

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
 Data File : VX037628.D
 Acq On : 09 Sep 2023 15:24
 Operator : JC/MD
 Sample : 04315-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOWER-2

Quant Time: Sep 11 01:23:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 06:38:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

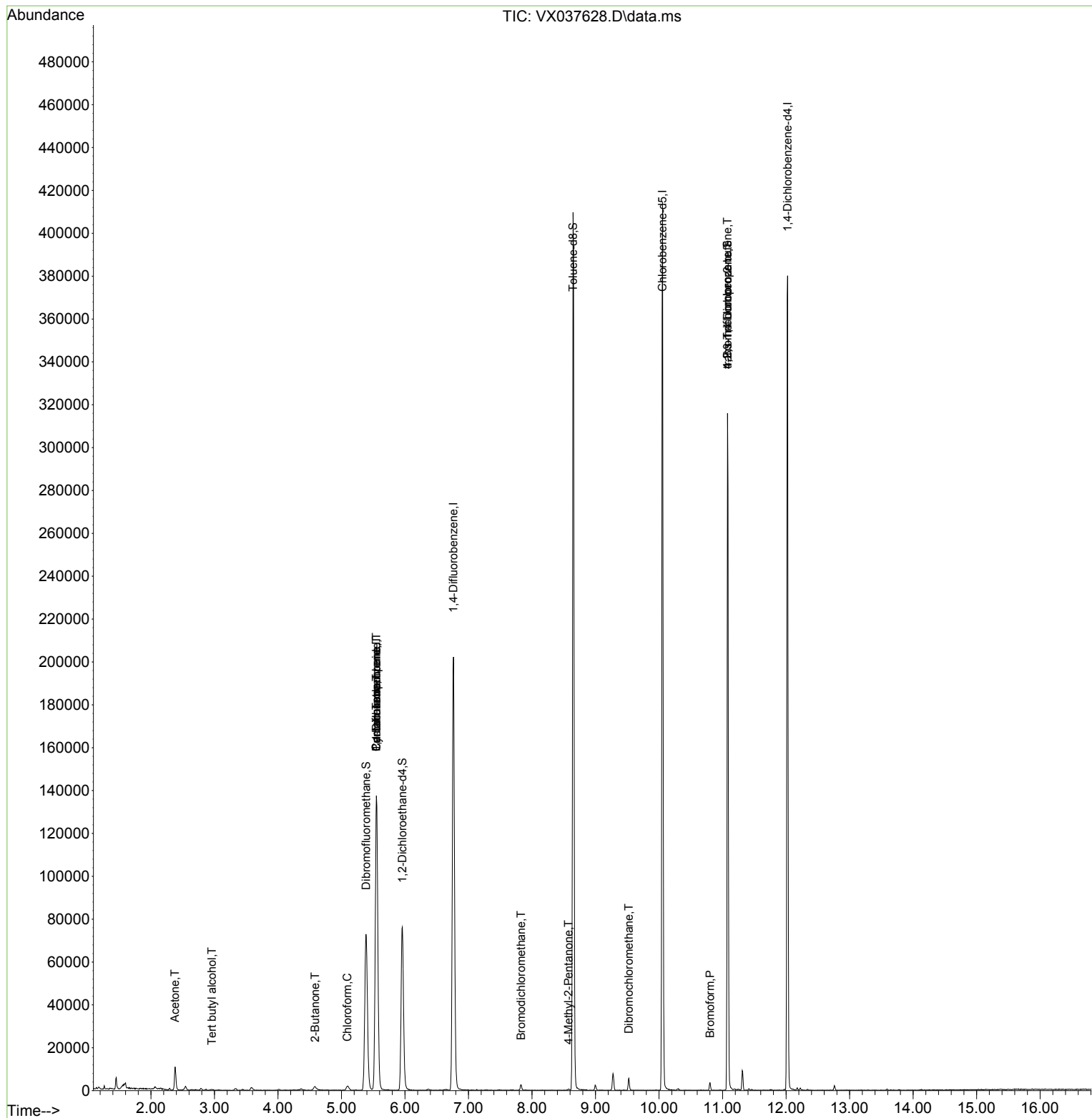
Internal Standards						
1) Pentafluorobenzene	5.550	168	132792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	220318	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74013	41.290	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.580%
35) Dibromofluoromethane	5.385	113	67268	43.653	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.300%
50) Toluene-d8	8.647	98	255199	45.153	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.300%#
62) 4-Bromofluorobenzene	11.079	95	90112	42.304	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.600%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	473	1.179	ug/l #	78
16) Acetone	2.380	43	11125	15.092	ug/l #	85
20) Methylene Chloride	2.788	84	414	Below Cal	#	82
25) 2-Butanone	4.586	43	2049	1.833	ug/l	92
30) Chloroform	5.092	83	2783	0.940	ug/l	97
31) Cyclohexane	5.550	56	2239	1.027	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9639	4.735	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13750	6.535	ug/l #	16
47) Bromodichloromethane	7.830	83	1980	0.941	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	876	0.441	ug/l #	37
60) Dibromochloromethane	9.525	129	2675	1.588	ug/l	99
71) Bromoform	10.805	173	1507	1.457	ug/l #	92
76) 1,2,3-Trichloropropane	11.079	75	42284	21.361	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	42284	63.860	ug/l #	5

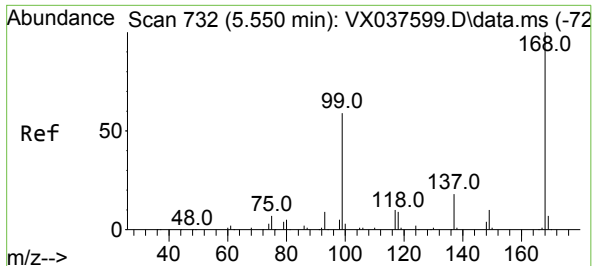
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

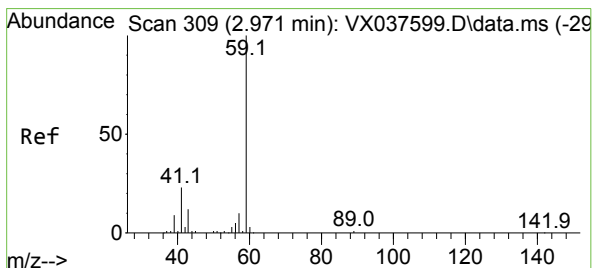
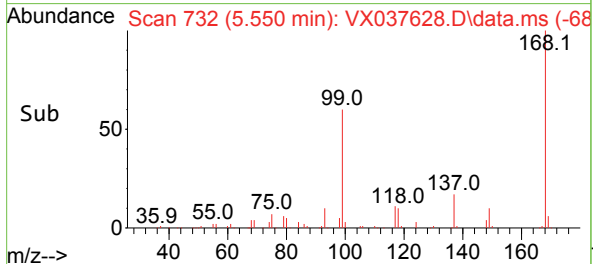
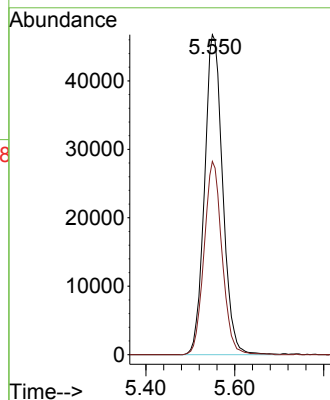
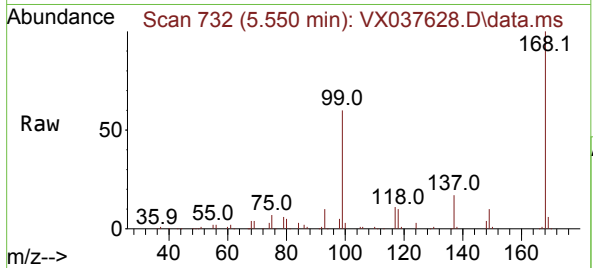




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037628.D
Acq: 09 Sep 2023 15:24

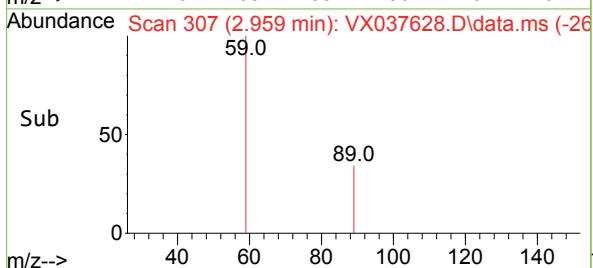
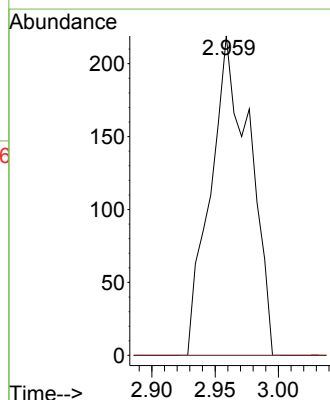
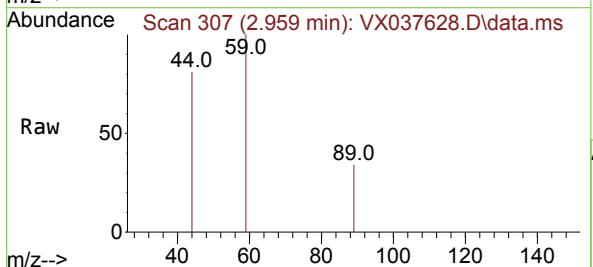
Instrument :
MSVOA_X
ClientSampleId :
TOWER-2

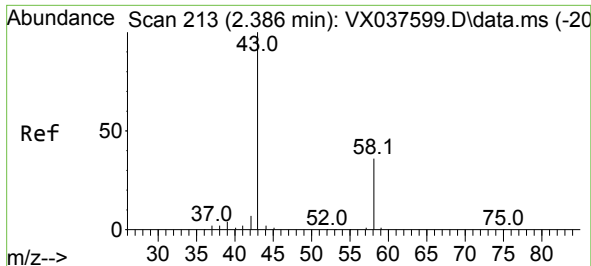
Tgt Ion:168 Resp: 132792
Ion Ratio Lower Upper
168 100
99 60.4 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.179 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX037628.D
Acq: 09 Sep 2023 15:24

Tgt Ion: 59 Resp: 473
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 15.092 ug/l

RT: 2.380 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX037628.D

Acq: 09 Sep 2023 15:24

Instrument :

MSVOA_X

ClientSampleId :

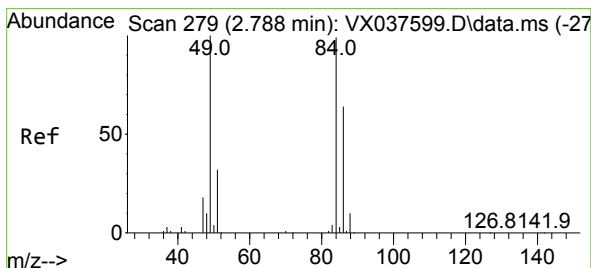
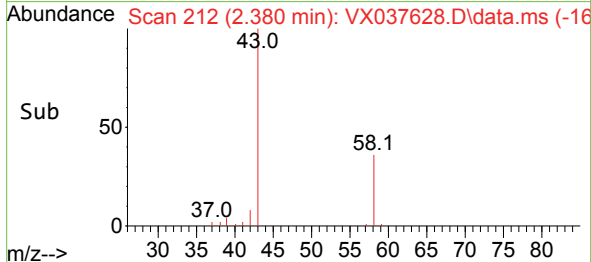
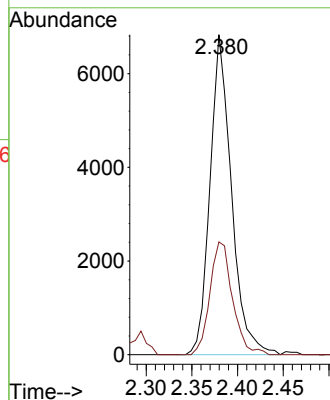
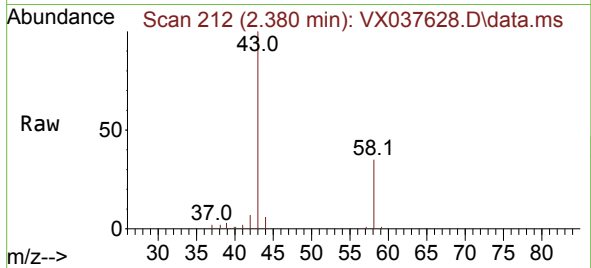
TOWER-2

Tgt Ion: 43 Resp: 11125

Ion Ratio Lower Upper

43 100

58 35.3 21.9 32.9#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX037628.D

Acq: 09 Sep 2023 15:24

Tgt Ion: 84 Resp: 414

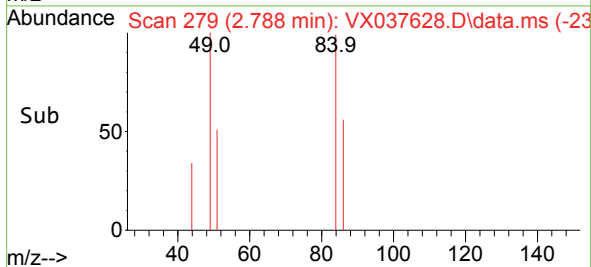
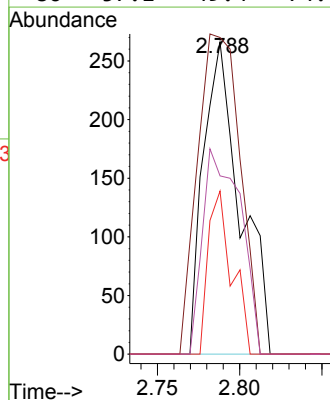
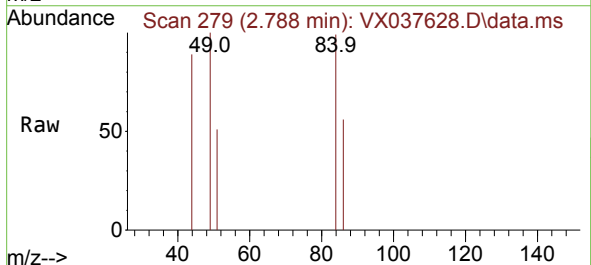
Ion Ratio Lower Upper

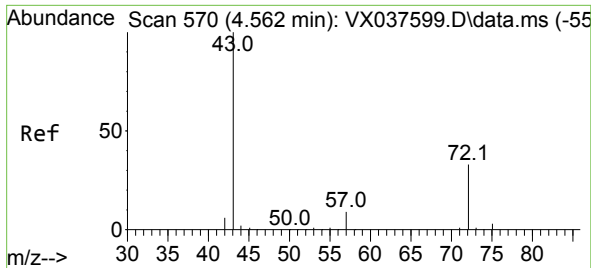
84 100

49 101.5 103.6 155.4#

51 52.3 33.8 50.6#

86 57.1 49.4 74.0

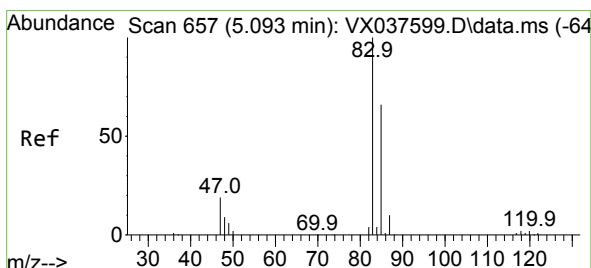
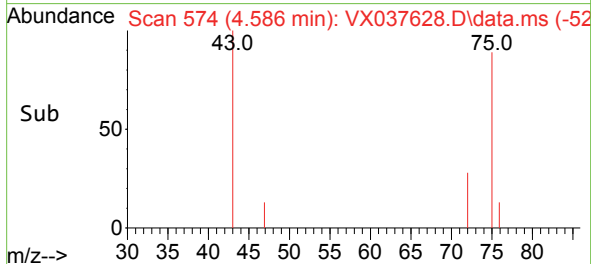
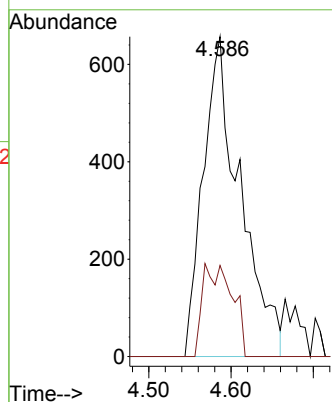
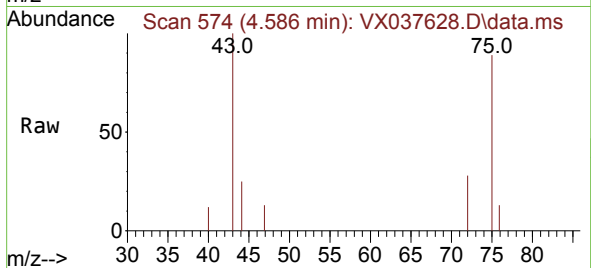




#25
2-Butanone
Concen: 1.833 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX037628.D
Acq: 09 Sep 2023 15:24

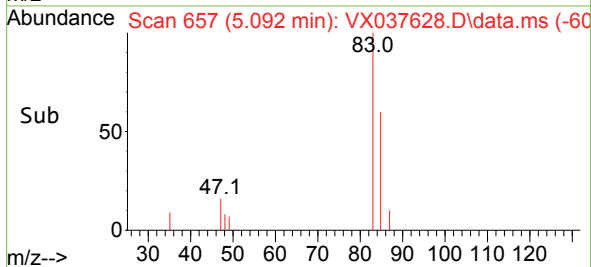
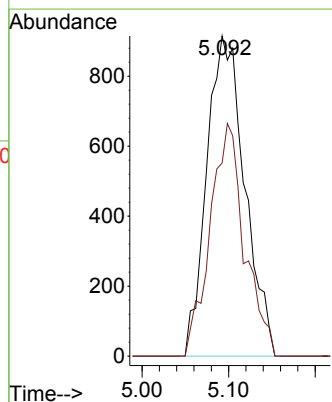
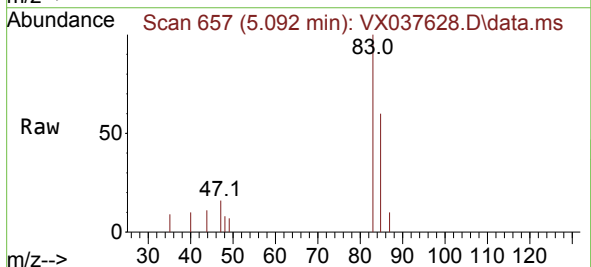
Instrument :
MSVOA_X
ClientSampleId :
TOWER-2

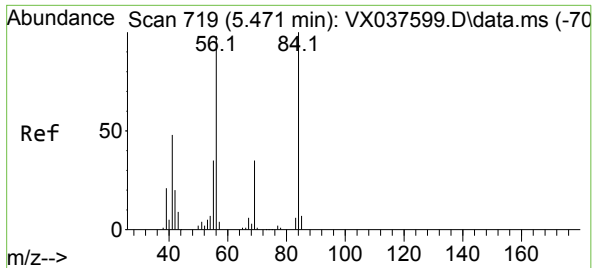
Tgt Ion: 43 Resp: 2049
Ion Ratio Lower Upper
43 100
72 28.5 19.4 29.2



#30
Chloroform
Concen: 0.940 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX037628.D
Acq: 09 Sep 2023 15:24

Tgt Ion: 83 Resp: 2783
Ion Ratio Lower Upper
83 100
85 60.3 50.3 75.5

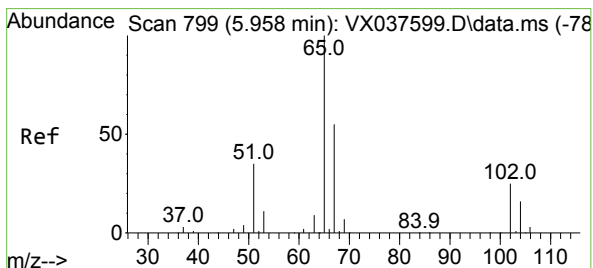
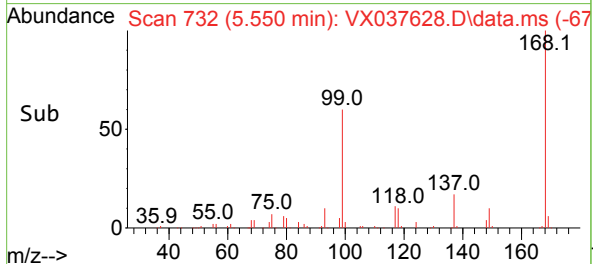
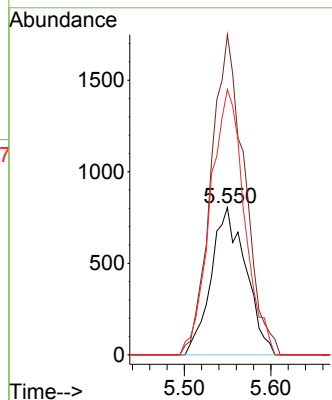
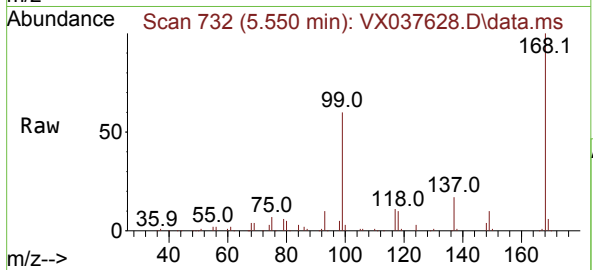




#31
Cyclohexane
Concen: 1.027 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037628.D
Acq: 09 Sep 2023 15:24

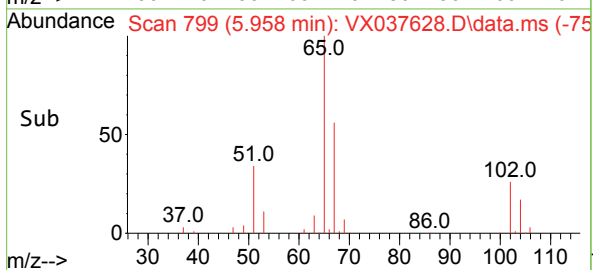
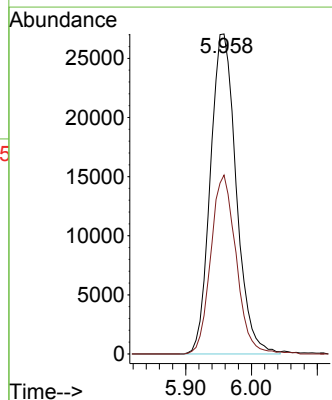
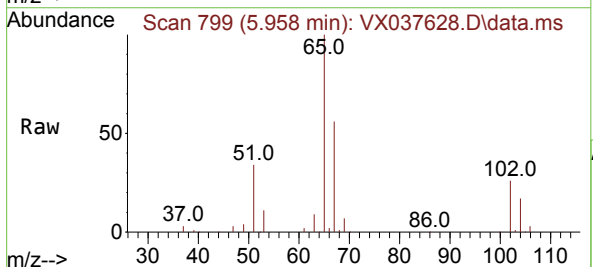
Instrument :
MSVOA_X
ClientSampleId :
TOWER-2

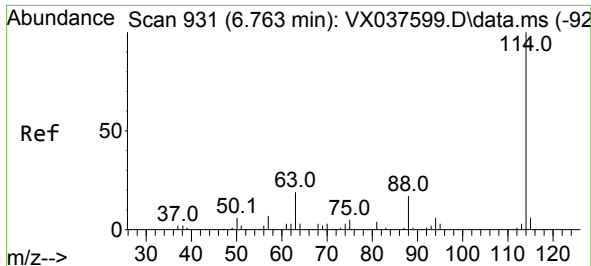
Tgt Ion: 56 Resp: 2239
Ion Ratio Lower Upper
56 100
69 217.3 23.4 35.2#
84 180.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 41.290 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037628.D
Acq: 09 Sep 2023 15:24

Tgt Ion: 65 Resp: 74013
Ion Ratio Lower Upper
65 100
67 54.9 0.0 100.2

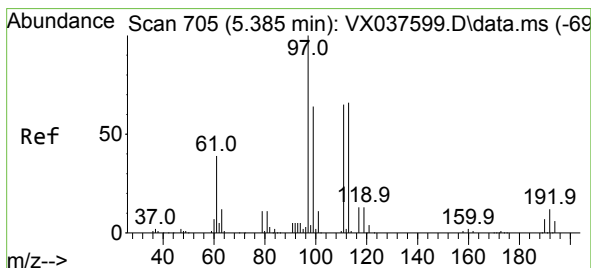
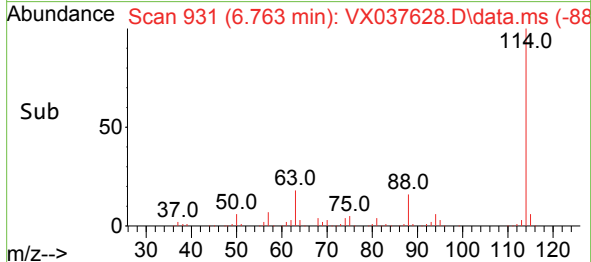
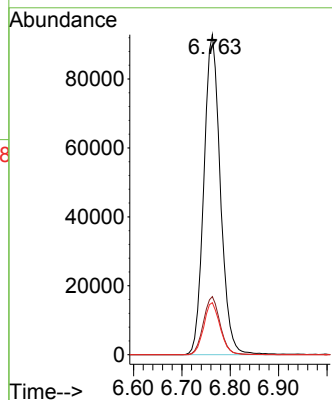
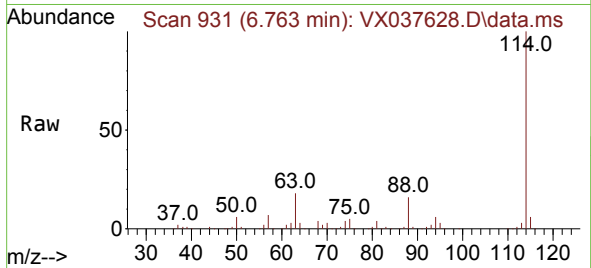




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037628.D
Acq: 09 Sep 2023 15:24

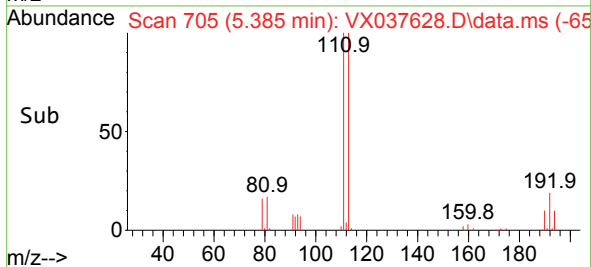
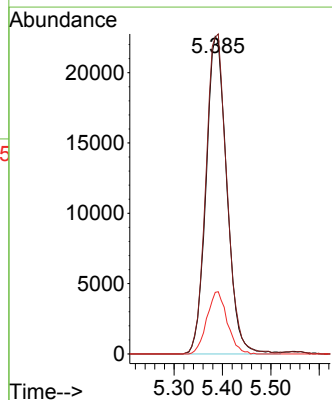
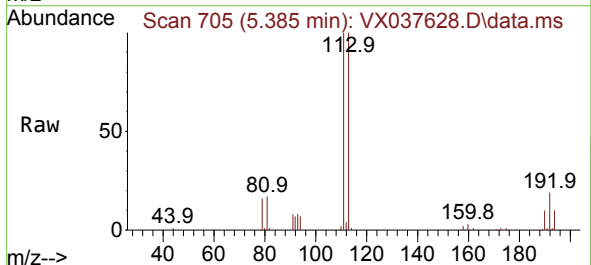
Instrument :
MSVOA_X
ClientSampleId :
TOWER-2

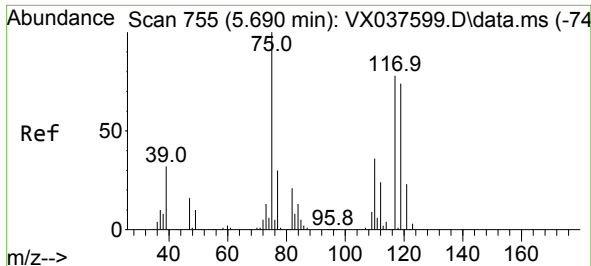
Tgt Ion:114 Resp: 220318
Ion Ratio Lower Upper
114 100
63 18.2 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.653 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037628.D
Acq: 09 Sep 2023 15:24

Tgt Ion:113 Resp: 67268
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 19.3 13.3 19.9

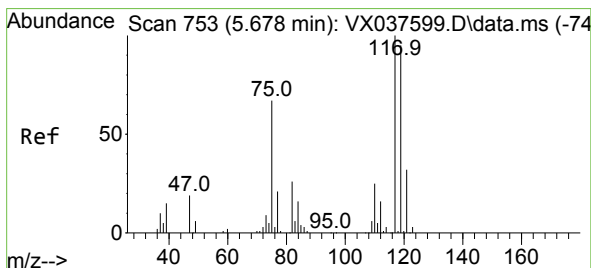
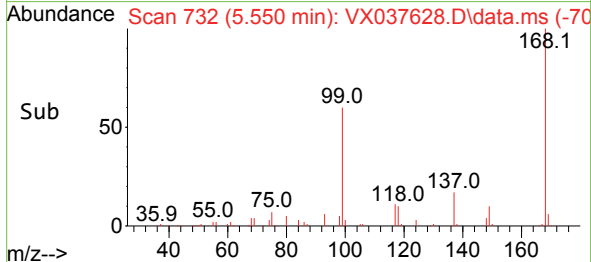
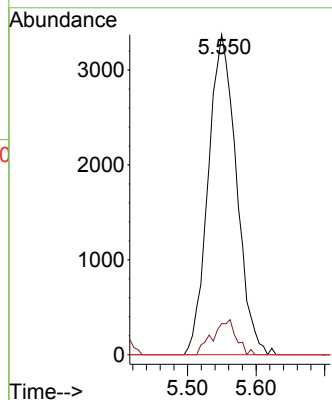
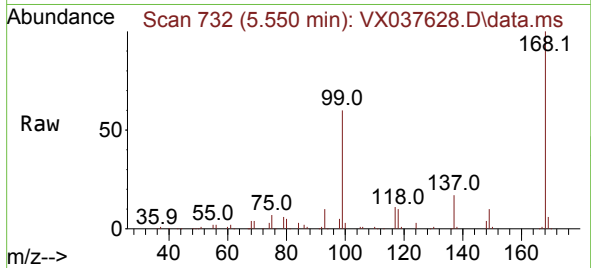




#36
1,1-Dichloropropene
Concen: 4.735 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX037628.D
Acq: 09 Sep 2023 15:24

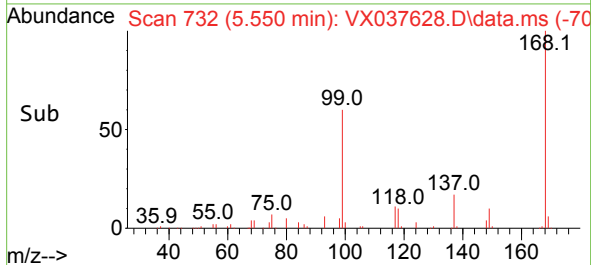
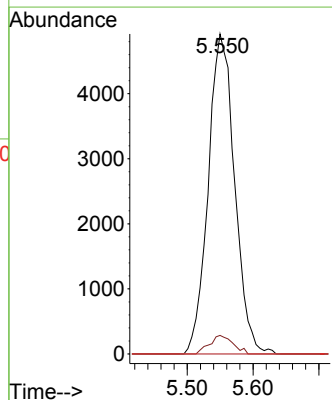
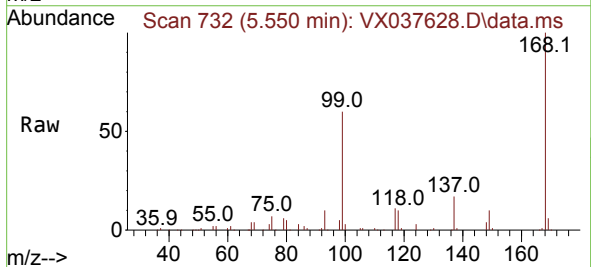
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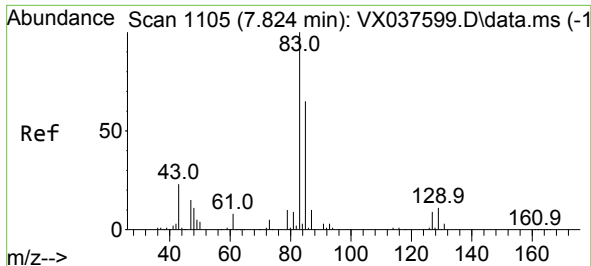
Tgt Ion: 75 Resp: 9639
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.535 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX037628.D
Acq: 09 Sep 2023 15:24

Tgt Ion: 117 Resp: 13750
Ion Ratio Lower Upper
117 100
119 5.8 78.2 117.2#
121 0.0 24.4 36.6#

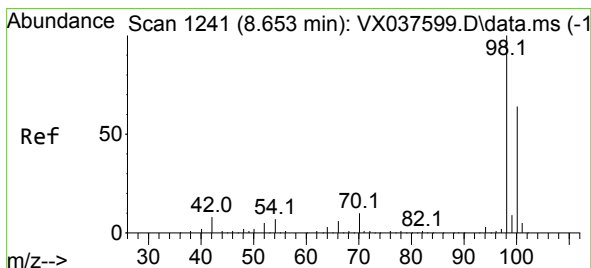
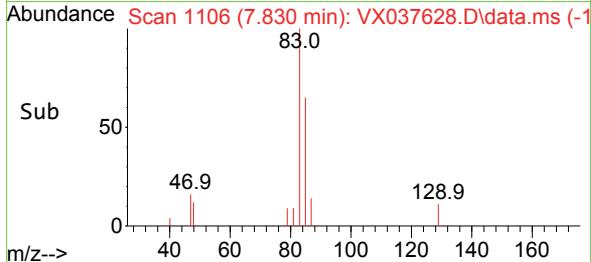
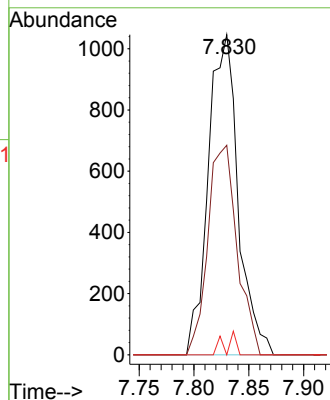
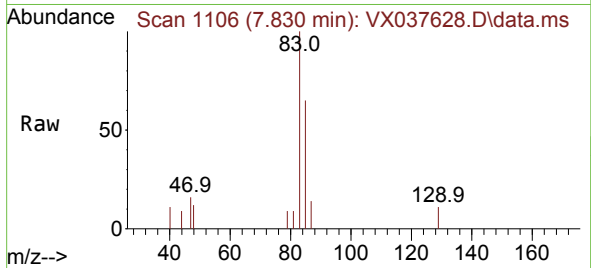




#47
Bromodichloromethane
Concen: 0.941 ug/l
RT: 7.830 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX037628.D
Acq: 09 Sep 2023 15:24

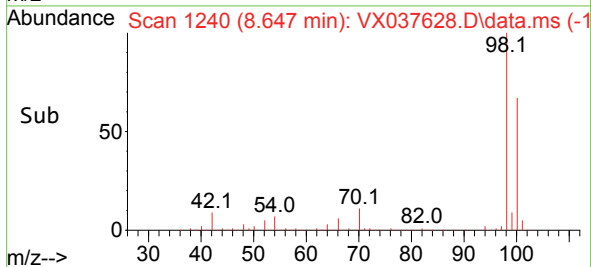
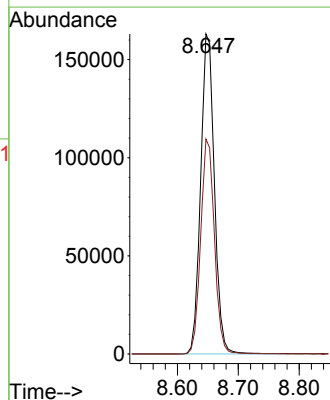
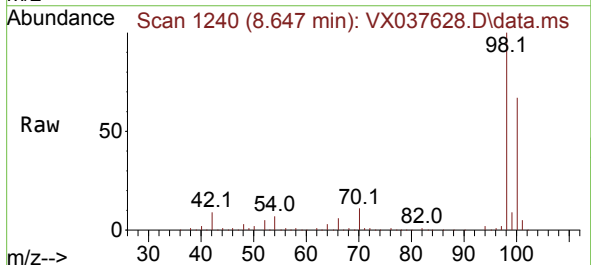
Instrument :
MSVOA_X
ClientSampleId :
TOWER-2

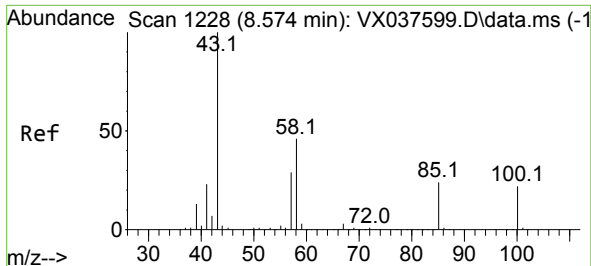
Tgt Ion: 83 Resp: 1980
Ion Ratio Lower Upper
83 100
85 65.5 49.8 74.6
127 0.0 7.1 10.7#



#50
Toluene-d8
Concen: 45.153 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX037628.D
Acq: 09 Sep 2023 15:24

Tgt Ion: 98 Resp: 255199
Ion Ratio Lower Upper
98 100
100 67.5 53.1 79.7

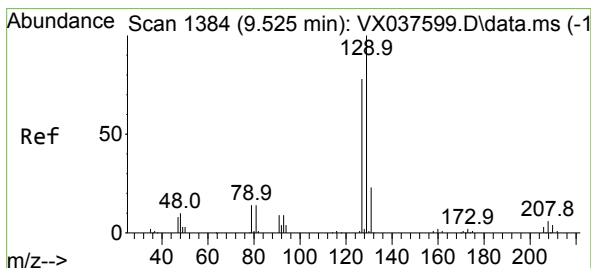
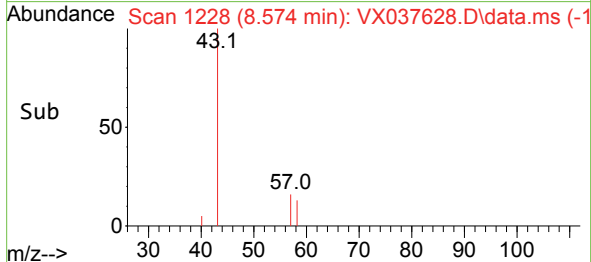
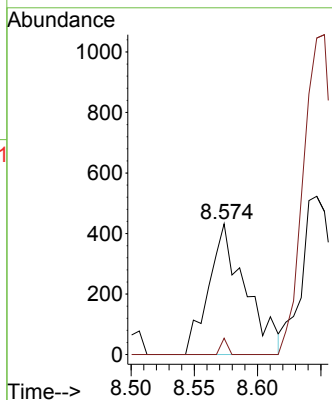
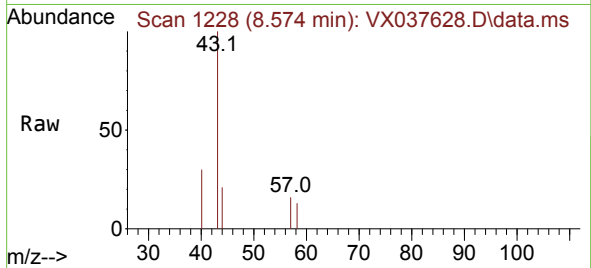




#51
4-Methyl-2-Pentanone
Concen: 0.441 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037628.D
Acq: 09 Sep 2023 15:24

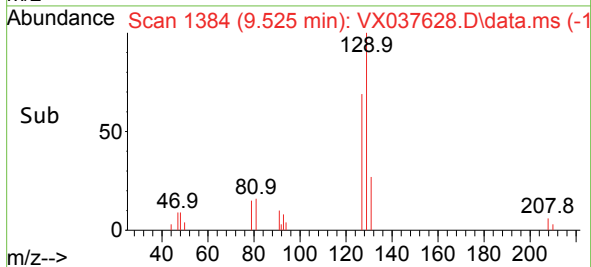
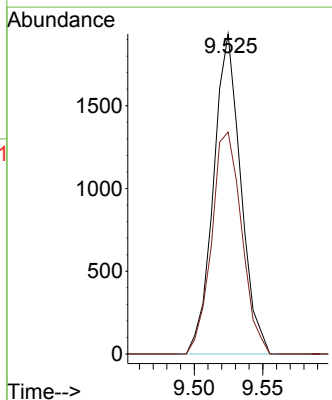
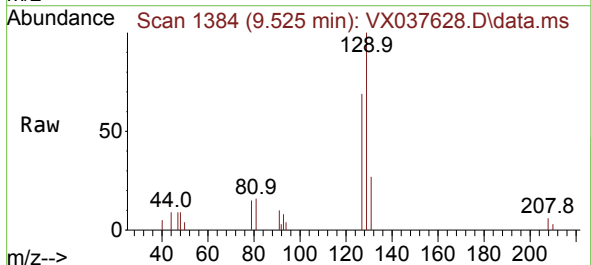
Instrument :
MSVOA_X
ClientSampleId :
TOWER-2

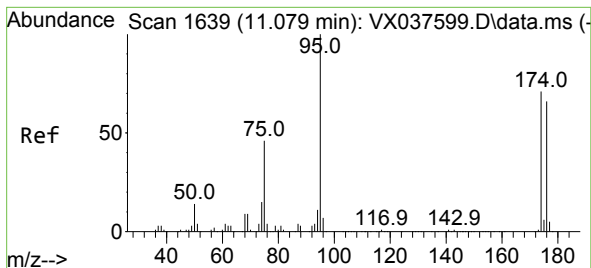
Tgt Ion: 43 Resp: 876
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



#60
Dibromochloromethane
Concen: 1.588 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX037628.D
Acq: 09 Sep 2023 15:24

Tgt Ion: 129 Resp: 2675
Ion Ratio Lower Upper
129 100
127 76.3 38.8 116.4

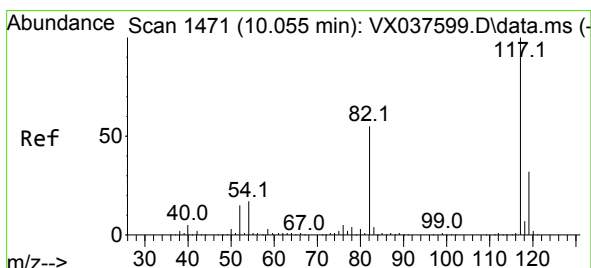
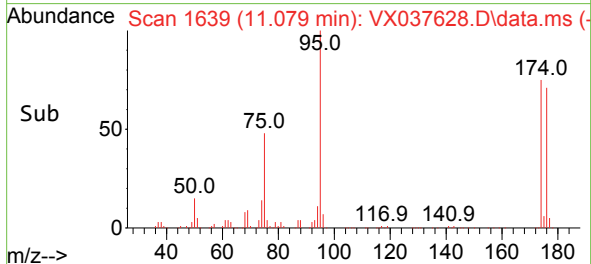
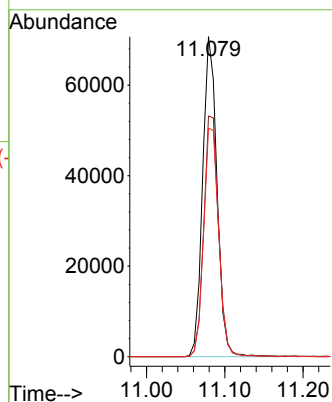
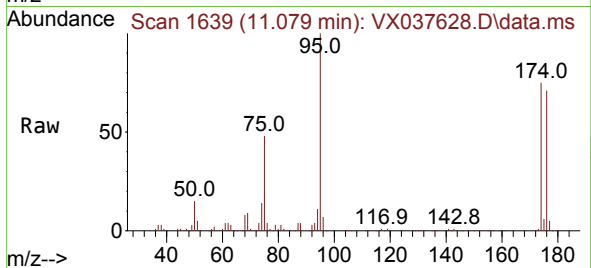




#62
4-Bromofluorobenzene
Concen: 42.304 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037628.D
Acq: 09 Sep 2023 15:24

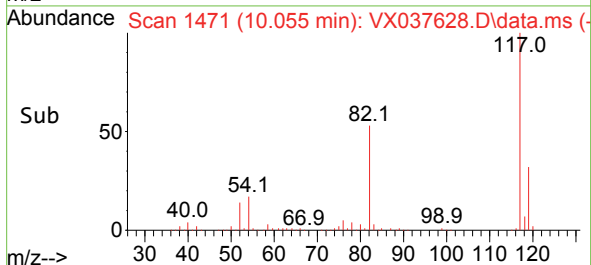
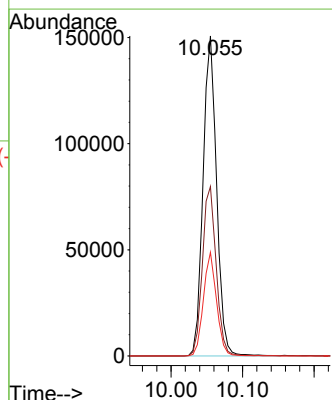
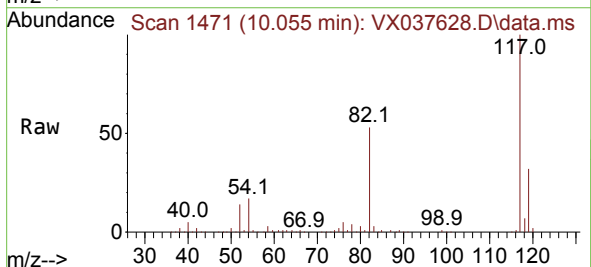
Instrument :
MSVOA_X
ClientSampleId :
TOWER-2

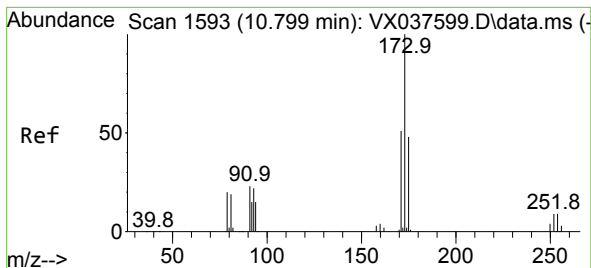
Tgt Ion: 95 Resp: 90112
Ion Ratio Lower Upper
95 100
174 77.6 0.0 135.6
176 74.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037628.D
Acq: 09 Sep 2023 15:24

Tgt Ion: 117 Resp: 198185
Ion Ratio Lower Upper
117 100
82 52.9 46.2 69.4
119 32.4 25.5 38.3





#71

Bromoform

Concen: 1.457 ug/l

RT: 10.805 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX037628.D

Acq: 09 Sep 2023 15:24

Instrument :

MSVOA_X

ClientSampleId :

TOWER-2

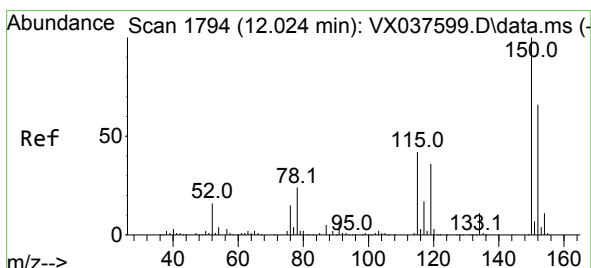
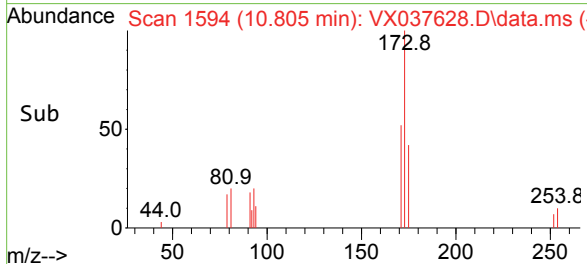
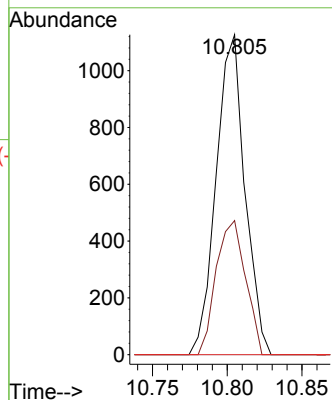
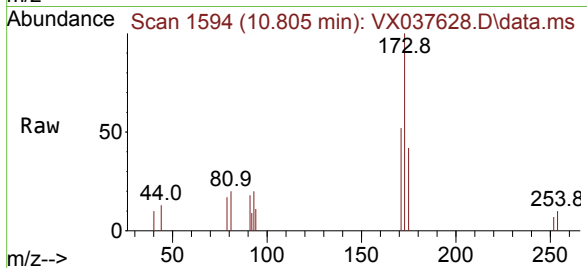
Tgt Ion:173 Resp: 1507

Ion Ratio Lower Upper

173 100

175 42.7 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX037628.D

Acq: 09 Sep 2023 15:24

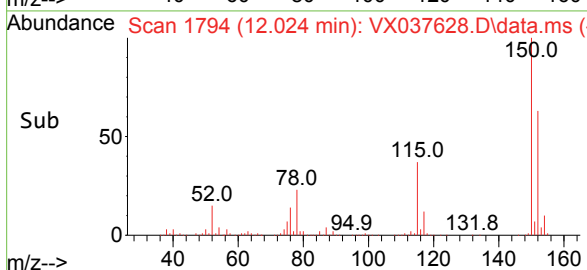
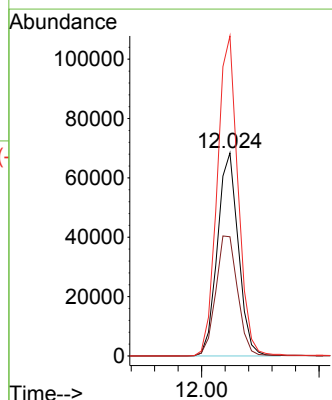
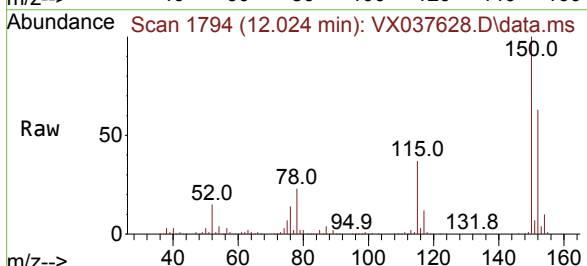
Tgt Ion:152 Resp: 84556

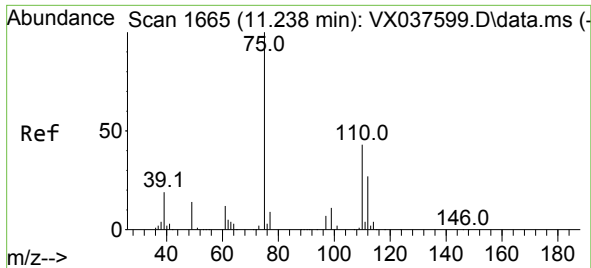
Ion Ratio Lower Upper

152 100

115 62.2 43.3 129.9

150 157.7 0.0 345.0

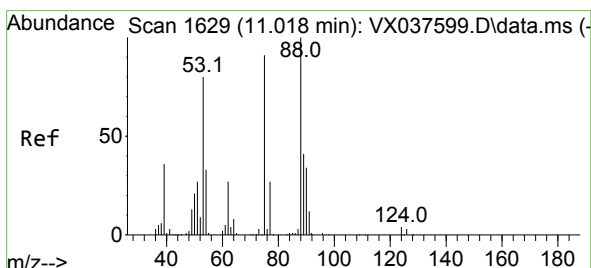
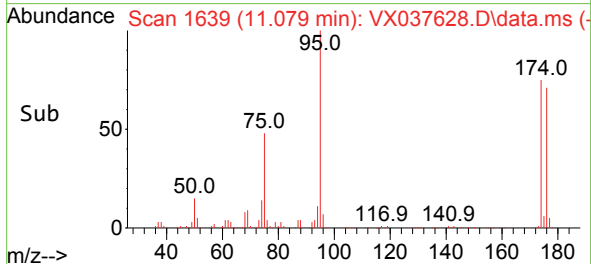
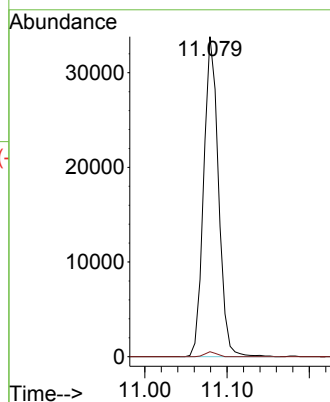
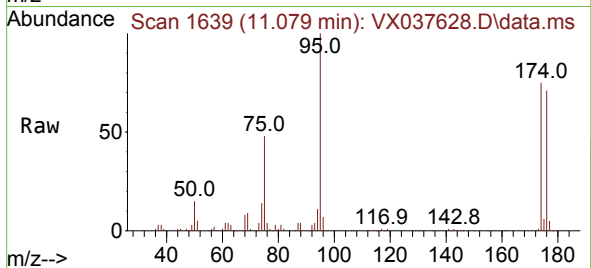




#76
1,2,3-Trichloropropane
Concen: 21.361 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037628.D
Acq: 09 Sep 2023 15:24

Instrument :
MSVOA_X
ClientSampleId :
TOWER-2

Tgt Ion: 75 Resp: 42284
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.860 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037628.D
Acq: 09 Sep 2023 15:24

Tgt Ion: 75 Resp: 42284
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

