

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101623\
 Data File : VX038314.D
 Acq On : 16 Oct 2023 19:13
 Operator : JC/MD
 Sample : 04899-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 17 01:27:40 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)

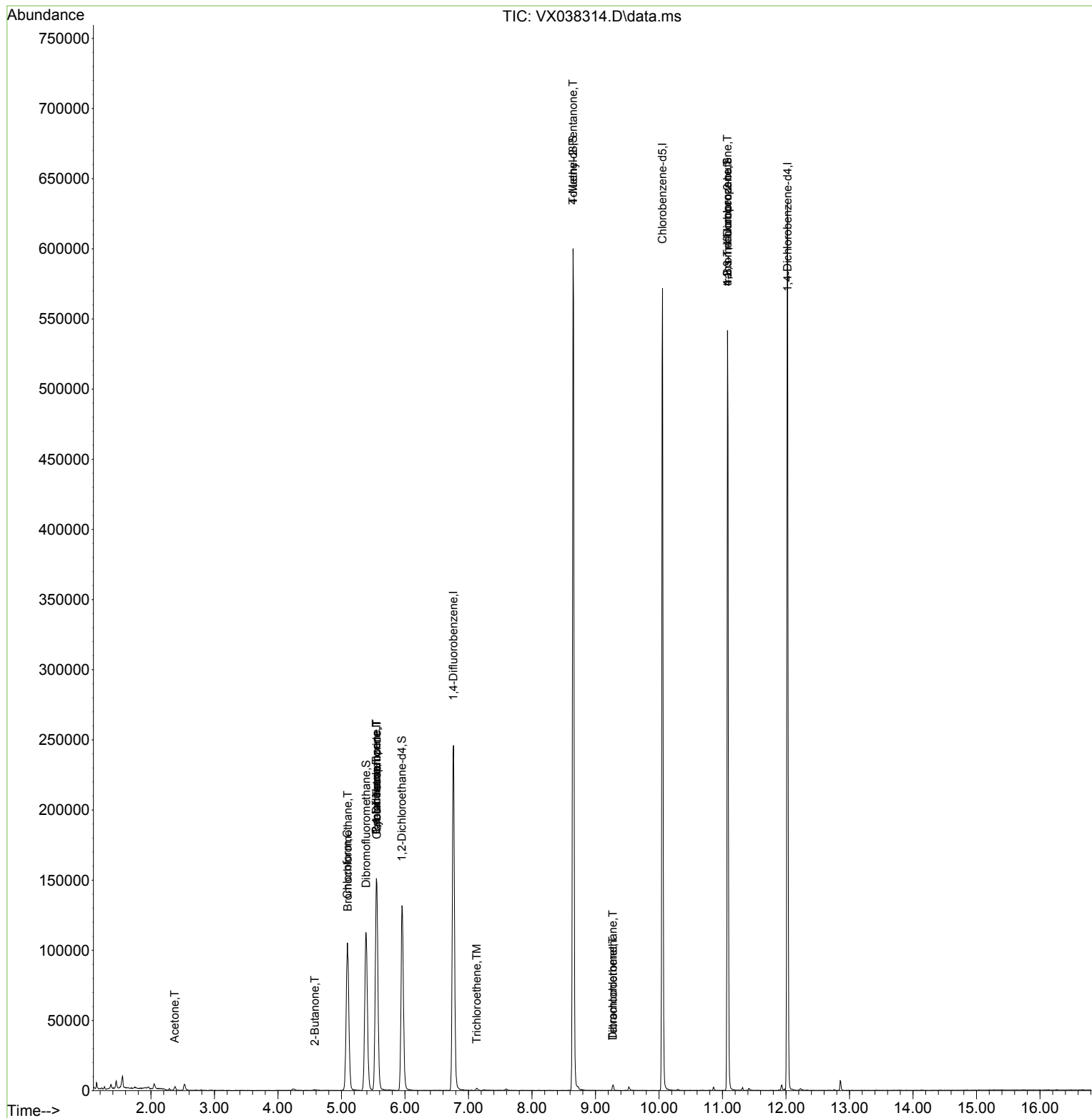
Internal Standards						
1) Pentafluorobenzene	5.550	168	142933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	250954	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	249760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	123633	53.777	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.560%	
35) Dibromofluoromethane	5.385	113	97910	54.145	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.300%	
50) Toluene-d8	8.647	98	362961	52.528	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.060%	
62) 4-Bromofluorobenzene	11.079	95	136896	52.258	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.520%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.642	94	24	Below Cal	#	3
6) Chloroethane	1.697	64	109	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	93	Below Cal	#	78
16) Acetone	2.374	43	2908	3.031	ug/l	99
25) 2-Butanone	4.581	43	801	0.517	ug/l #	51
28) Bromochloromethane	5.099	49	9568	7.124	ug/l #	16
30) Chloroform	5.093	83	118637	36.466	ug/l	97
31) Cyclohexane	5.550	56	3452	1.386	ug/l #	20
36) 1,1-Dichloropropene	5.550	75	11864	4.758	ug/l #	51
38) Carbon Tetrachloride	5.556	117	15084	6.149	ug/l #	14
44) Trichloroethene	7.129	130	628	0.344	ug/l	94
51) 4-Methyl-2-Pentanone	8.647	43	1687	0.553	ug/l #	1
60) Dibromochloromethane	9.275	129	537	0.282	ug/l #	11
64) Tetrachloroethene	9.275	164	513	0.317	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	75456	25.092	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	75456	71.390	ug/l #	5

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
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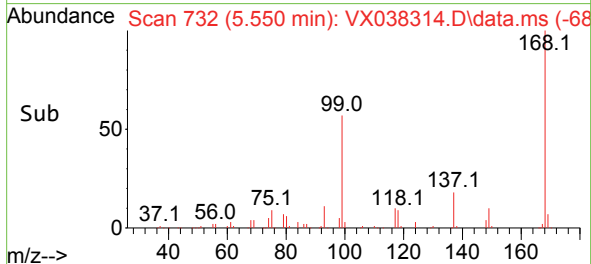
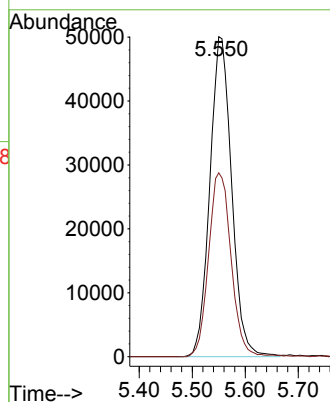
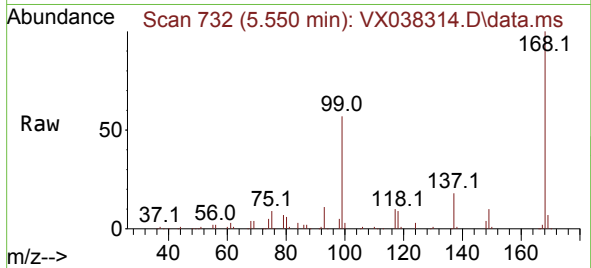




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038314.D
Acq: 16 Oct 2023 19:13

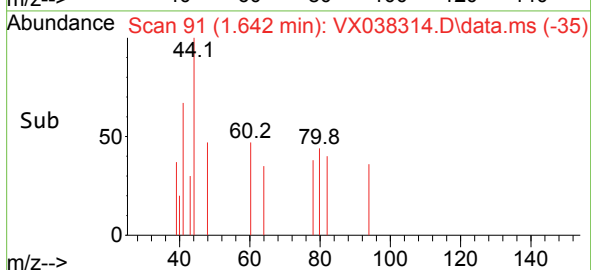
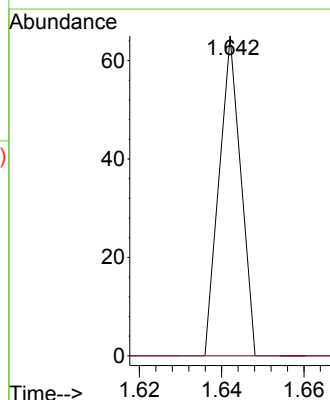
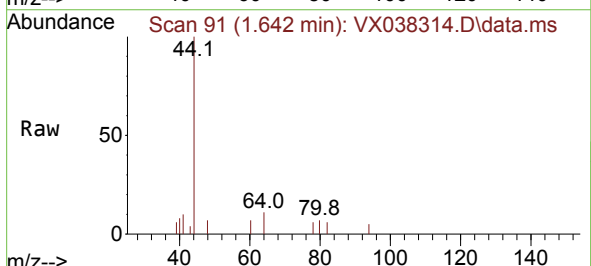
Instrument :
MSVOA_X
ClientSampleId :

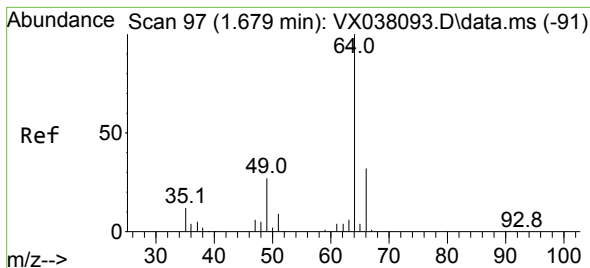
Tgt Ion:168 Resp: 142933
Ion Ratio Lower Upper
168 100
99 57.5 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.642 min Scan# 91
Delta R.T. 0.043 min
Lab File: VX038314.D
Acq: 16 Oct 2023 19:13

Tgt Ion: 94 Resp: 24
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#





#6

Chloroethane

Concen: Below Cal

RT: 1.697 min Scan# 100

Delta R.T. 0.018 min

Lab File: VX038314.D

Acq: 16 Oct 2023 19:13

Instrument :

MSVOA_X

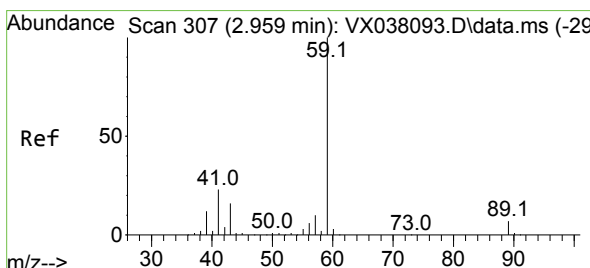
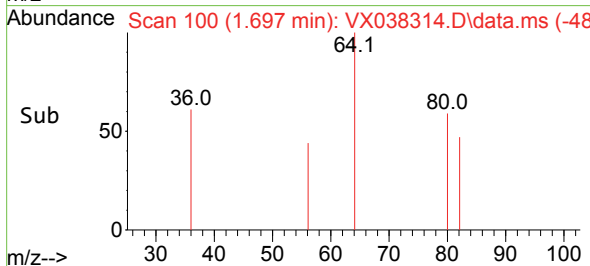
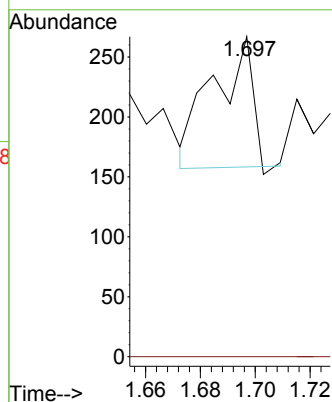
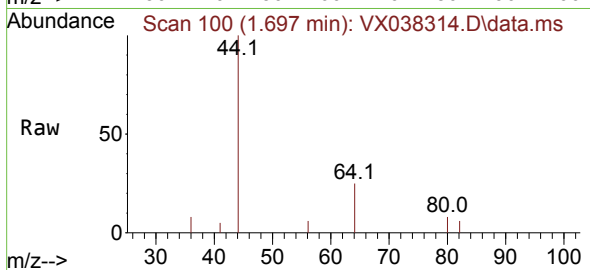
ClientSampleId :

Tgt Ion: 64 Resp: 109

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.953 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX038314.D

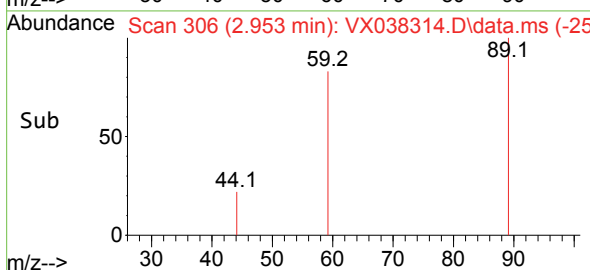
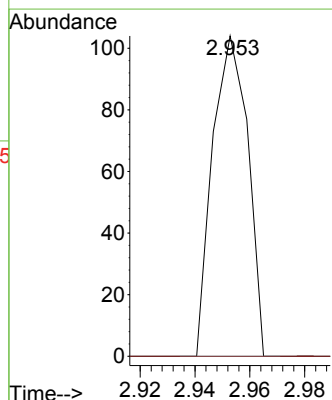
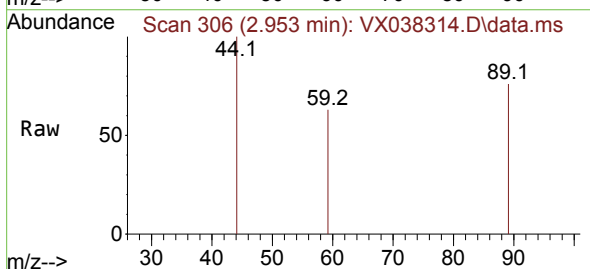
Acq: 16 Oct 2023 19:13

Tgt Ion: 59 Resp: 93

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#

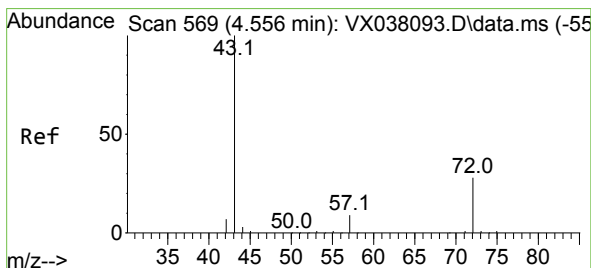
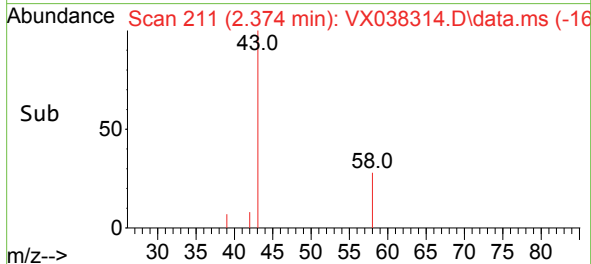
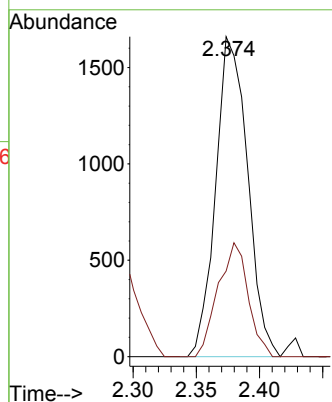
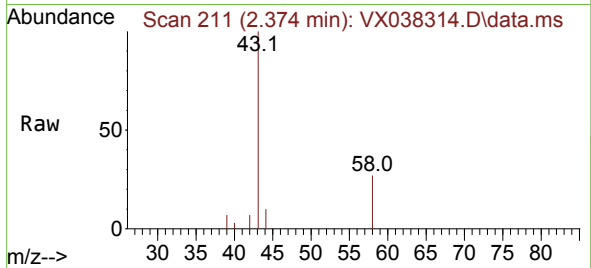




#16
Acetone
Concen: 3.031 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038314.D
Acq: 16 Oct 2023 19:13

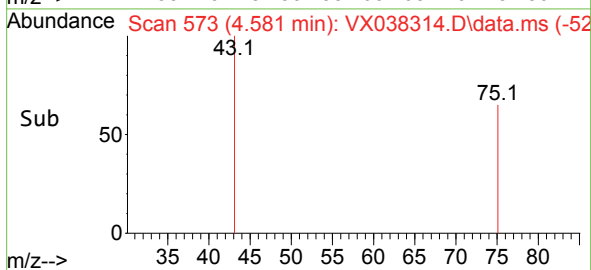
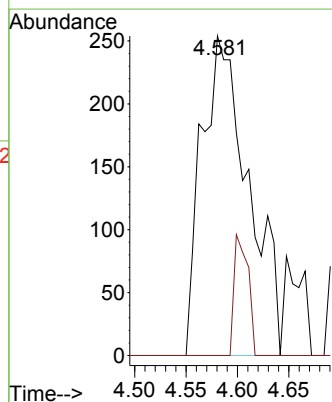
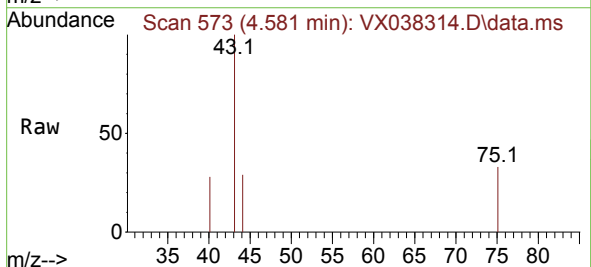
Instrument :
MSVOA_X
ClientSampleId :

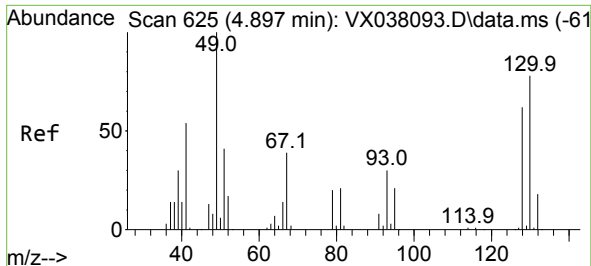
Tgt Ion: 43 Resp: 2908
Ion Ratio Lower Upper
43 100
58 26.7 21.9 32.9



#25
2-Butanone
Concen: 0.517 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.025 min
Lab File: VX038314.D
Acq: 16 Oct 2023 19:13

Tgt Ion: 43 Resp: 801
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#

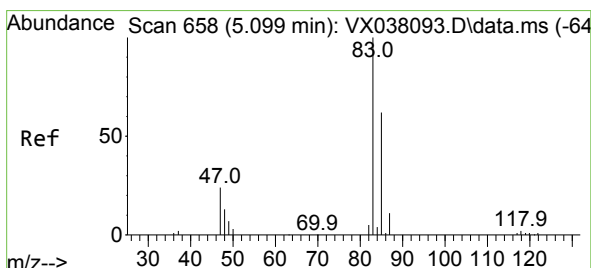
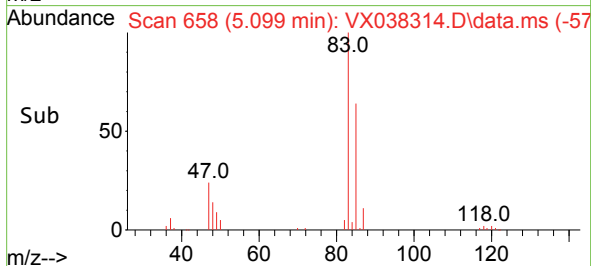
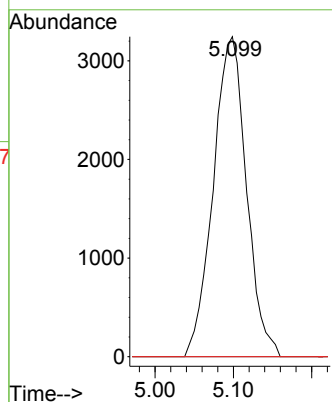
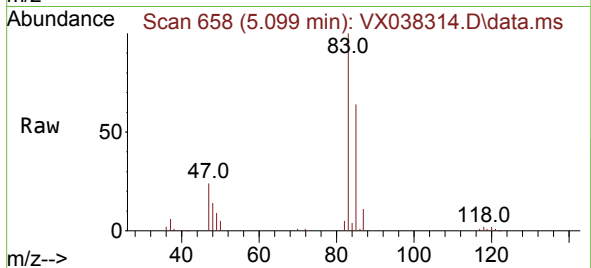




#28
Bromochloromethane
Concen: 7.124 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.202 min
Lab File: VX038314.D
Acq: 16 Oct 2023 19:13

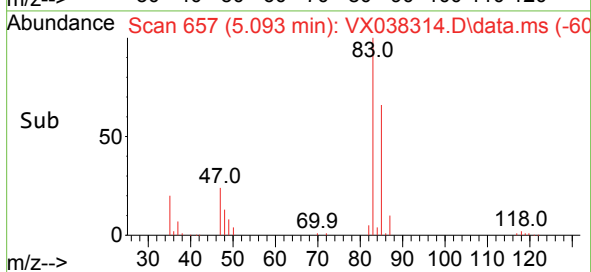
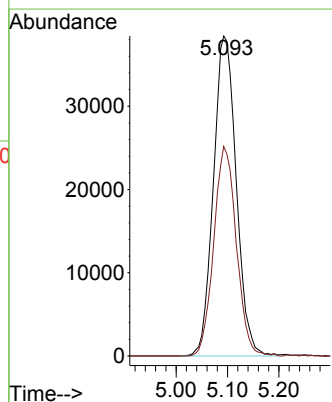
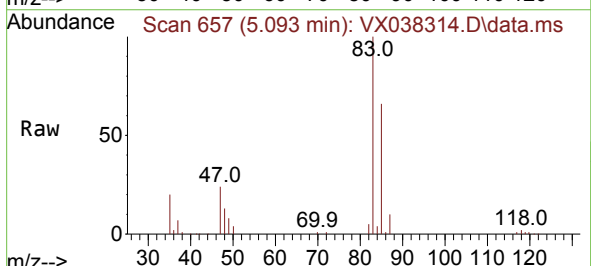
Instrument :
MSVOA_X
ClientSampleId :

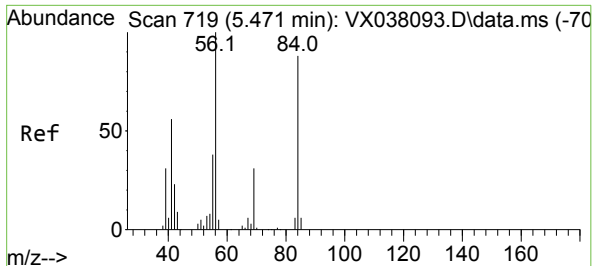
Tgt Ion: 49 Resp: 9568
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 57.5 86.3#



#30
Chloroform
Concen: 36.466 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX038314.D
Acq: 16 Oct 2023 19:13

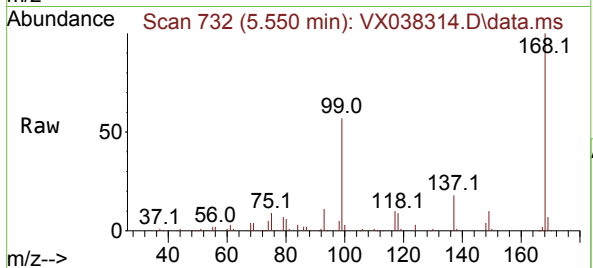
Tgt Ion: 83 Resp: 118637
Ion Ratio Lower Upper
83 100
85 65.5 50.3 75.5



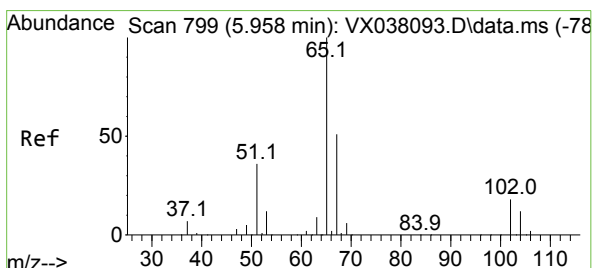
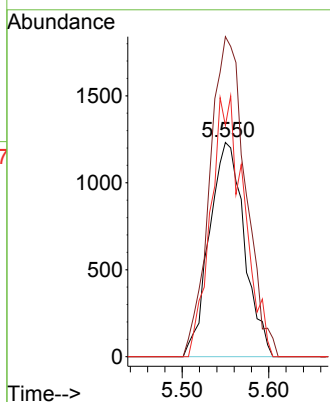
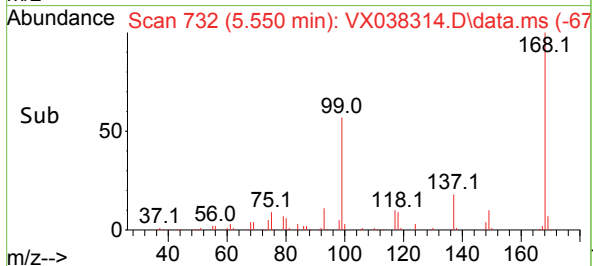


#31
Cyclohexane
Concen: 1.386 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038314.D
Acq: 16 Oct 2023 19:13

Instrument :
MSVOA_X
ClientSampleId :

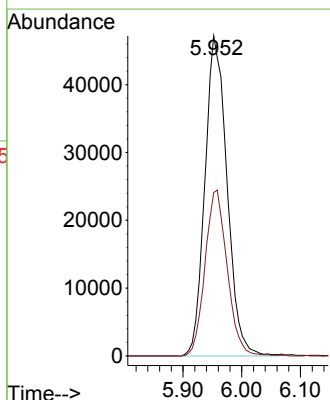
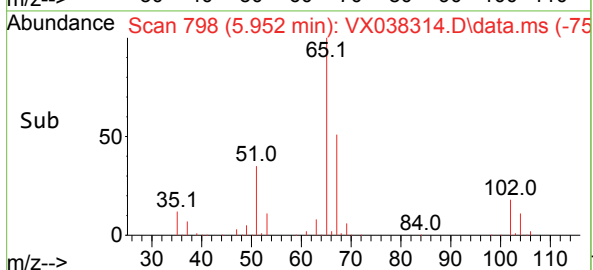
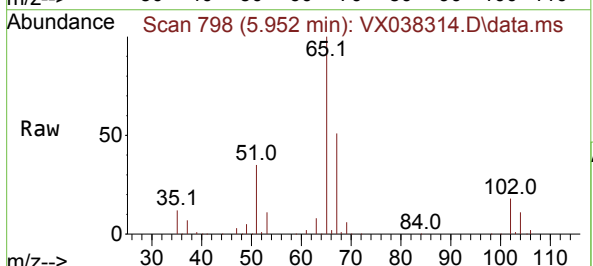


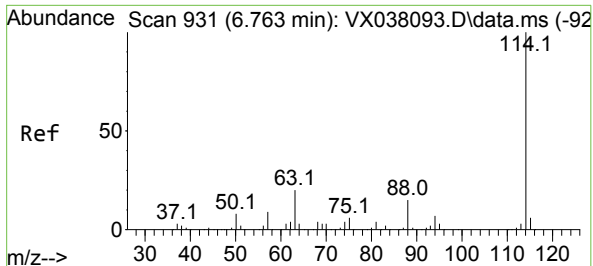
Tgt Ion: 56 Resp: 3452
Ion Ratio Lower Upper
56 100
69 149.4 23.4 35.2#
84 107.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 53.777 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038314.D
Acq: 16 Oct 2023 19:13

Tgt Ion: 65 Resp: 123633
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2

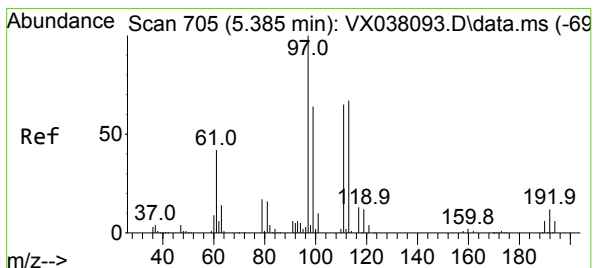
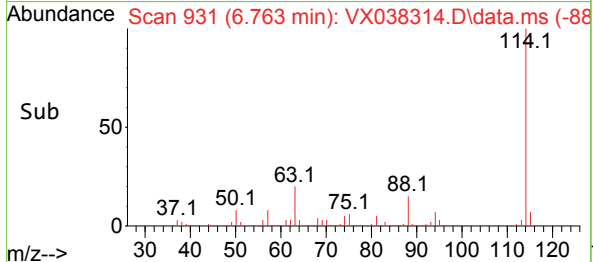
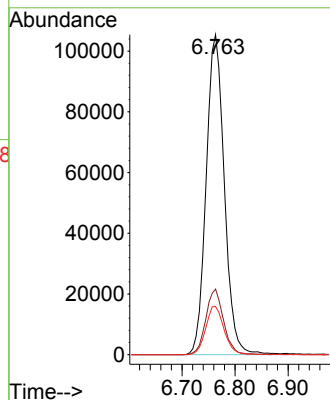
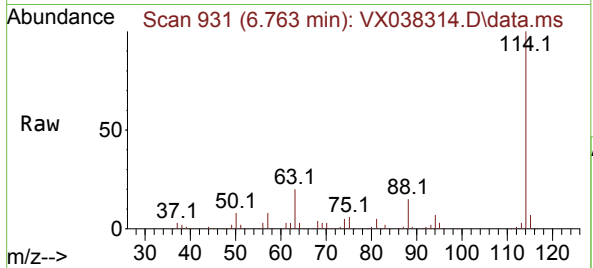




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX038314.D
 Acq: 16 Oct 2023 19:13

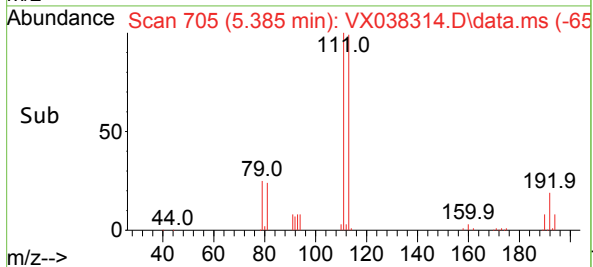
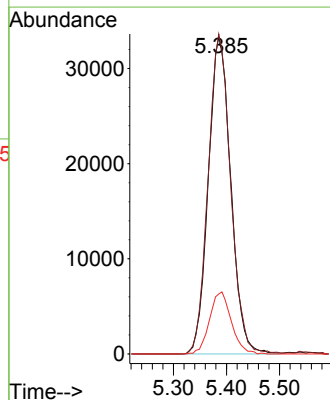
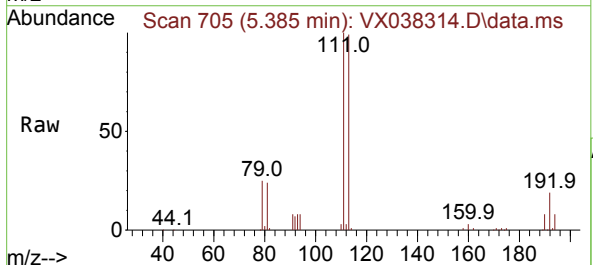
Instrument :
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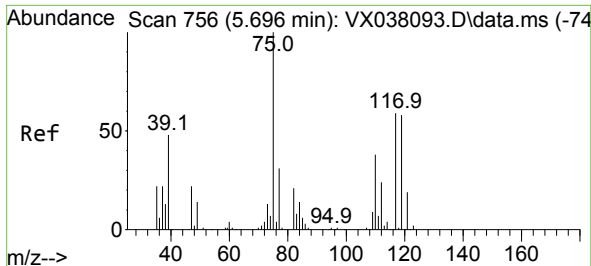
Tgt Ion:114 Resp: 250954
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 45.0
 88 15.0 0.0 36.6



#35
 Dibromofluoromethane
 Concen: 54.145 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX038314.D
 Acq: 16 Oct 2023 19:13

Tgt Ion:113 Resp: 97910
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.9 124.3
 192 19.0 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.758 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

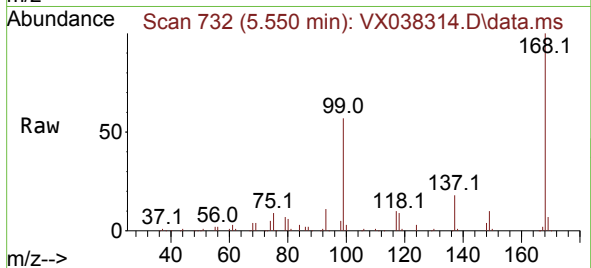
Lab File: VX038314.D

Acq: 16 Oct 2023 19:13

Instrument :

MSVOA_X

ClientSampleId :



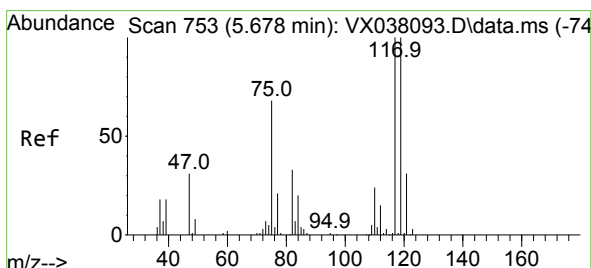
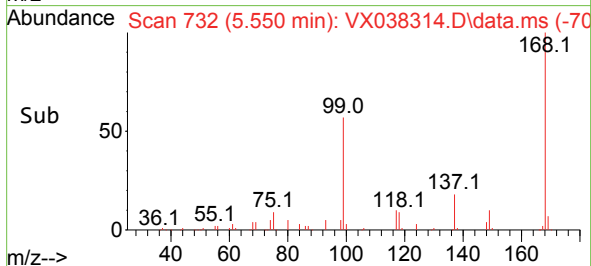
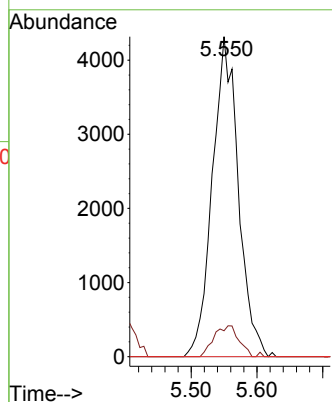
Tgt Ion: 75 Resp: 11864

Ion Ratio Lower Upper

75 100

110 9.2 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.149 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX038314.D

Acq: 16 Oct 2023 19:13

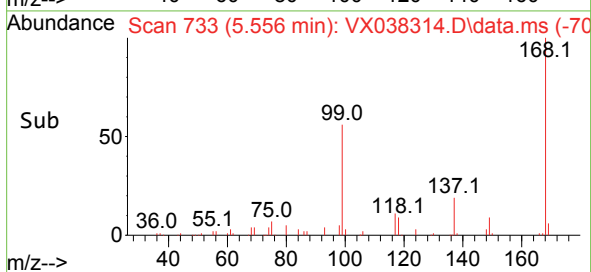
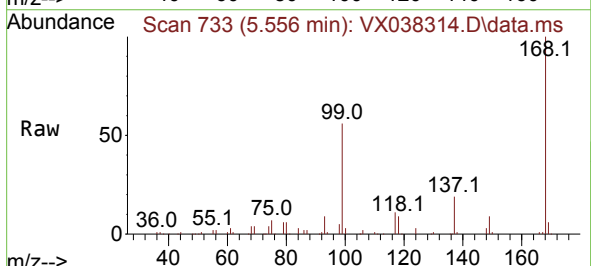
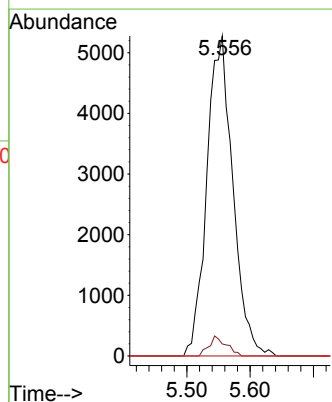
Tgt Ion: 117 Resp: 15084

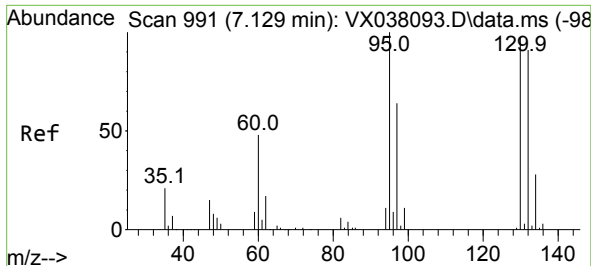
Ion Ratio Lower Upper

117 100

119 3.7 78.2 117.2#

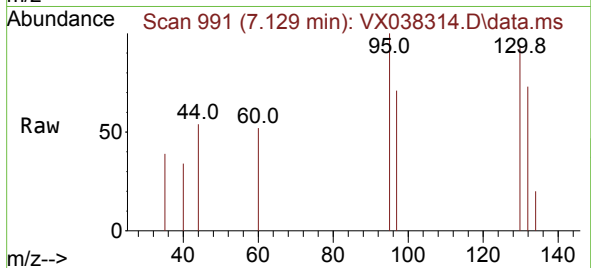
121 0.0 24.4 36.6#



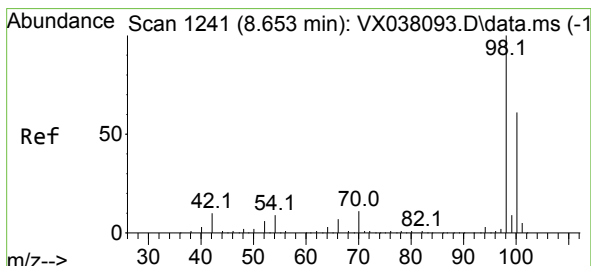
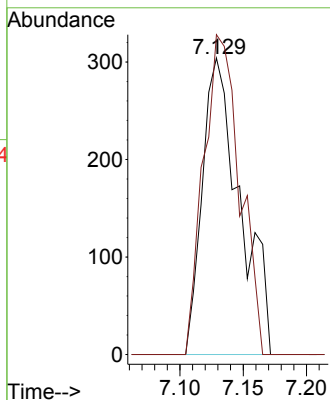
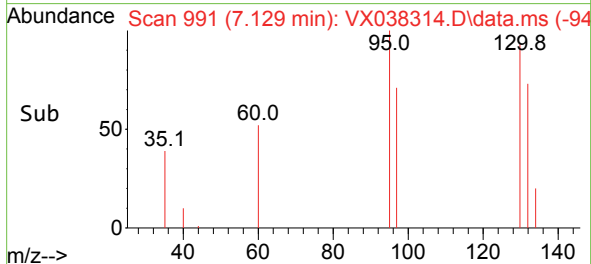


#44
Trichloroethene
Concen: 0.344 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038314.D
Acq: 16 Oct 2023 19:13

Instrument :
MSVOA_X
ClientSampleId :

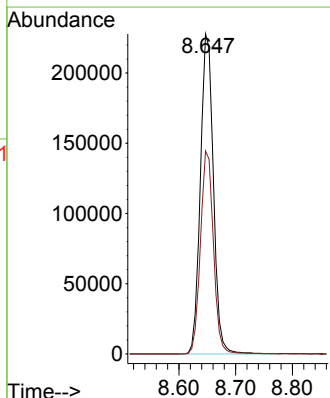
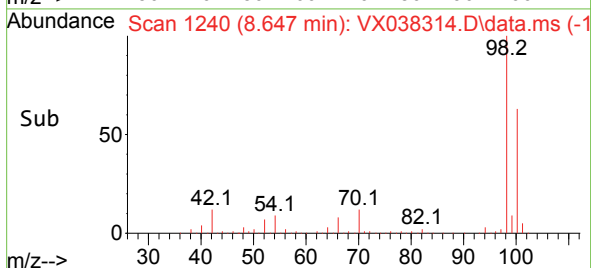
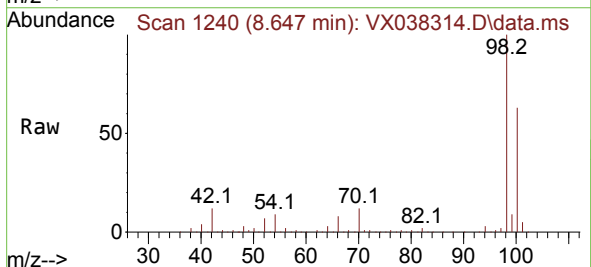


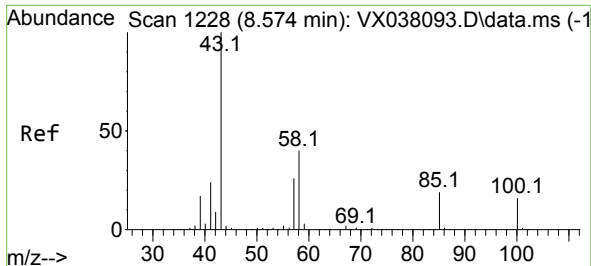
Tgt Ion:130 Resp: 628
Ion Ratio Lower Upper
130 100
95 107.9 0.0 204.4



#50
Toluene-d8
Concen: 52.528 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038314.D
Acq: 16 Oct 2023 19:13

Tgt Ion: 98 Resp: 362961
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7

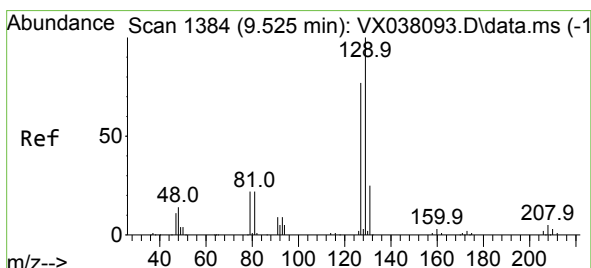
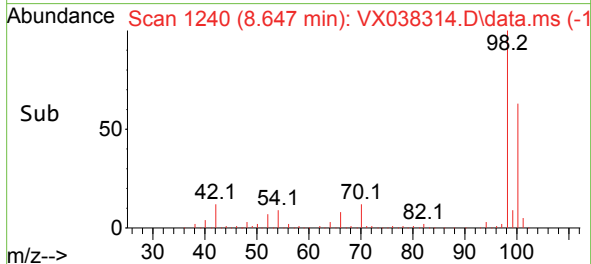
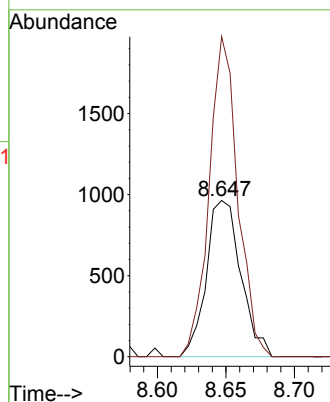
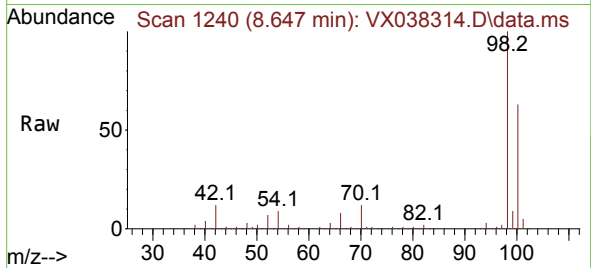




#51
4-Methyl-2-Pentanone
Concen: 0.553 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX038314.D
Acq: 16 Oct 2023 19:13

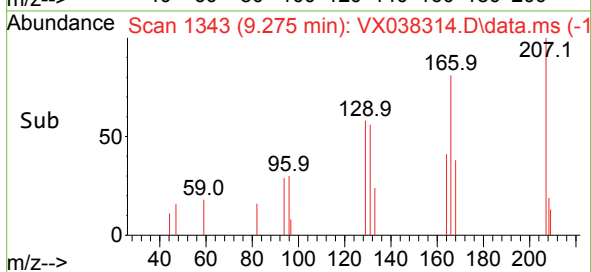
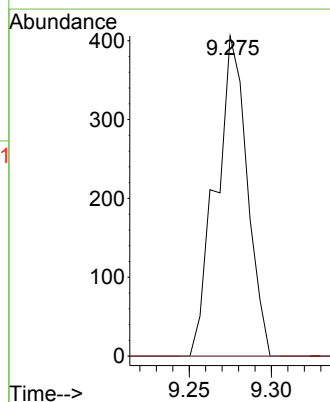
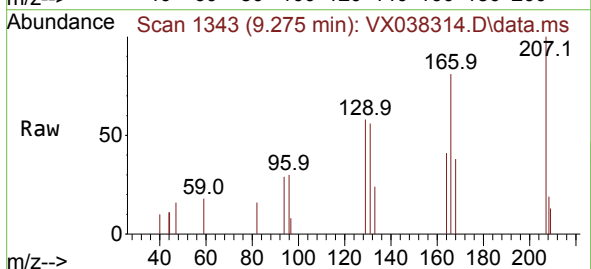
Instrument :
MSVOA_X
ClientSampleId :

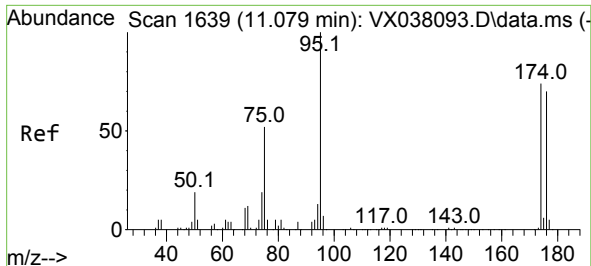
Tgt Ion: 43 Resp: 1687
Ion Ratio Lower Upper
43 100
58 170.3 30.4 45.6#



#60
Dibromochloromethane
Concen: 0.282 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX038314.D
Acq: 16 Oct 2023 19:13

Tgt Ion: 129 Resp: 537
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

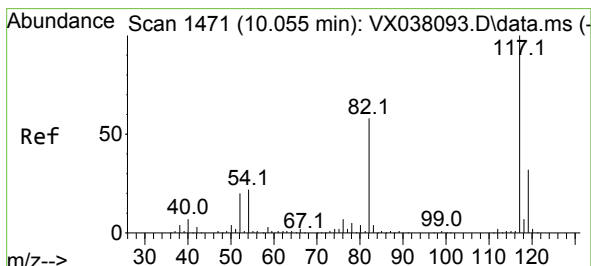
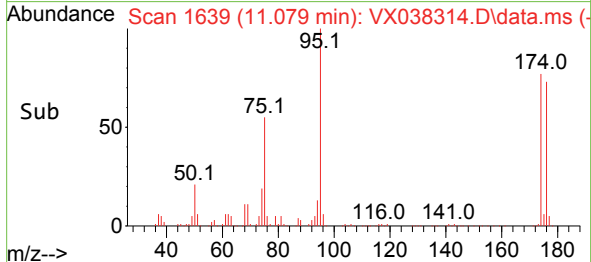
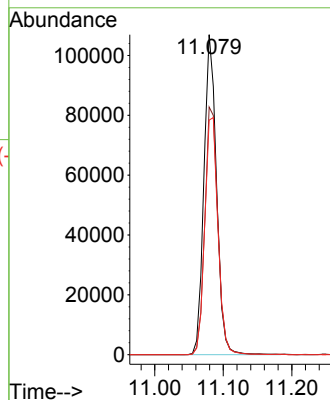
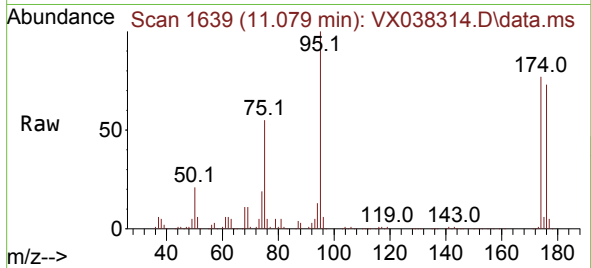




#62
4-Bromofluorobenzene
Concen: 52.258 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038314.D
Acq: 16 Oct 2023 19:13

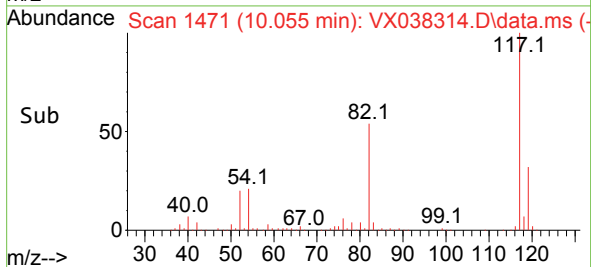
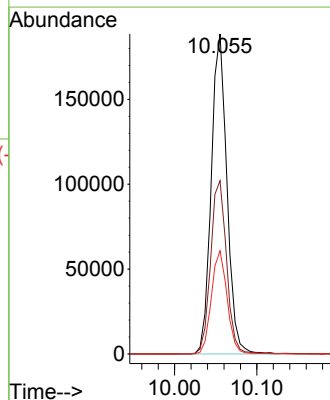
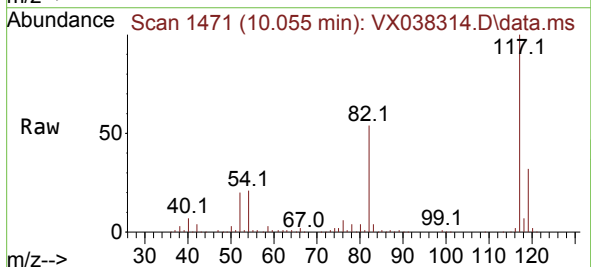
Instrument :
MSVOA_X
ClientSampleId :

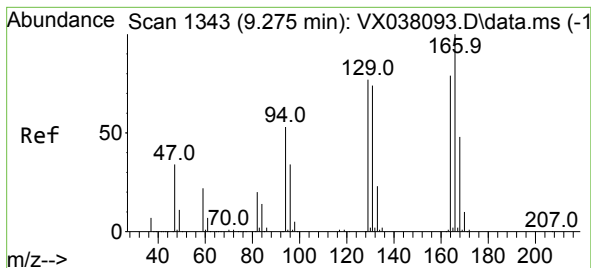
Tgt Ion: 95 Resp: 136896
Ion Ratio Lower Upper
95 100
174 80.4 0.0 135.6
176 78.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038314.D
Acq: 16 Oct 2023 19:13

Tgt Ion: 117 Resp: 249760
Ion Ratio Lower Upper
117 100
82 54.2 46.2 69.4
119 32.3 25.5 38.3





#64

Tetrachloroethene

Concen: 0.317 ug/l

RT: 9.275 min Scan# 1

Delta R.T. -0.000 min

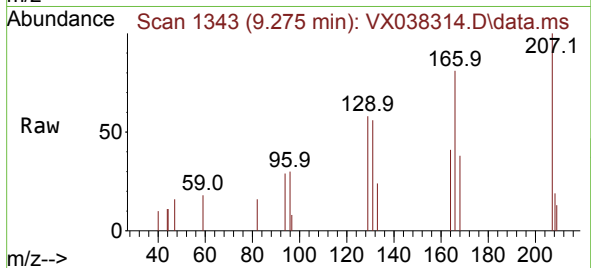
Lab File: VX038314.D

Acq: 16 Oct 2023 19:13

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:164 Resp: 513

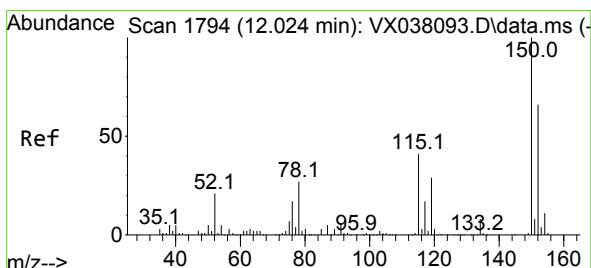
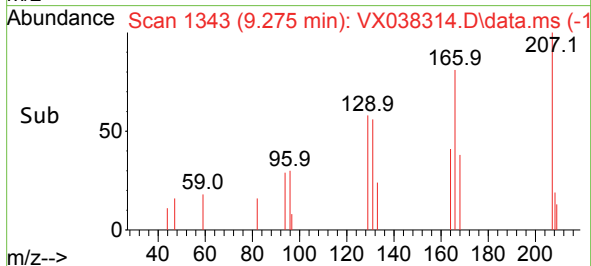
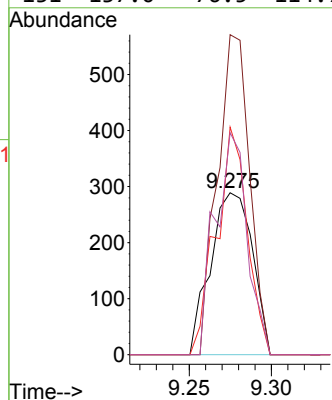
Ion Ratio Lower Upper

164 100

166 197.6 102.7 154.1#

129 140.5 80.4 120.6#

131 137.0 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: VX038314.D

Acq: 16 Oct 2023 19:13

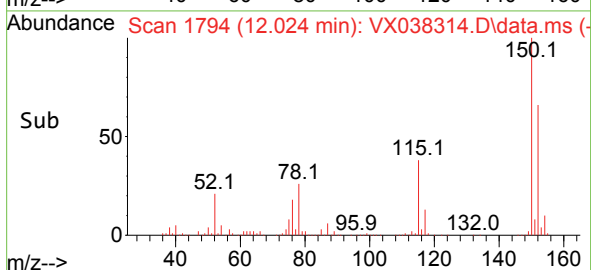
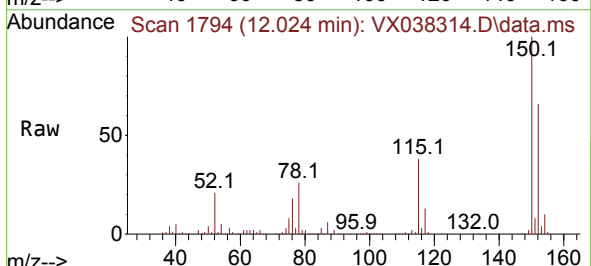
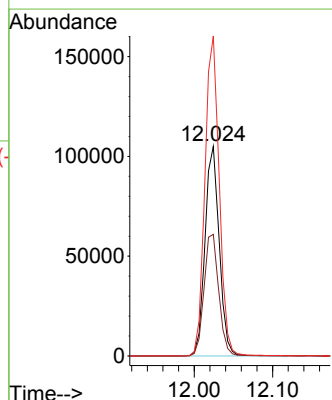
Tgt Ion:152 Resp: 132278

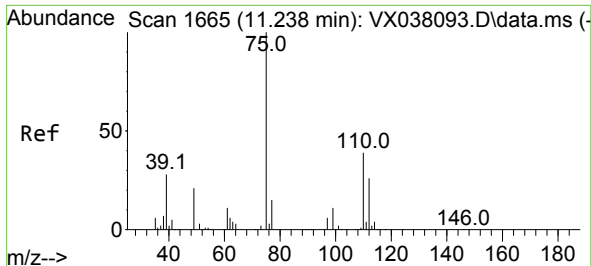
Ion Ratio Lower Upper

152 100

115 60.2 43.3 129.9

150 153.4 0.0 345.0

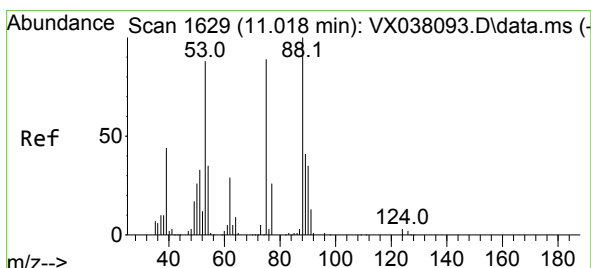
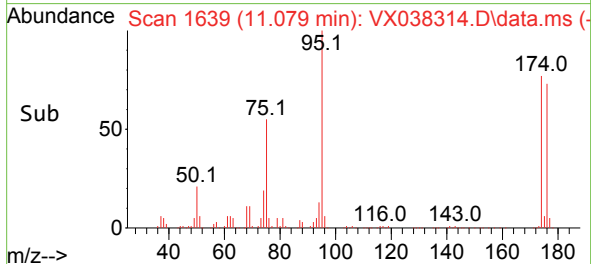
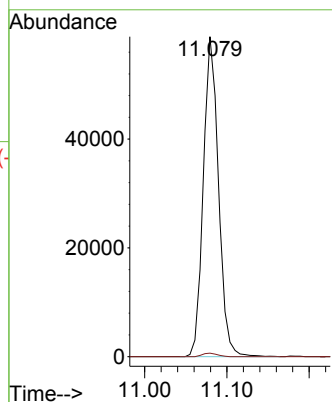
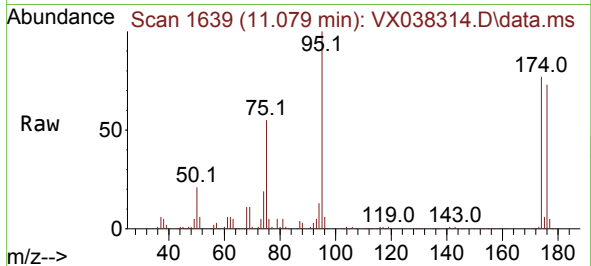




#76
1,2,3-Trichloropropane
Concen: 25.092 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038314.D
Acq: 16 Oct 2023 19:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 75456
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.390 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038314.D
Acq: 16 Oct 2023 19:13

Tgt Ion: 75 Resp: 75456
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#

