

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101823\
 Data File : VX038362.D
 Acq On : 18 Oct 2023 15:02
 Operator : JC/MD
 Sample : 04940-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 19 01:41:01 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)

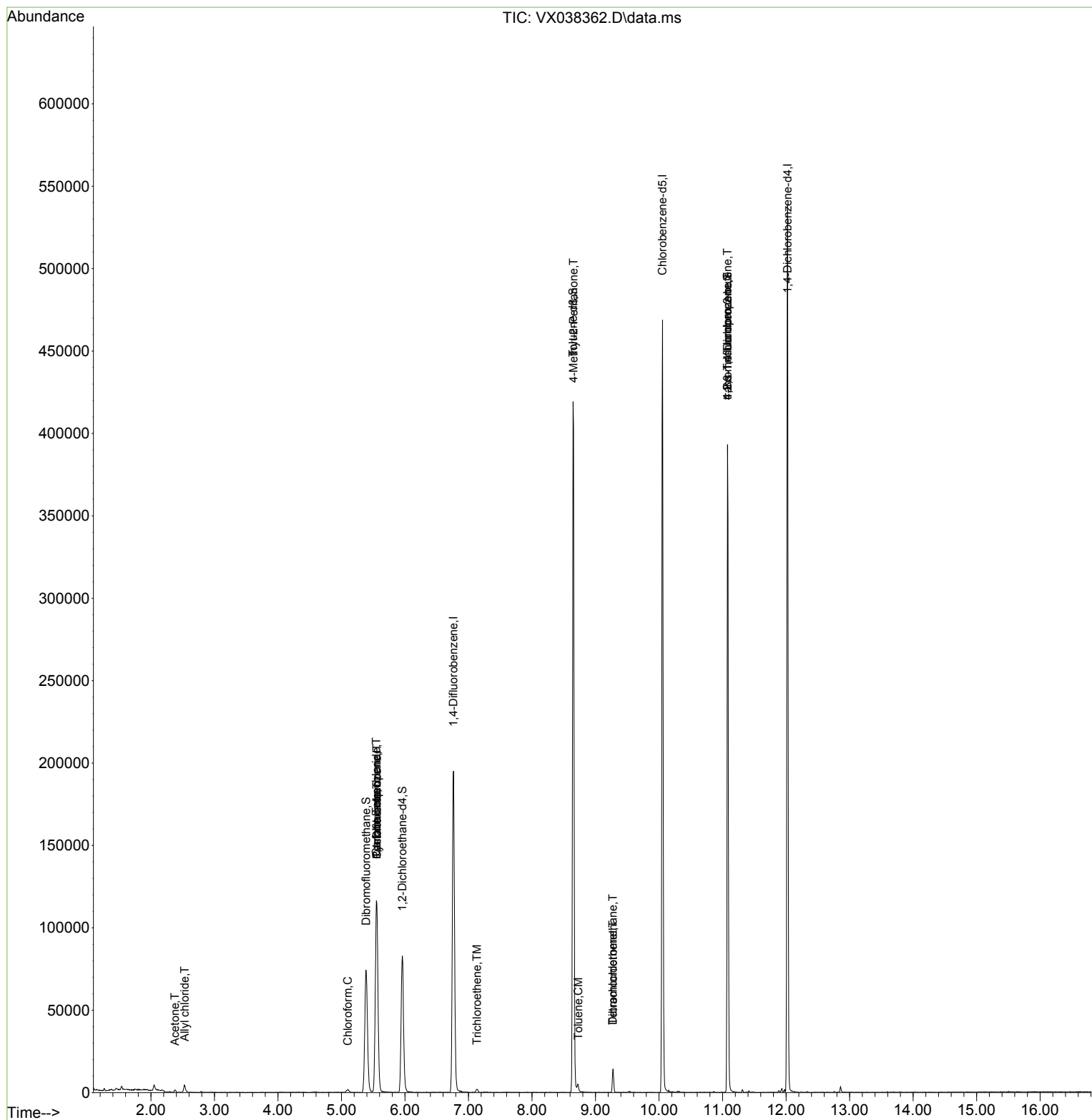
Internal Standards						
1) Pentafluorobenzene	5.556	168	111868	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	199612	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80342	44.651	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.300%
35) Dibromofluoromethane	5.385	113	63947	44.459	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.920%
50) Toluene-d8	8.646	98	254749	46.350	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.700%
62) 4-Bromofluorobenzene	11.079	95	99296	47.654	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.300%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	48	Below Cal	#	3
6) Chloroethane	1.703	64	201	Below Cal	#	43
11) Tert butyl alcohol	2.934	59	22	Below Cal	#	78
14) Allyl chloride	2.532	41	529	0.289	ug/l #	28
16) Acetone	2.379	43	1439	1.916	ug/l	90
30) Chloroform	5.098	83	2009	0.789	ug/l	88
31) Cyclohexane	5.556	56	2559	1.313	ug/l #	20
36) 1,1-Dichloropropene	5.556	75	9203	4.640	ug/l #	49
38) Carbon Tetrachloride	5.549	117	11534	5.911	ug/l #	15
44) Trichloroethene	7.135	130	936	0.645	ug/l	69
51) 4-Methyl-2-Pentanone	8.653	43	1175	0.484	ug/l #	1
52) Toluene	8.726	92	1824	0.505	ug/l	99
60) Dibromochloromethane	9.274	129	2427	1.604	ug/l #	11
64) Tetrachloroethene	9.274	164	2290	1.691	ug/l #	86
76) 1,2,3-Trichloropropane	11.079	75	53871	21.395	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	53871	61.465	ug/l #	5

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

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MSVOA_X
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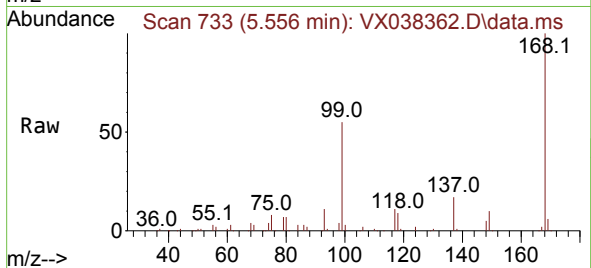
Quant Time: Oct 19 01:41:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
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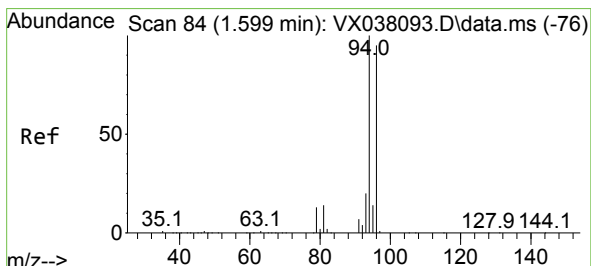
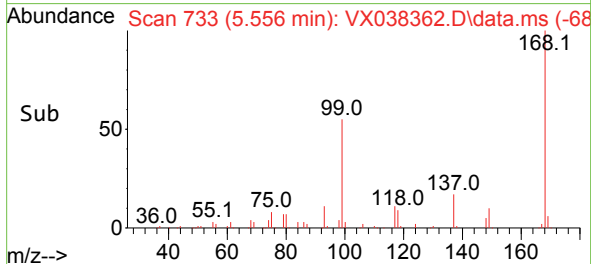
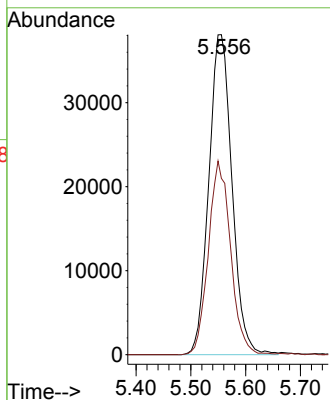


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038362.D
Acq: 18 Oct 2023 15:02

Instrument :
MSVOA_X
ClientSampleId :

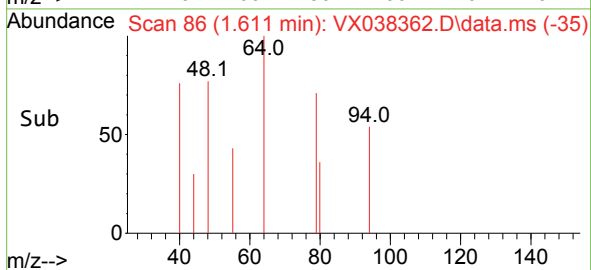
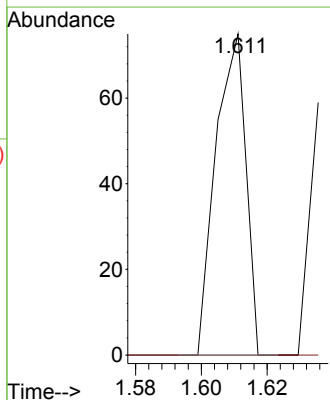
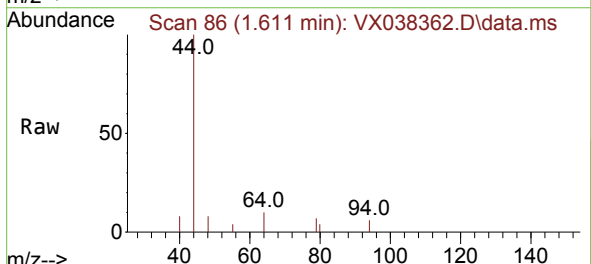


Tgt Ion:168 Resp: 111868
Ion Ratio Lower Upper
168 100
99 55.1 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX038362.D
Acq: 18 Oct 2023 15:02

Tgt Ion: 94 Resp: 48
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

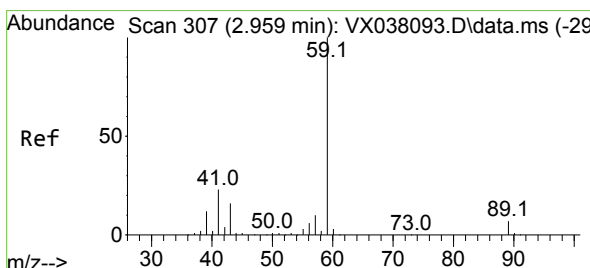
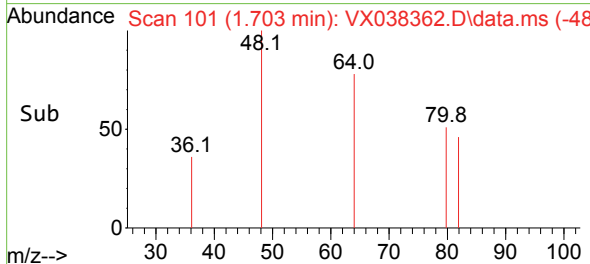
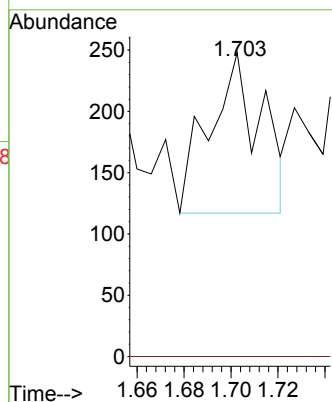
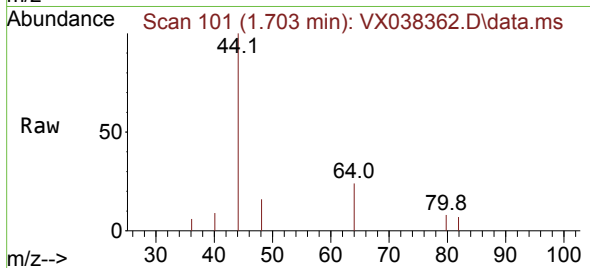




#6
Chloroethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. 0.024 min
Lab File: VX038362.D
Acq: 18 Oct 2023 15:02

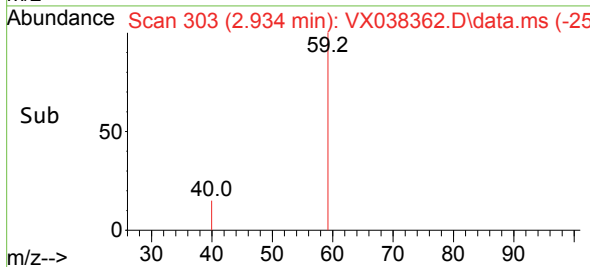
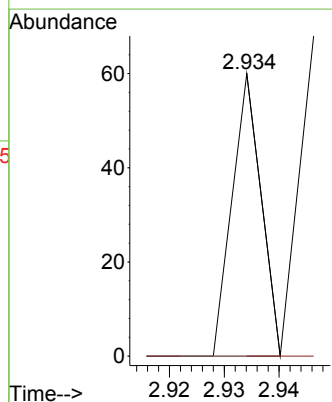
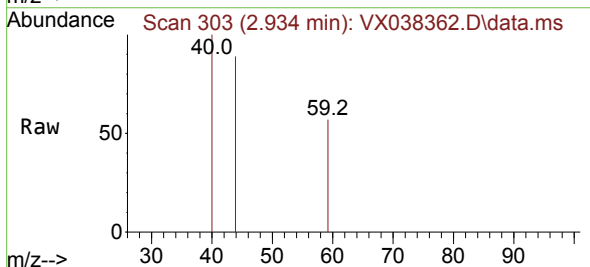
Instrument :
MSVOA_X
ClientSampleId :

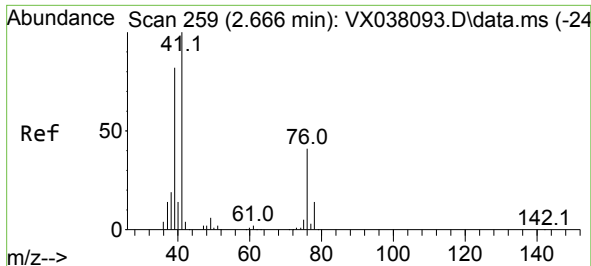
Tgt Ion: 64 Resp: 201
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.934 min Scan# 303
Delta R.T. -0.025 min
Lab File: VX038362.D
Acq: 18 Oct 2023 15:02

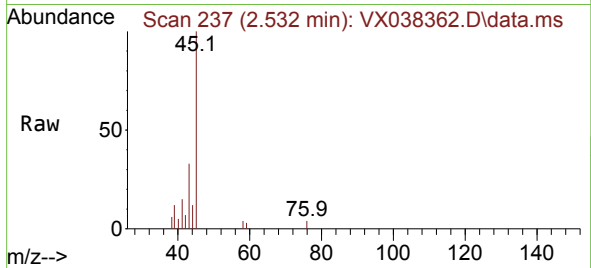
Tgt Ion: 59 Resp: 22
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



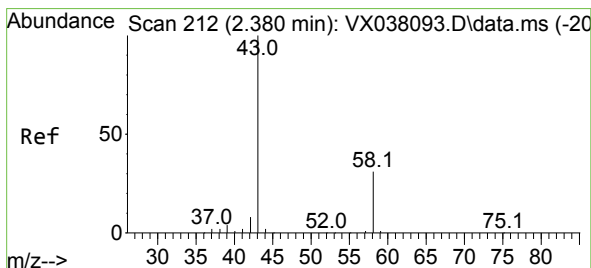
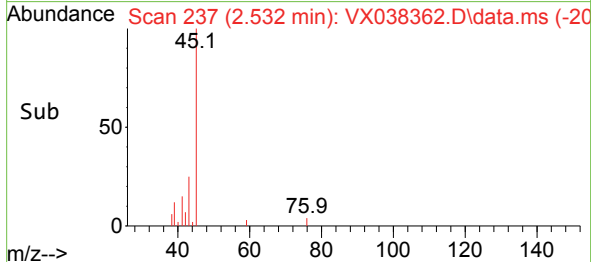
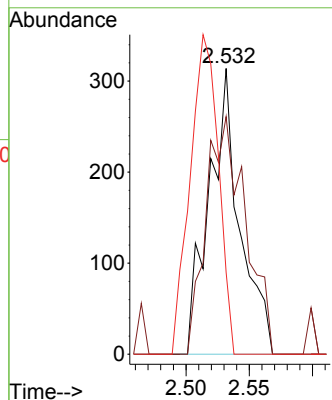


#14
 Allyl chloride
 Concen: 0.289 ug/l
 RT: 2.532 min Scan# 21
 Delta R.T. -0.128 min
 Lab File: VX038362.D
 Acq: 18 Oct 2023 15:02

Instrument :
 MSVOA_X
 ClientSampleId :

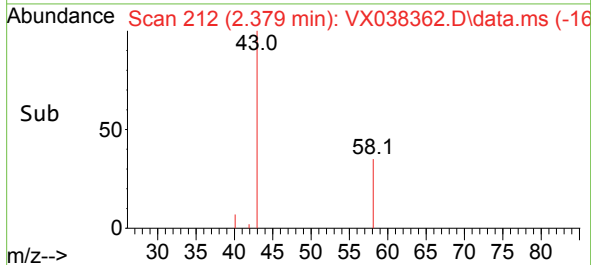
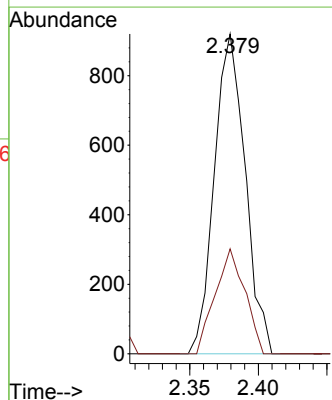
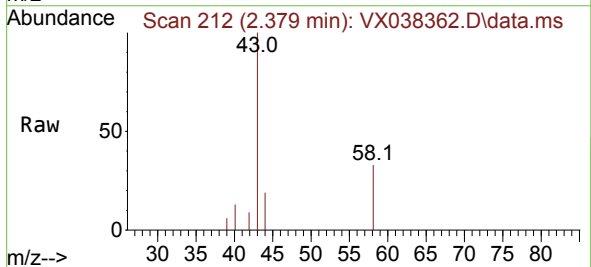


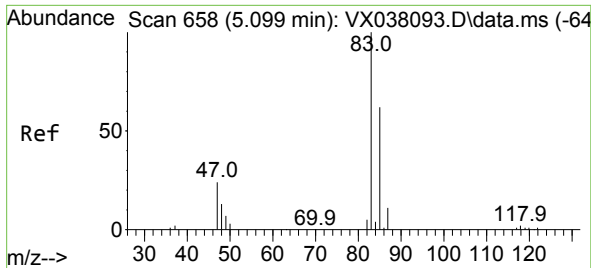
Tgt Ion: 41 Resp: 529
 Ion Ratio Lower Upper
 41 100
 39 106.6 55.8 83.6#
 76 103.4 24.3 36.5#



#16
 Acetone
 Concen: 1.916 ug/l
 RT: 2.379 min Scan# 212
 Delta R.T. -0.001 min
 Lab File: VX038362.D
 Acq: 18 Oct 2023 15:02

Tgt Ion: 43 Resp: 1439
 Ion Ratio Lower Upper
 43 100
 58 32.8 21.9 32.9

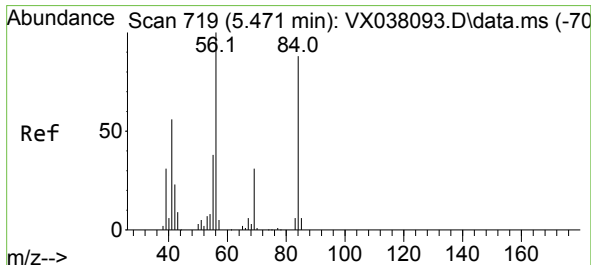
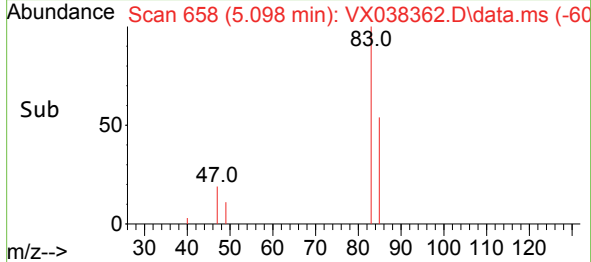
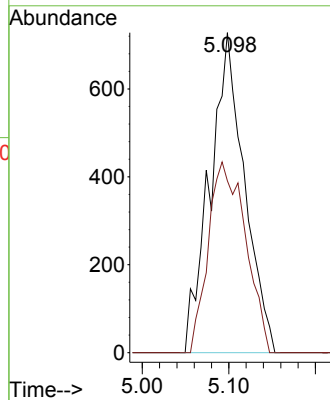
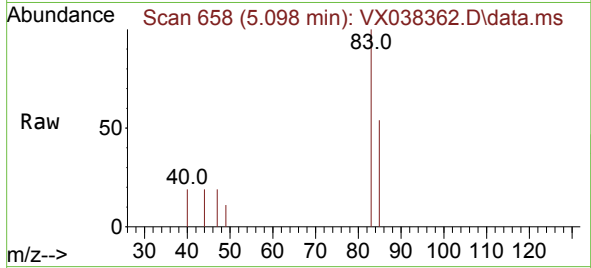




#30
Chloroform
Concen: 0.789 ug/l
RT: 5.098 min Scan# 61
Delta R.T. 0.005 min
Lab File: VX038362.D
Acq: 18 Oct 2023 15:02

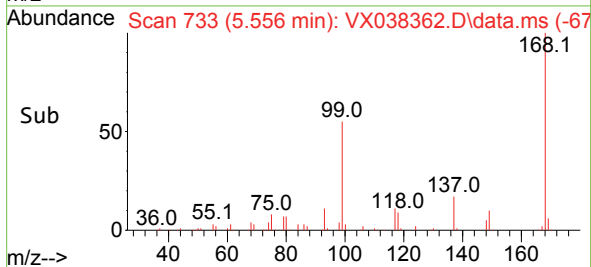
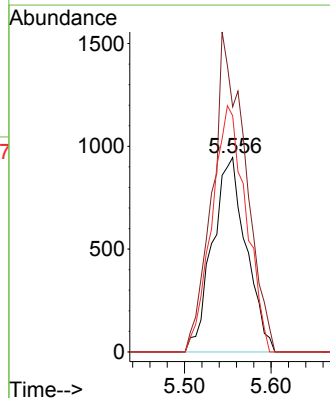
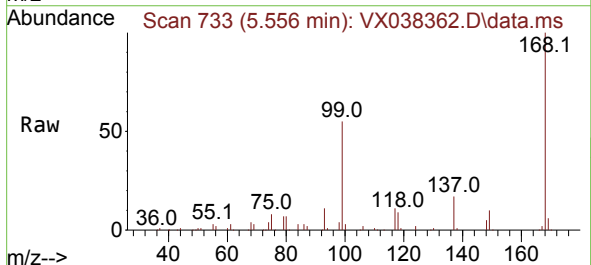
Instrument :
MSVOA_X
ClientSampleId :

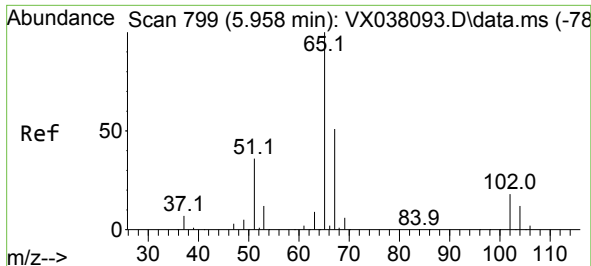
Tgt Ion: 83 Resp: 2009
Ion Ratio Lower Upper
83 100
85 53.7 50.3 75.5



#31
Cyclohexane
Concen: 1.313 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX038362.D
Acq: 18 Oct 2023 15:02

Tgt Ion: 56 Resp: 2559
Ion Ratio Lower Upper
56 100
69 126.1 23.4 35.2#
84 121.5 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 44.651 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX038362.D

Acq: 18 Oct 2023 15:02

Instrument :

MSVOA_X

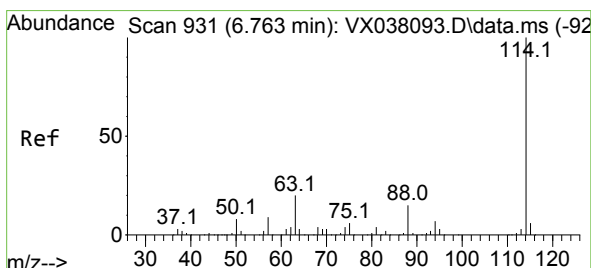
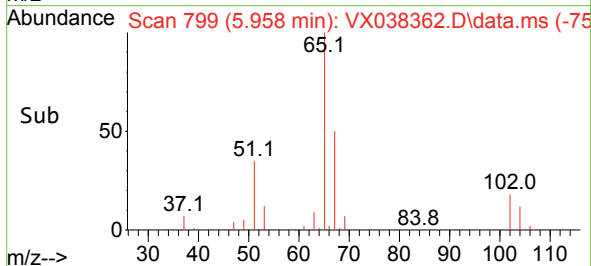
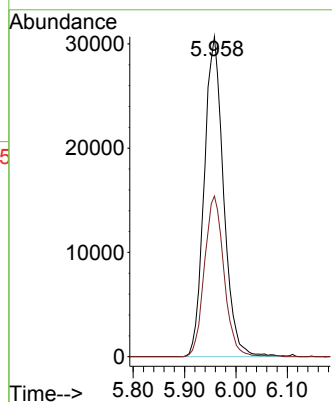
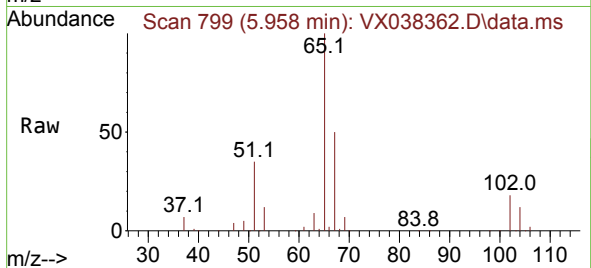
ClientSampleId :

Tgt Ion: 65 Resp: 80342

Ion Ratio Lower Upper

65 100

67 50.8 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: VX038362.D

Acq: 18 Oct 2023 15:02

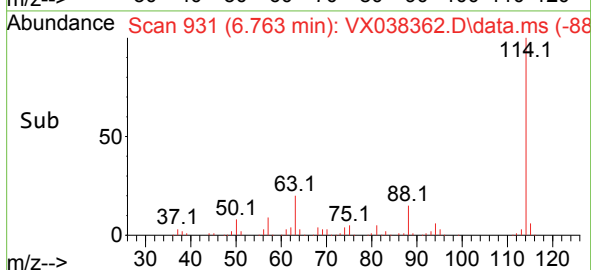
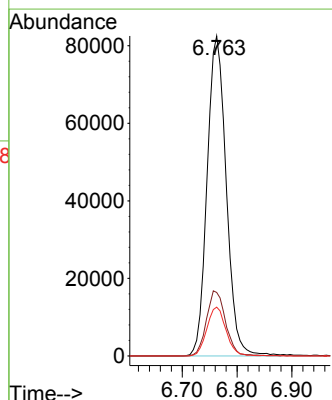
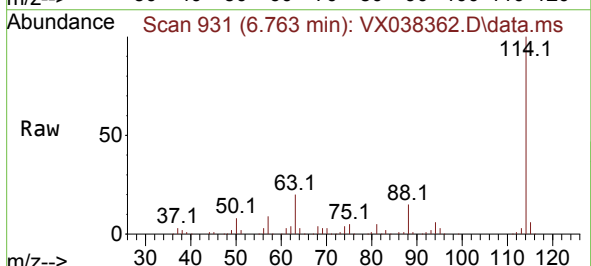
Tgt Ion: 114 Resp: 199612

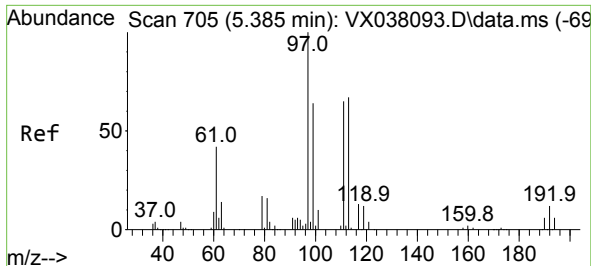
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

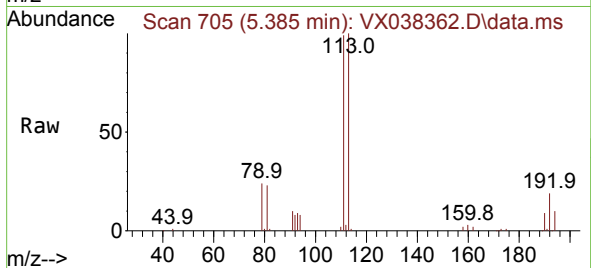
88 15.3 0.0 36.6



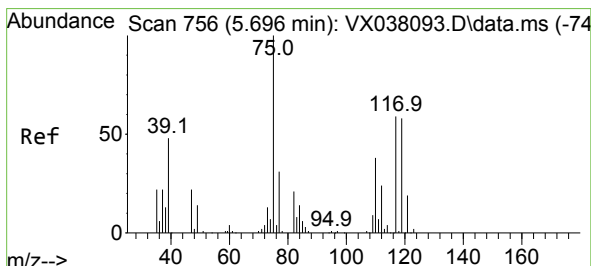
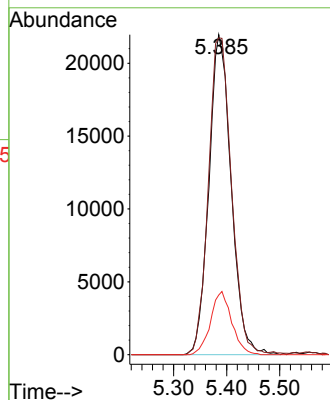
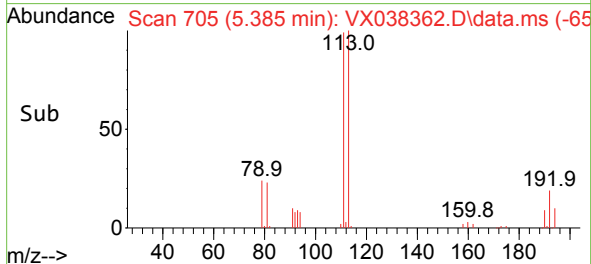


#35
Dibromofluoromethane
Concen: 44.459 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038362.D
Acq: 18 Oct 2023 15:02

Instrument :
MSVOA_X
ClientSampleId :

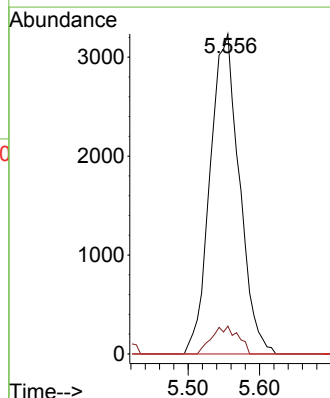
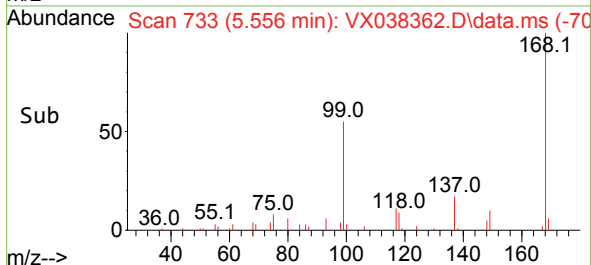
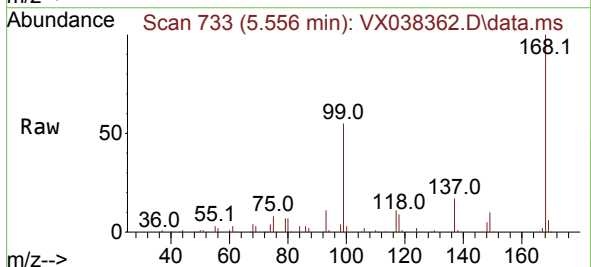


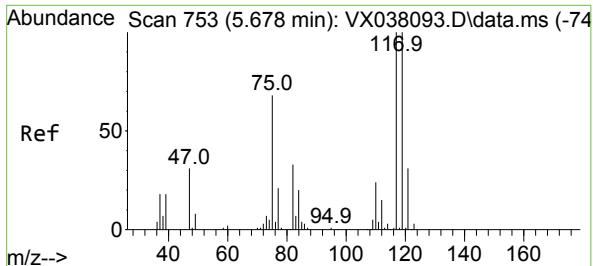
Tgt Ion:113 Resp: 63947
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.640 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX038362.D
Acq: 18 Oct 2023 15:02

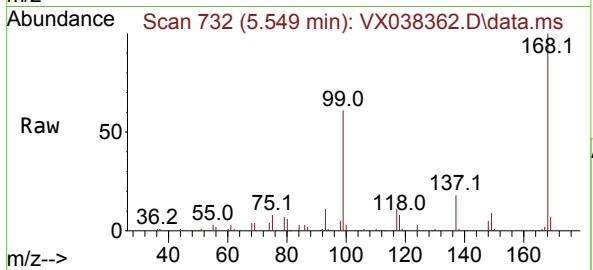
Tgt Ion: 75 Resp: 9203
Ion Ratio Lower Upper
75 100
110 7.8 17.0 50.9#
77 0.0 24.7 37.1#



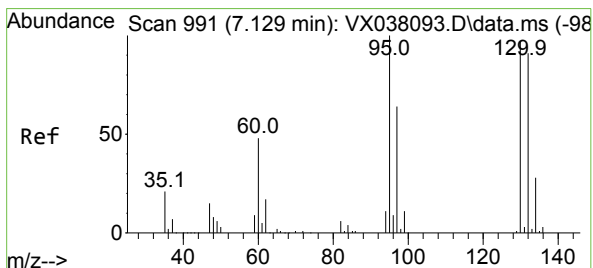
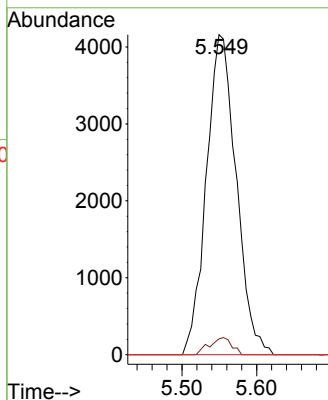
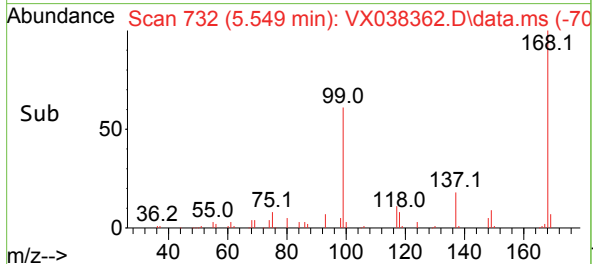


#38
Carbon Tetrachloride
Concen: 5.911 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.129 min
Lab File: VX038362.D
Acq: 18 Oct 2023 15:02

Instrument :
MSVOA_X
ClientSampleId :

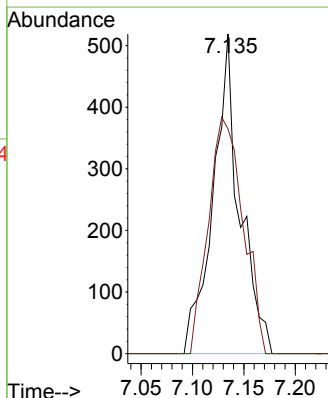
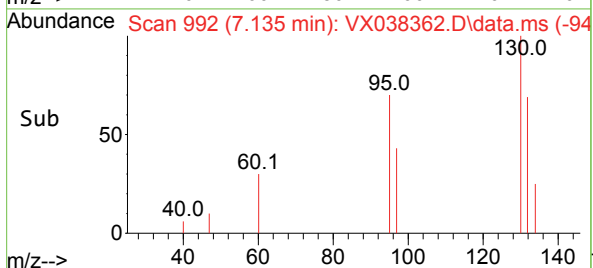
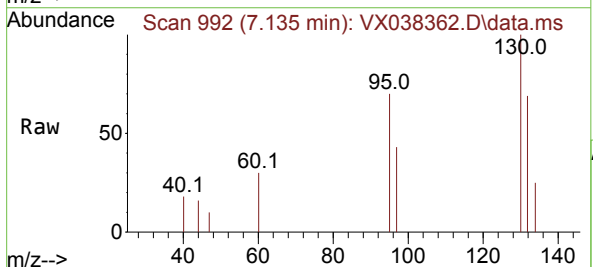


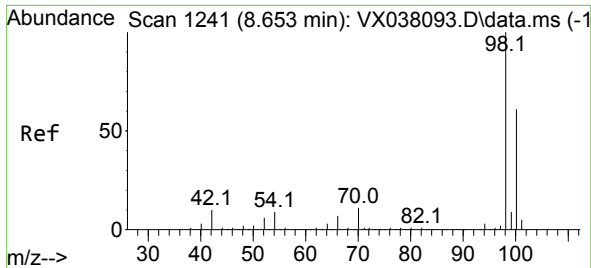
Tgt Ion:117 Resp: 11534
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.645 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX038362.D
Acq: 18 Oct 2023 15:02

Tgt Ion:130 Resp: 936
Ion Ratio Lower Upper
130 100
95 70.3 0.0 204.4

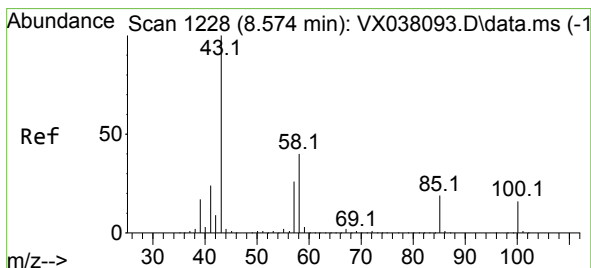
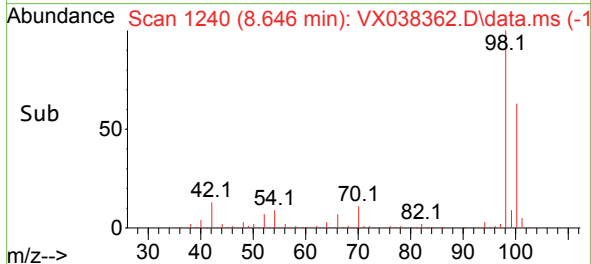
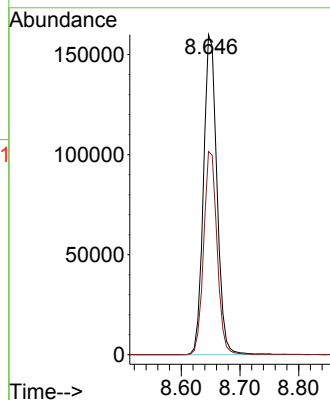
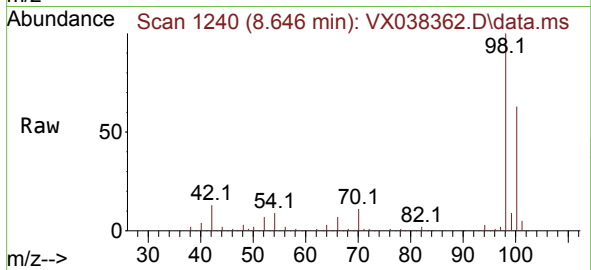




#50
Toluene-d8
Concen: 46.350 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.007 min
Lab File: VX038362.D
Acq: 18 Oct 2023 15:02

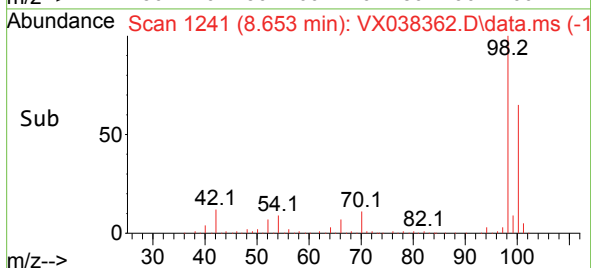
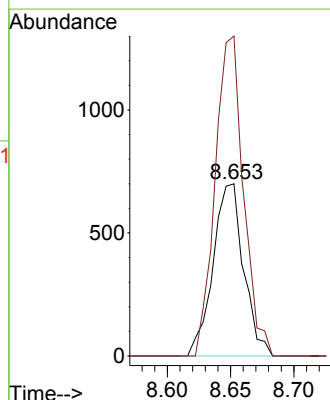
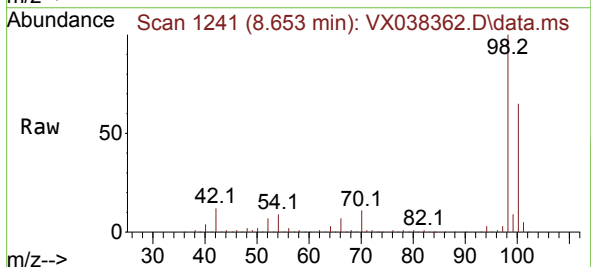
Instrument :
MSVOA_X
ClientSampleId :

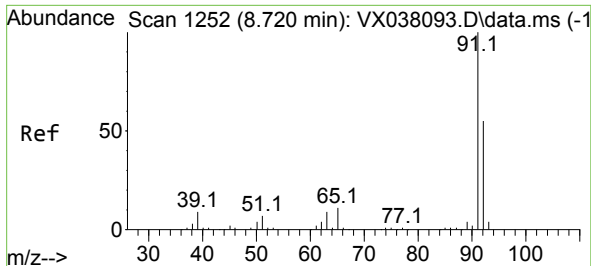
Tgt Ion: 98 Resp: 254749
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.484 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX038362.D
Acq: 18 Oct 2023 15:02

Tgt Ion: 43 Resp: 1175
Ion Ratio Lower Upper
43 100
58 172.3 30.4 45.6#

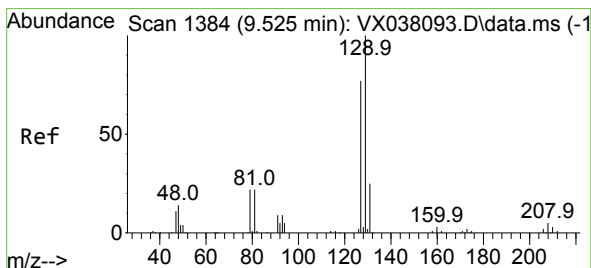
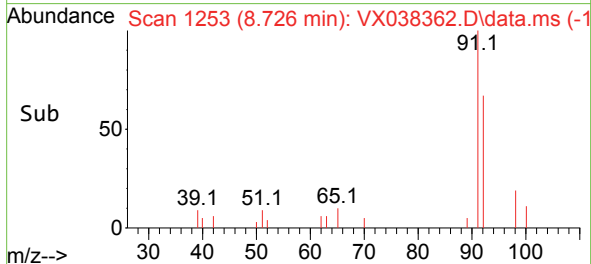
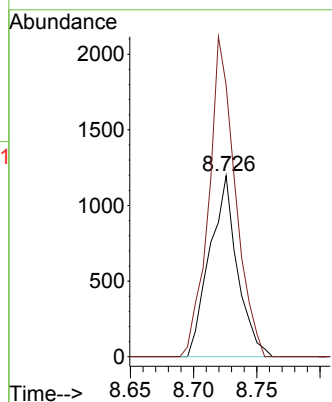
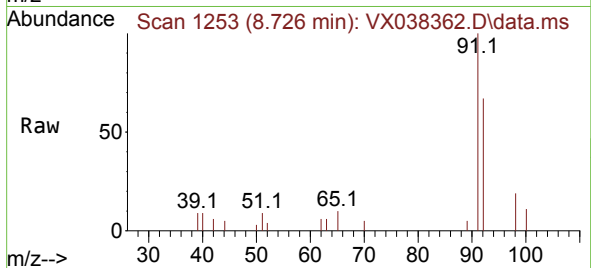




#52
Toluene
Concen: 0.505 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038362.D
Acq: 18 Oct 2023 15:02

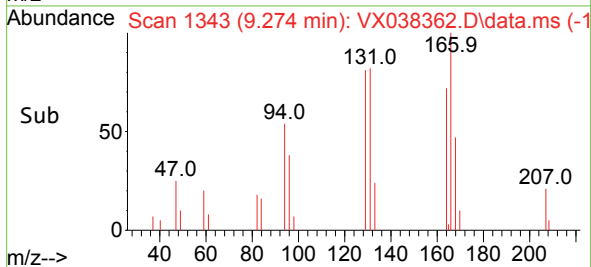
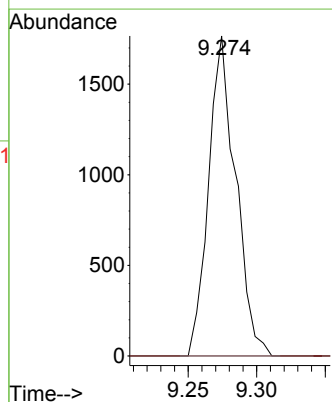
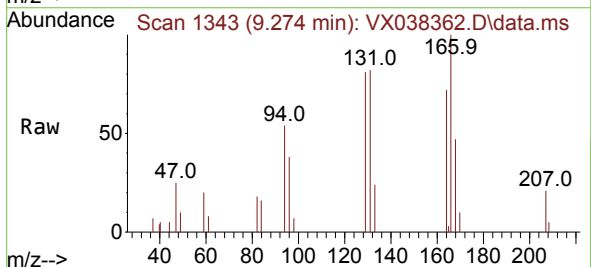
Instrument :
MSVOA_X
ClientSampleId :

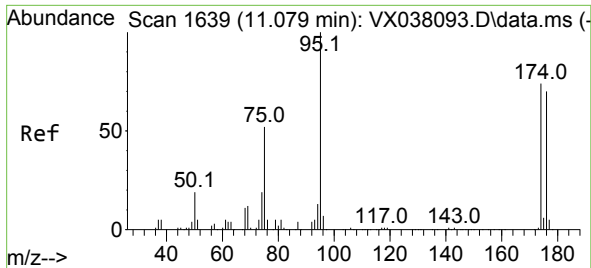
Tgt Ion: 92 Resp: 1824
Ion Ratio Lower Upper
92 100
91 169.6 134.2 201.2



#60
Dibromochloromethane
Concen: 1.604 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.251 min
Lab File: VX038362.D
Acq: 18 Oct 2023 15:02

Tgt Ion:129 Resp: 2427
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

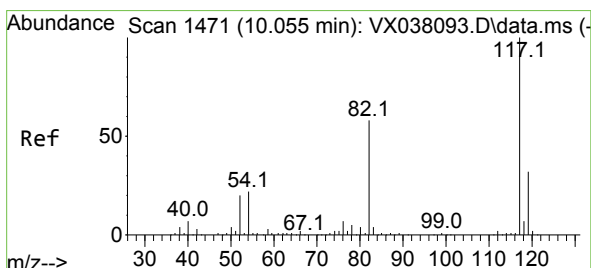
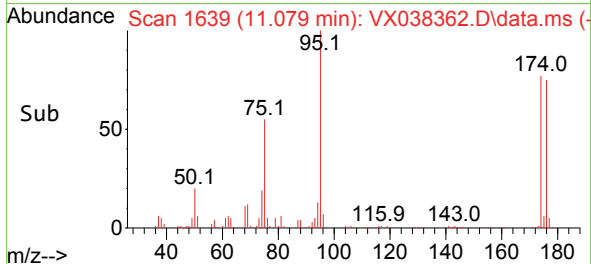
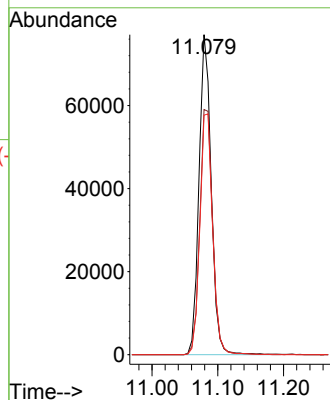
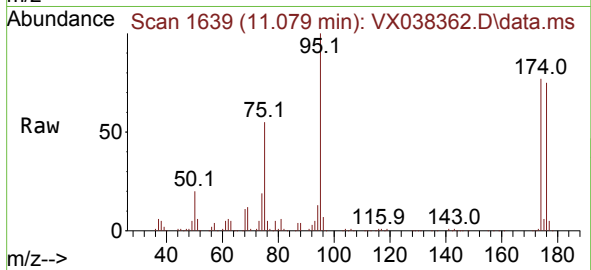




#62
4-Bromofluorobenzene
Concen: 47.654 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX038362.D
Acq: 18 Oct 2023 15:02

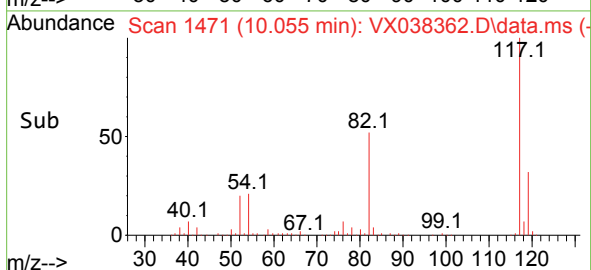
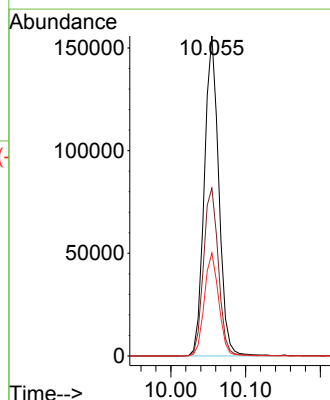
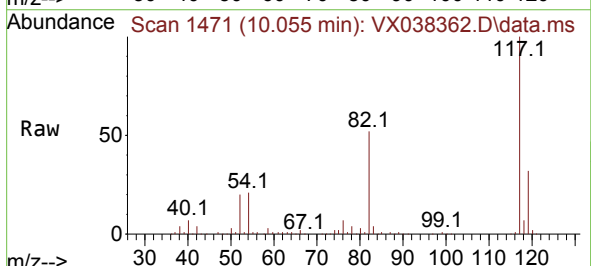
Instrument :
MSVOA_X
ClientSampleId :

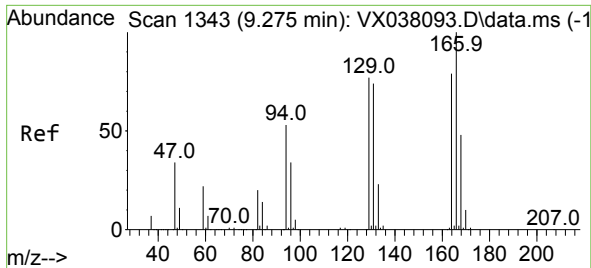
Tgt Ion: 95 Resp: 99296
Ion Ratio Lower Upper
95 100
174 81.1 0.0 135.6
176 78.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038362.D
Acq: 18 Oct 2023 15:02

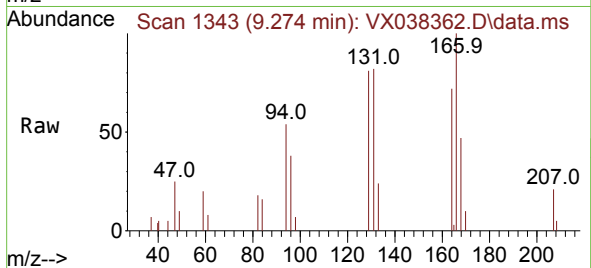
Tgt Ion: 117 Resp: 209173
Ion Ratio Lower Upper
117 100
82 52.5 46.2 69.4
119 32.1 25.5 38.3



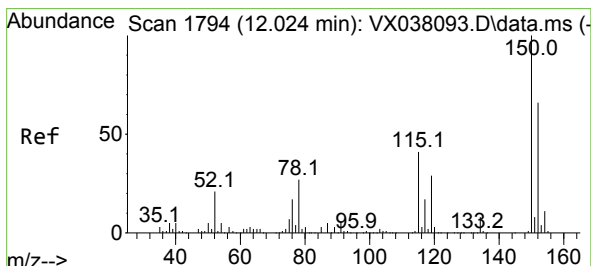
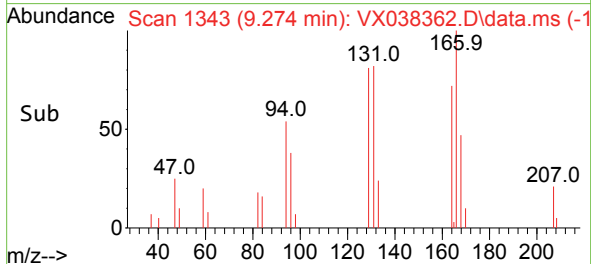
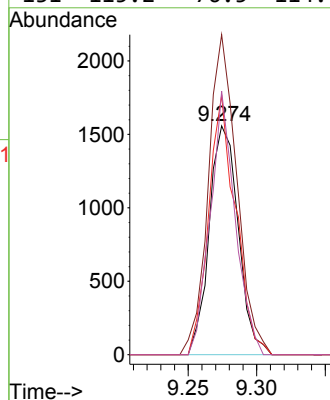


#64
Tetrachloroethene
Concen: 1.691 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX038362.D
Acq: 18 Oct 2023 15:02

Instrument :
MSVOA_X
ClientSampleId :

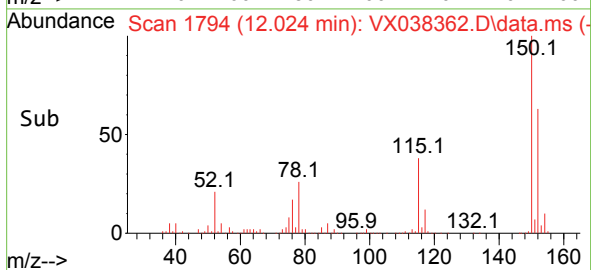
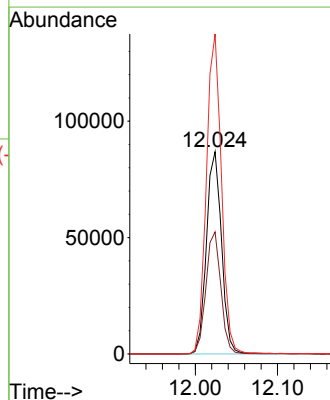
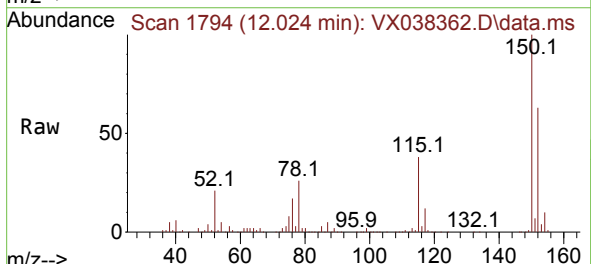


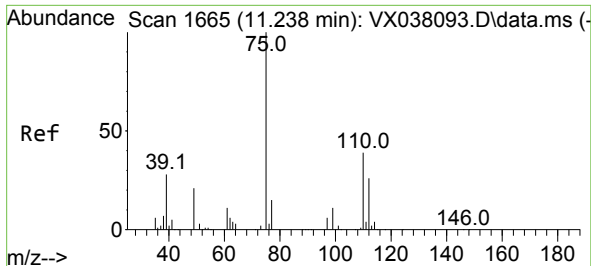
Tgt Ion:164 Resp: 2290
Ion Ratio Lower Upper
164 100
166 139.9 102.7 154.1
129 113.4 80.4 120.6
131 115.2 76.5 114.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX038362.D
Acq: 18 Oct 2023 15:02

Tgt Ion:152 Resp: 110759
Ion Ratio Lower Upper
152 100
115 59.9 43.3 129.9
150 157.8 0.0 345.0

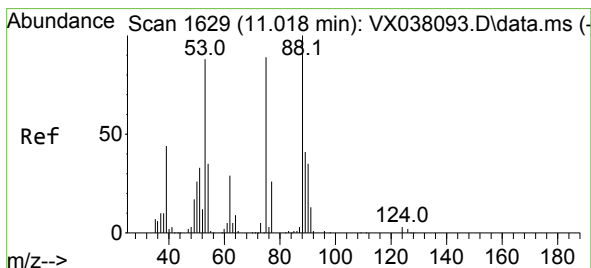
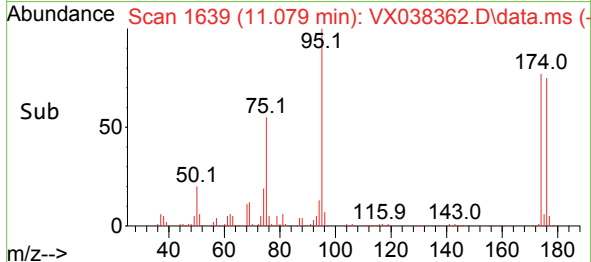
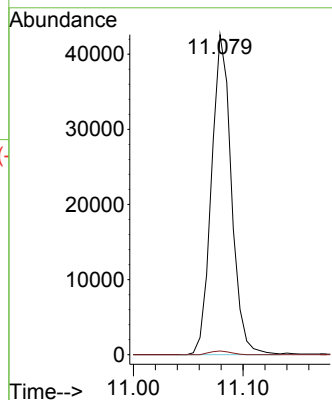
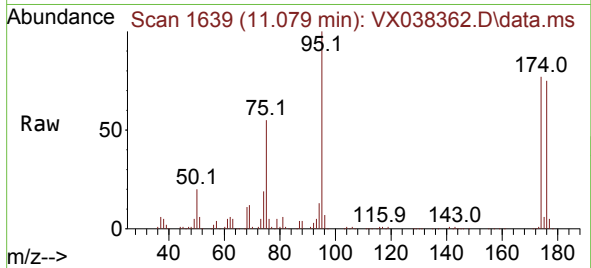




#76
1,2,3-Trichloropropane
Concen: 21.395 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038362.D
Acq: 18 Oct 2023 15:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 53871
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.465 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038362.D
Acq: 18 Oct 2023 15:02

Tgt Ion: 75 Resp: 53871
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

