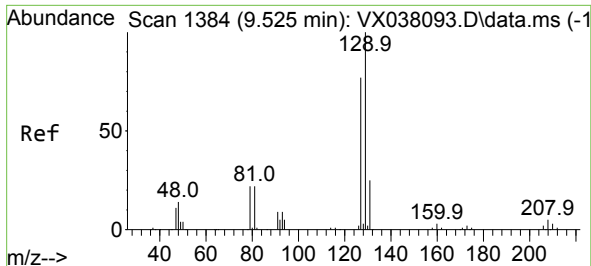
Tgt Ion: 98 Resp: 255299
Ion Ratio Lower Upper
98 100
100 62.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.454 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038364.D
Acq: 18 Oct 2023 15:48

Tgt Ion: 43 Resp: 1123
Ion Ratio Lower Upper
43 100
58 188.8 30.4 45.6#

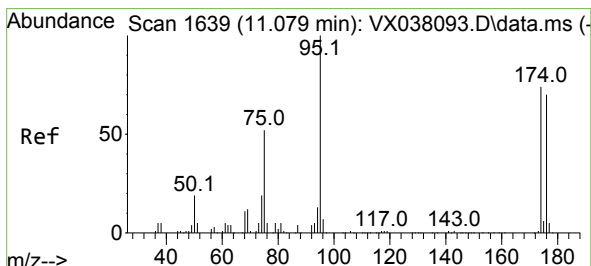
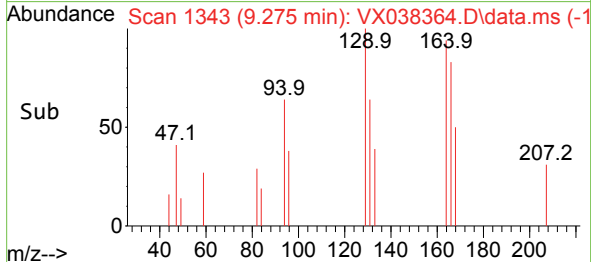
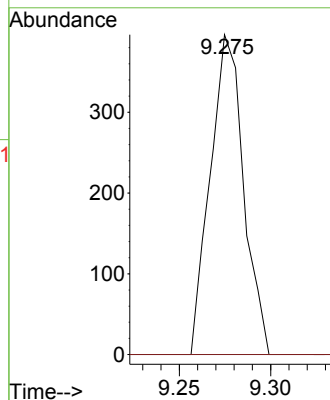
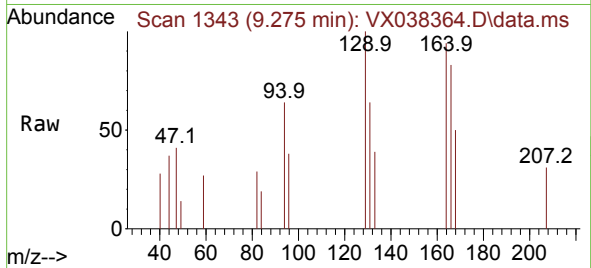




#60
Dibromochloromethane
Concen: 0.326 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX038364.D
Acq: 18 Oct 2023 15:48

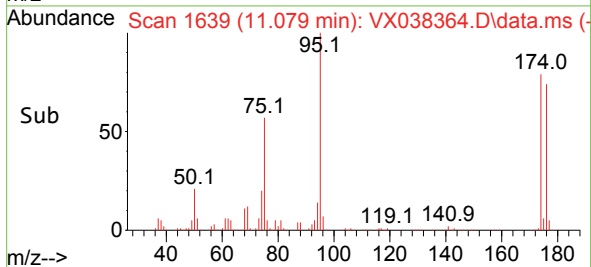
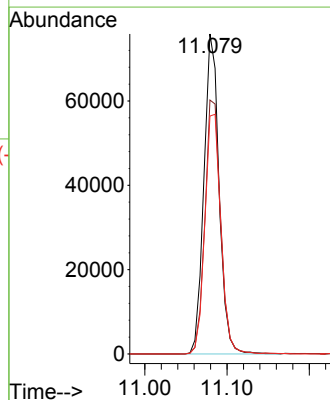
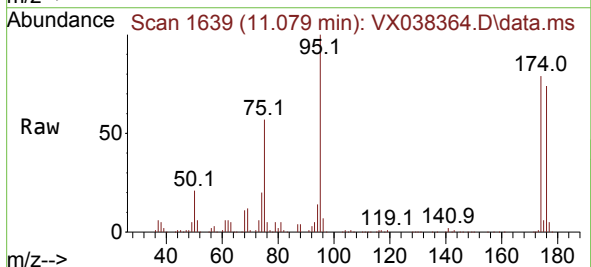
Instrument :
MSVOA_X
ClientSampleId :

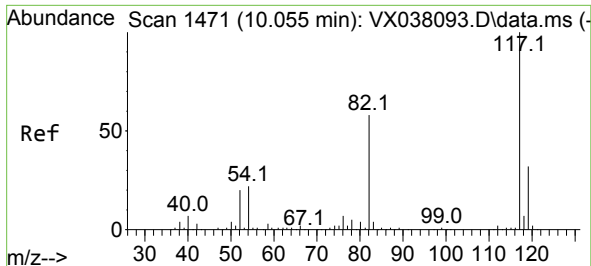
Tgt Ion:129 Resp: 503
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 45.703 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038364.D
Acq: 18 Oct 2023 15:48

Tgt Ion: 95 Resp: 97102
Ion Ratio Lower Upper
95 100
174 82.7 0.0 135.6
176 79.3 0.0 131.0

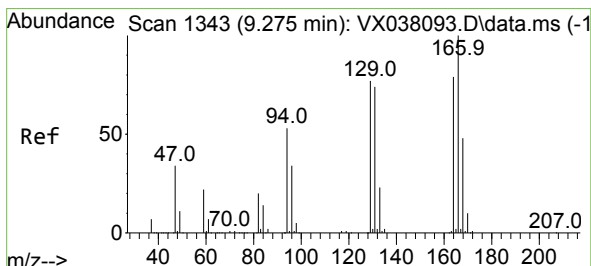
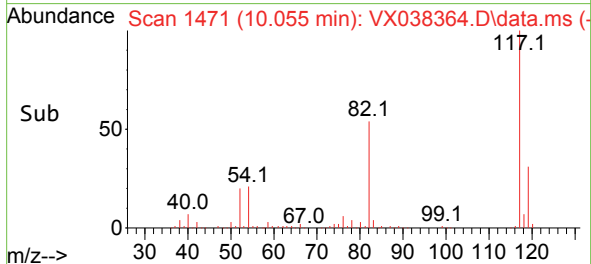
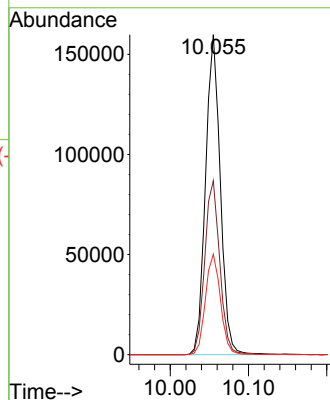
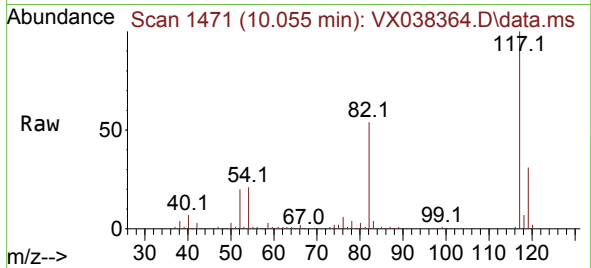




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038364.D
Acq: 18 Oct 2023 15:48

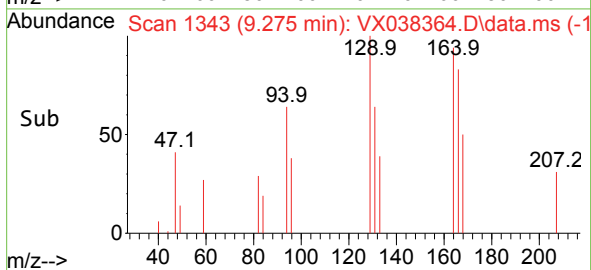
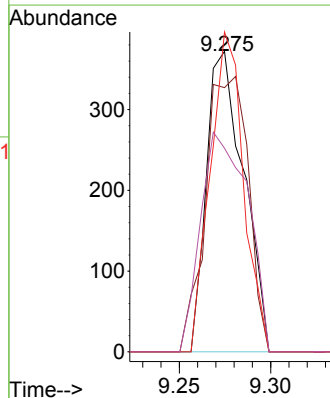
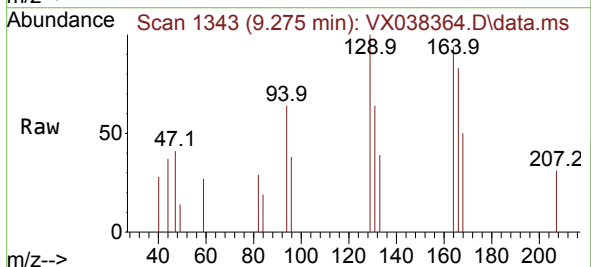
Instrument :
MSVOA_X
ClientSampleId :

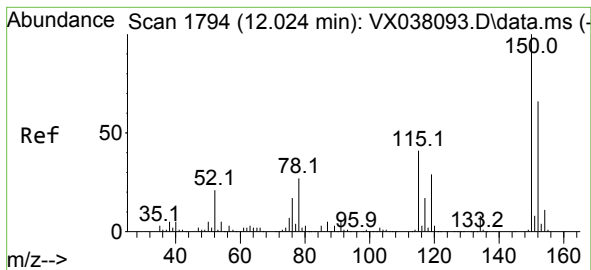
Tgt Ion:117 Resp: 208742
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 31.4 25.5 38.3



#64
Tetrachloroethene
Concen: 0.389 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038364.D
Acq: 18 Oct 2023 15:48

Tgt Ion:164 Resp: 526
Ion Ratio Lower Upper
164 100
166 87.9 102.7 154.1#
129 106.5 80.4 120.6
131 67.7 76.5 114.7#

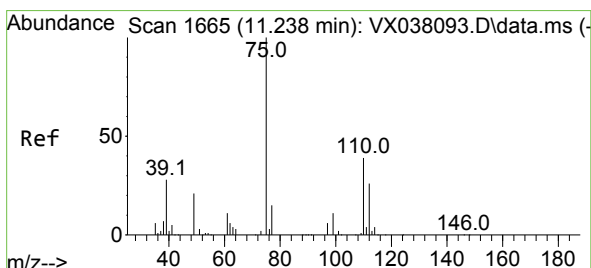
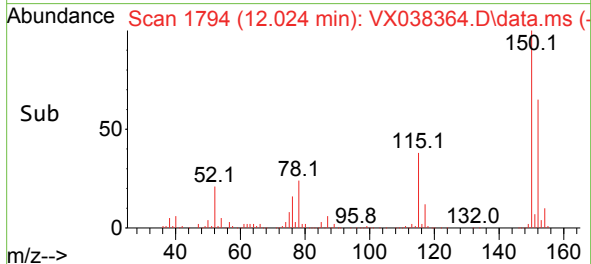
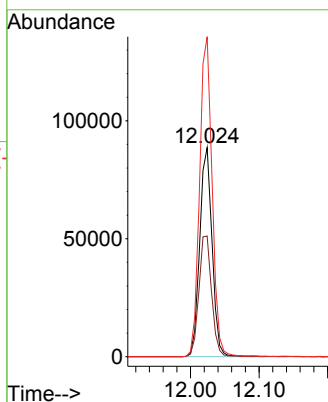
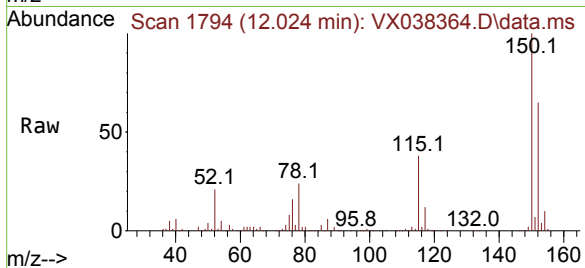




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038364.D
 Acq: 18 Oct 2023 15:48

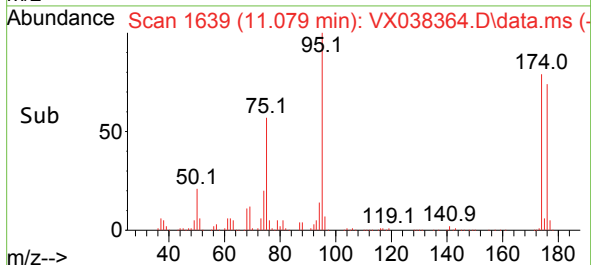
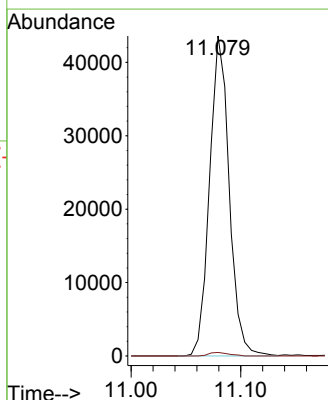
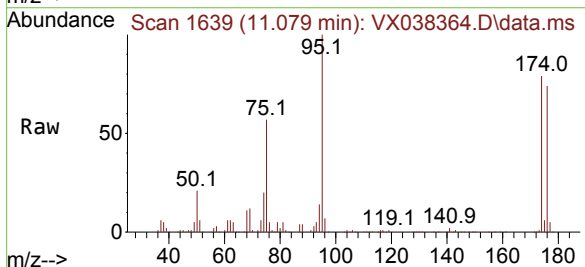
Instrument :
 MSVOA_X
 ClientSampleId :

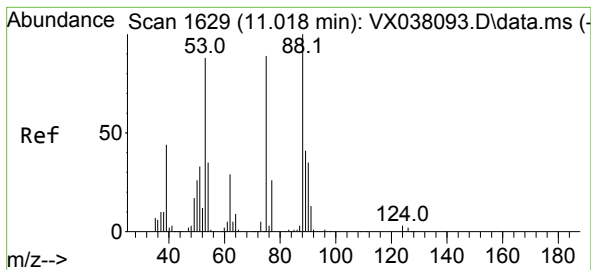
Tgt Ion:152 Resp: 111648
 Ion Ratio Lower Upper
 152 100
 115 59.5 43.3 129.9
 150 154.4 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 21.383 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038364.D
 Acq: 18 Oct 2023 15:48

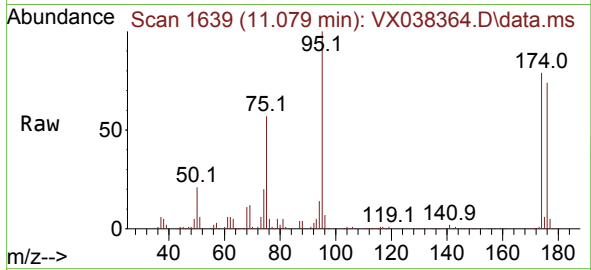
Tgt Ion: 75 Resp: 54274
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.434 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038364.D
 Acq: 18 Oct 2023 15:48

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 54274
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

