

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
 Data File : VW029561.D
 Acq On : 12 Jul 2024 19:32
 Operator : SY/MD
 Sample : P3230-06
 Misc : 7.99g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BHB37

Quant Time: Jul 12 23:29:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 12 23:17:28 2024
 Response via : Initial Calibration

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

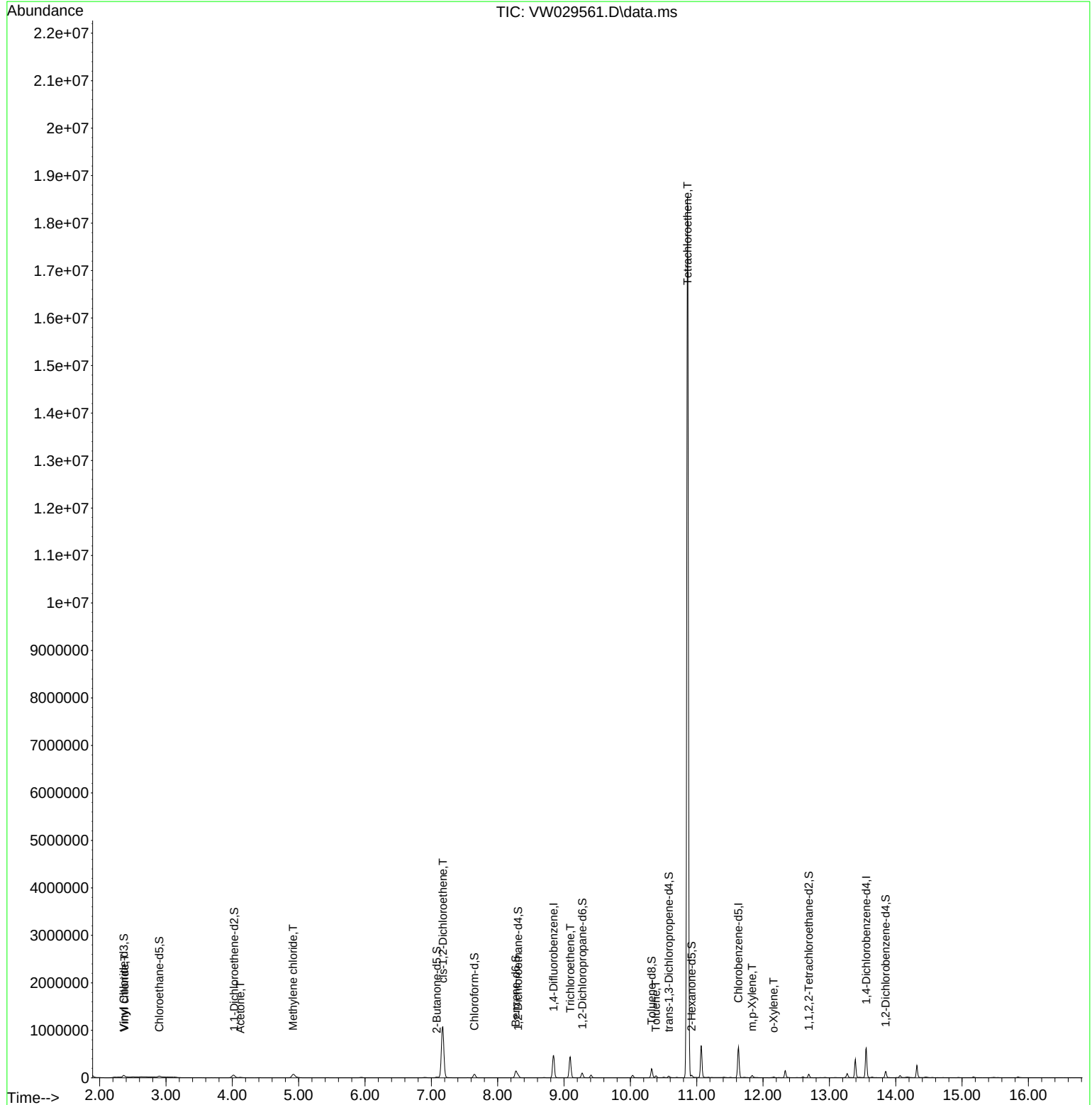
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	382150	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	334314	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	155113	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	39617	6.417	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	25.680%#		
7) Chloroethane-d5	2.899	69	28613	6.437	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	25.760%#		
11) 1,1-Dichloroethene-d2	4.027	65	17872	6.447	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	25.800%#		
21) 2-Butanone-d5	7.081	46	23742	12.812	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	25.620%		
24) Chloroform-d	7.648	84	72716	6.582	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	26.320%#		
26) 1,2-Dichloroethane-d4	8.307	65	43032	6.641	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	26.560%#		
32) Benzene-d6	8.270	84	144423	7.211	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	28.840%		
36) 1,2-Dichloropropane-d6	9.276	67	46403	7.247	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	29.000%#		
41) Toluene-d8	10.319	98	119127	6.764	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	27.040%#		
43) trans-1,3-Dichloroprop...	10.581	79	16537	6.099	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	24.400%#		
47) 2-Hexanone-d5	10.922	63	15669	13.466	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	26.940%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	36143	6.952	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	27.800%#		
66) 1,2-Dichlorobenzene-d4	13.848	152	33040	6.116	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	24.480%#		
Target Compounds						Qvalue
5) Vinyl chloride	2.375	62	12866	2.252	ug/L	96
13) Acetone	4.118	43	14483	7.743	ug/L	48
16) Methylene chloride	4.917	84	63094	9.222	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	619625	107.706	ug/L	94
34) Trichloroethene	9.093	95	155320	28.119	ug/L	98
42) Toluene	10.386	91	26197	1.224	ug/L	99
46) Tetrachloroethene	10.861	164	3932662	1002.134	ug/L	88
53) m,p-Xylene	11.837	106	6701	0.753	ug/L	85
54) o-Xylene	12.160	106	3168	0.385	ug/L	86

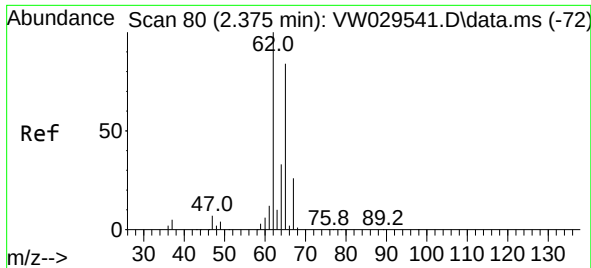
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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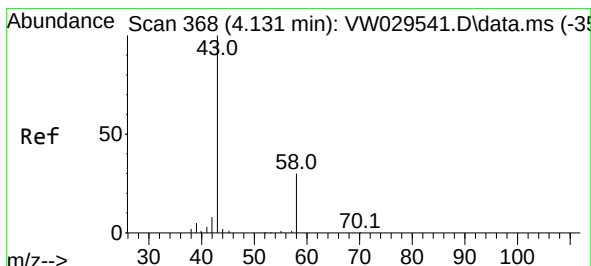
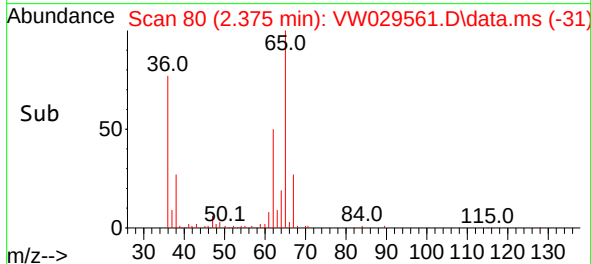
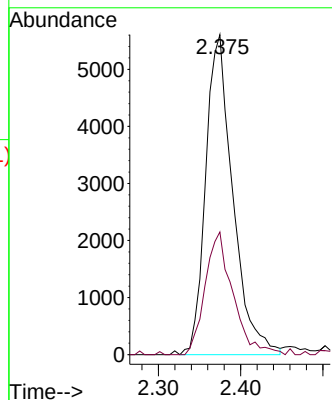
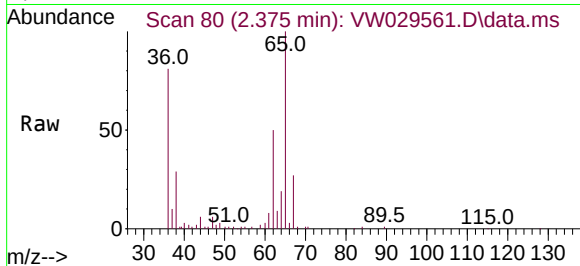




#5
 Vinyl chloride
 Concen: 2.252 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029561.D
 Acq: 12 Jul 2024 19:32

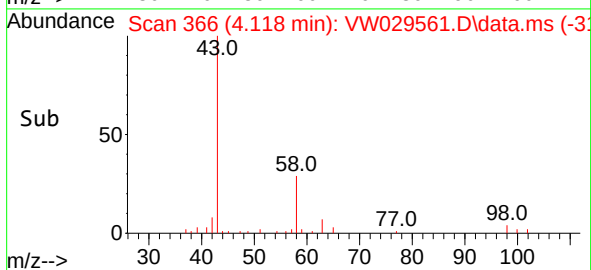
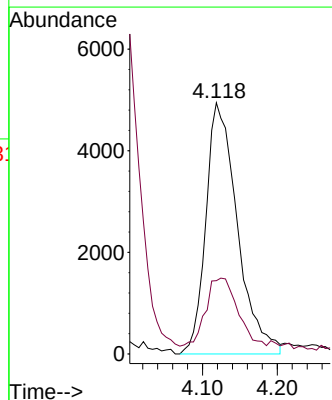
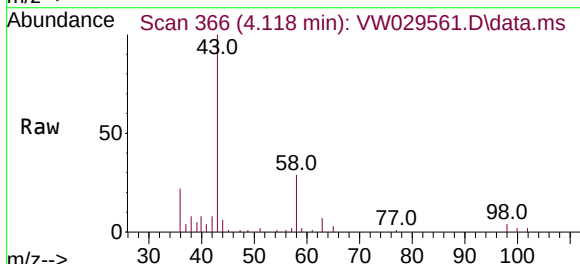
Instrument :
 MSVOA_W
 ClientSampleId :
 BHB37

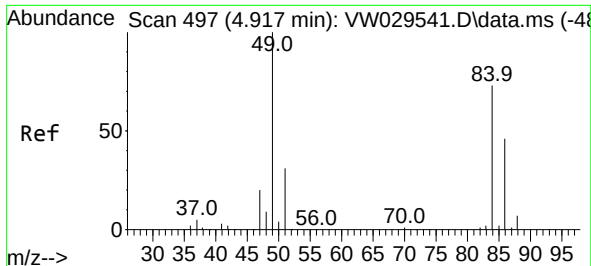
Tgt Ion: 62 Resp: 12866
 Ion Ratio Lower Upper
 62 100
 64 38.3 25.1 46.5



#13
 Acetone
 Concen: 7.743 ug/L
 RT: 4.118 min Scan# 366
 Delta R.T. -0.012 min
 Lab File: VW029561.D
 Acq: 12 Jul 2024 19:32

Tgt Ion: 43 Resp: 14483
 Ion Ratio Lower Upper
 43 100
 58 0.4 0.0 55.6

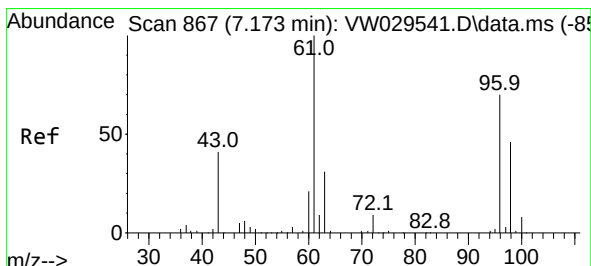
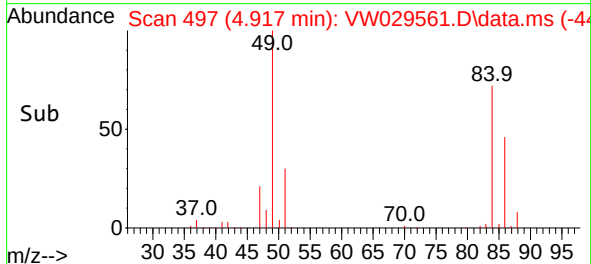
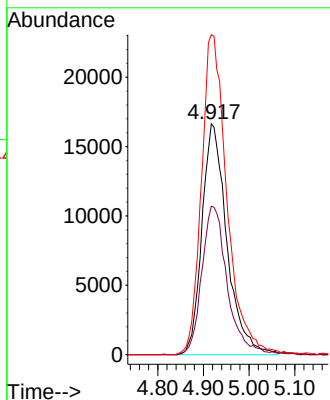
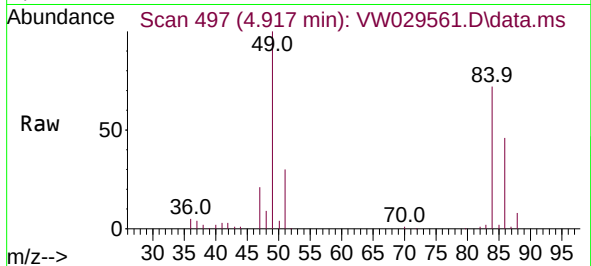




#16
Methylene chloride
Concen: 9.222 ug/L
RT: 4.917 min Scan# 49
Delta R.T. -0.000 min
Lab File: VW029561.D
Acq: 12 Jul 2024 19:32

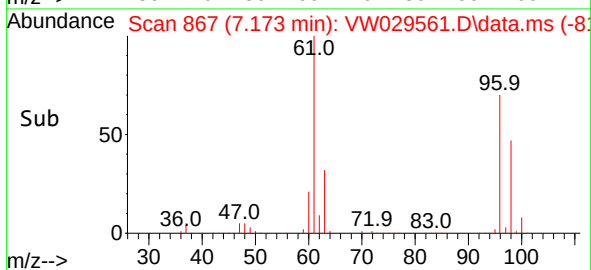
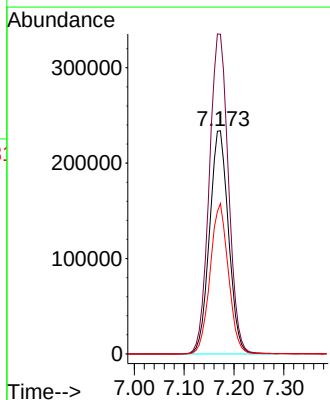
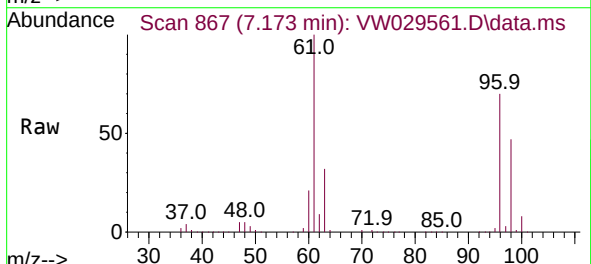
Instrument :
MSVOA_W
ClientSampleId :
BHB37

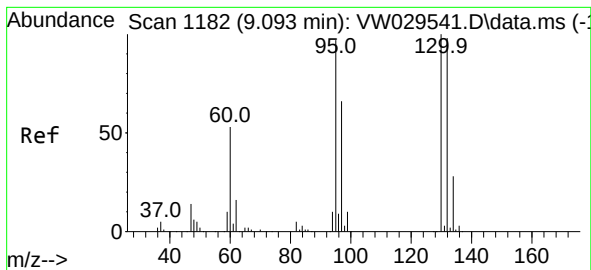
Tgt Ion: 84 Resp: 63094
Ion Ratio Lower Upper
84 100
86 64.3 46.2 85.8
49 138.6 96.7 179.7



#20
cis-1,2-Dichloroethene
Concen: 107.706 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW029561.D
Acq: 12 Jul 2024 19:32

Tgt Ion: 96 Resp: 619625
Ion Ratio Lower Upper
96 100
61 143.2 97.4 180.8
98 67.4 41.6 77.2





#34

Trichloroethene

Concen: 28.119 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW029561.D

Acq: 12 Jul 2024 19:32

Instrument :

MSVOA_W

ClientSampleId :

BHB37

Tgt Ion: 95 Resp: 155320

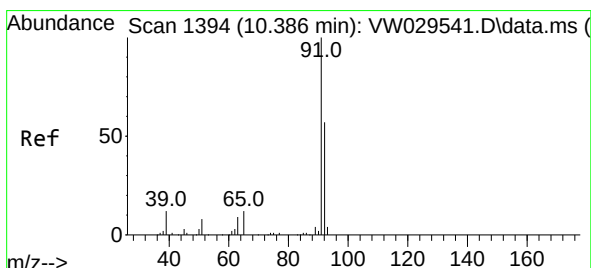
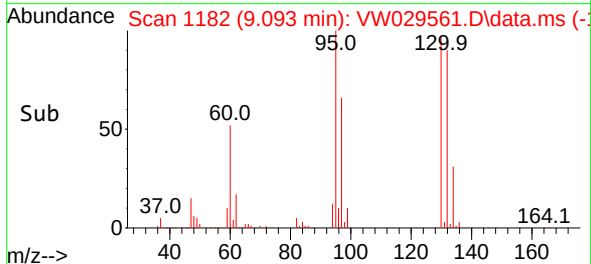
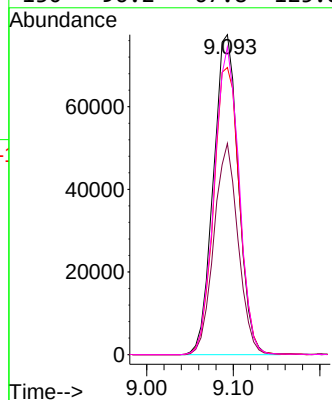
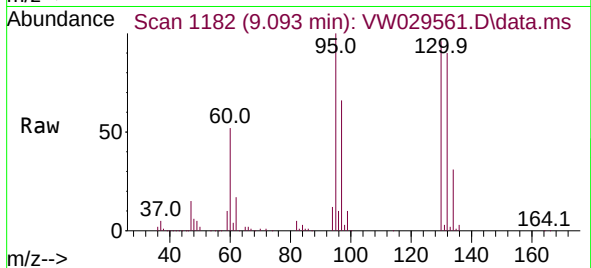
Ion Ratio Lower Upper

95 100

97 66.0 47.3 87.9

132 89.7 65.8 122.2

130 96.2 67.8 125.8



#42

Toluene

Concen: 1.224 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029561.D

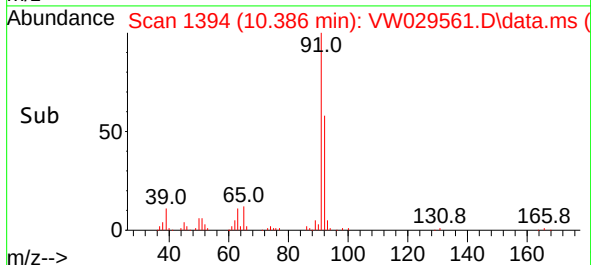
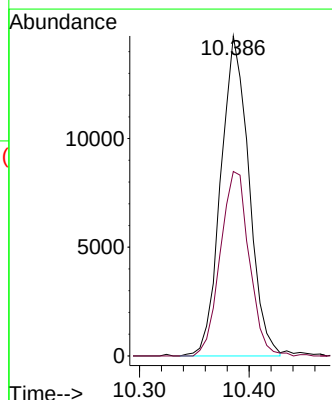
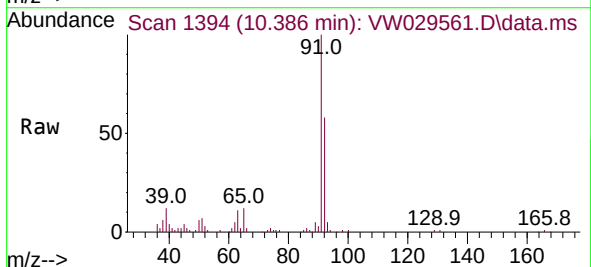
Acq: 12 Jul 2024 19:32

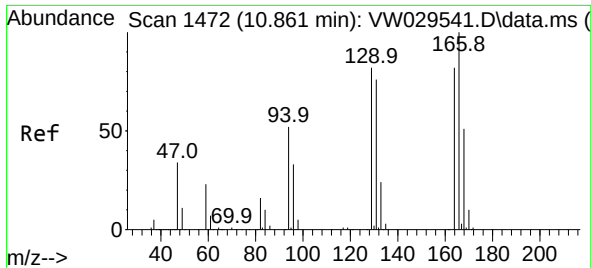
Tgt Ion: 91 Resp: 26197

Ion Ratio Lower Upper

91 100

92 57.6 41.1 76.3

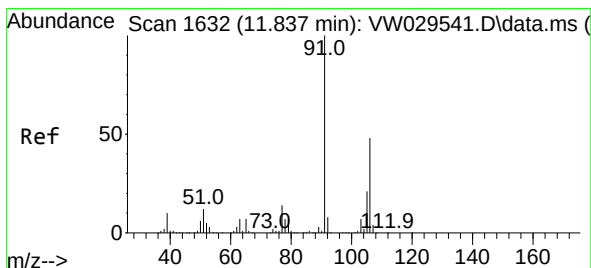
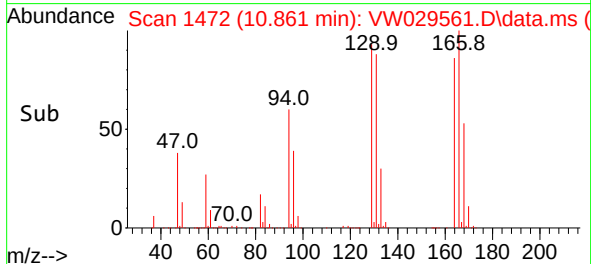
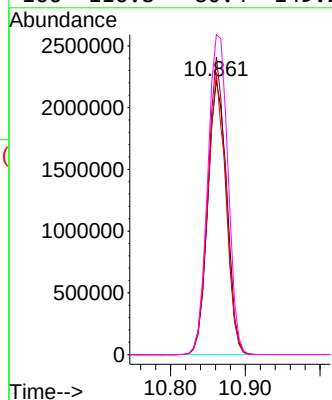
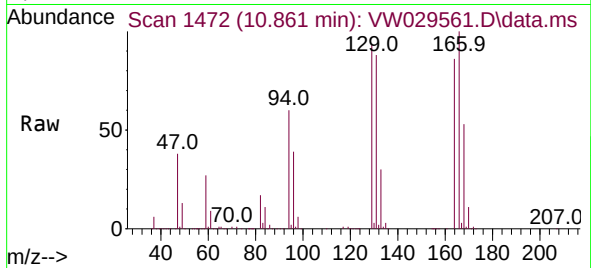




#46
Tetrachloroethene
Concen: 1002.134 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW029561.D
Acq: 12 Jul 2024 19:32

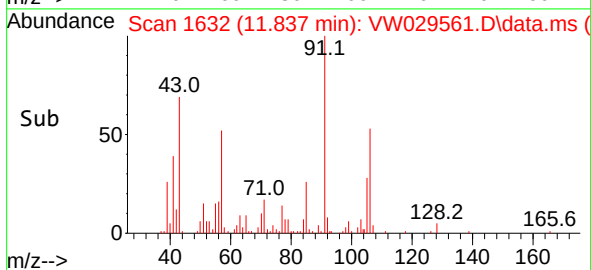
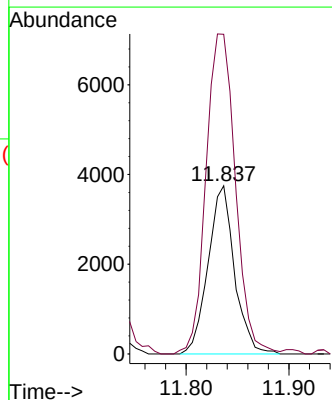
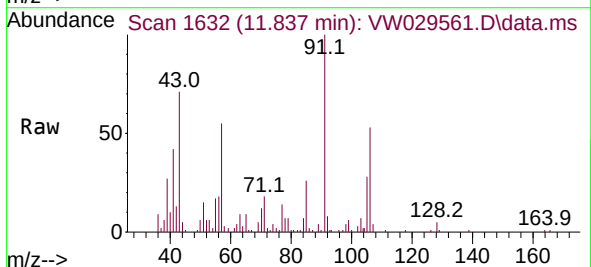
Instrument :
MSVOA_W
ClientSampleId :
BHB37

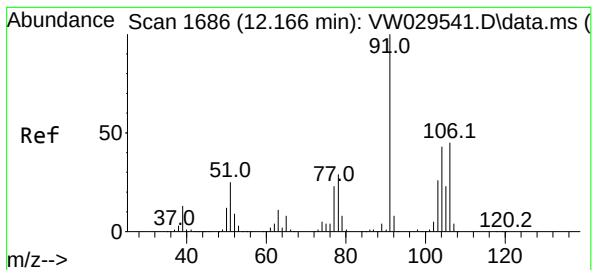
Tgt Ion:164 Resp: 3932662
Ion Ratio Lower Upper
164 100
129 108.6 60.0 111.4
131 102.9 64.6 120.0
166 116.8 80.4 149.2



#53
m,p-Xylene
Concen: 0.753 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029561.D
Acq: 12 Jul 2024 19:32

Tgt Ion:106 Resp: 6701
Ion Ratio Lower Upper
106 100
91 190.2 149.3 277.3





#54
o-Xylene
Concen: 0.385 ug/L
RT: 12.160 min Scan# 10
Delta R.T. -0.006 min
Lab File: VW029561.D
Acq: 12 Jul 2024 19:32

Instrument :
MSVOA_W
ClientSampleId :
BHB37

Tgt Ion:106 Resp: 3168
Ion Ratio Lower Upper
106 100
91 204.8 159.2 295.6

