

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037635.D
 Acq On : 28 Sep 2024 02:01
 Operator : SY/MD
 Sample : P4185-16
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

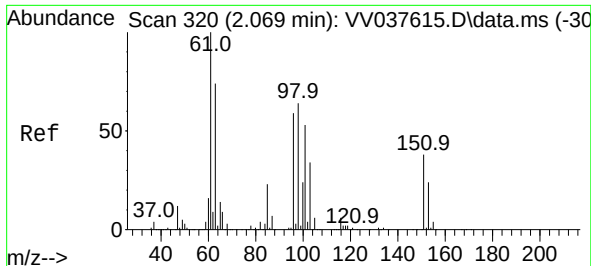
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 04:23:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 28 00:49:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	591889	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	583072	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	260960	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	184284	35.468	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.940%		
7) Chloroethane-d5	1.532	69	162575	40.310	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.620%		
11) 1,1-Dichloroethene-d2	2.060	65	87112	40.130	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.260%		
21) 2-Butanone-d5	3.796	46	149901	80.999	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	81.000%		
24) Chloroform-d	4.243	84	395313	42.764	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.520%		
26) 1,2-Dichloroethane-d4	4.937	65	241448	44.624	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.240%		
32) Benzene-d6	4.953	84	773279	42.382	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.760%		
36) 1,2-Dichloropropane-d6	5.982	67	252043	43.382	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.760%		
41) Toluene-d8	7.239	98	677154	40.929	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.860%		
43) trans-1,3-Dichloroprop...	7.551	79	102922	38.134	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.260%		
47) 2-Hexanone-d5	8.024	63	87572	71.382	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	71.380%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	276904	41.019	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.040%		
66) 1,2-Dichlorobenzene-d4	11.554	152	260350	47.345	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.700%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	21535	5.465	ug/L #	1
19) 1,1-Dichloroethane	3.108	63	208856	26.149	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	32665	7.002	ug/L	97
30) 1,1,1-Trichloroethane	4.506	97	95297	13.270	ug/L	99
31) Carbon tetrachloride	4.510	117	11926	1.910	ug/L	94
34) Trichloroethene	5.834	95	30298	6.470	ug/L	96
39) cis-1,3-Dichloropropene	6.912	75	6493	0.896	ug/L #	61
46) Tetrachloroethene	7.902	164	39957	11.160	ug/L	99

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



#12

1,1-Dichloroethene

Concen: 5.465 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

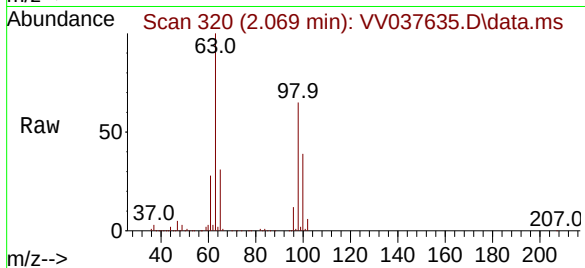
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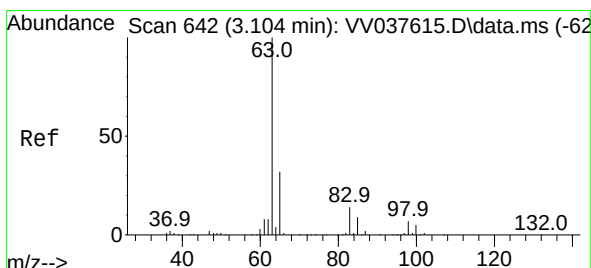
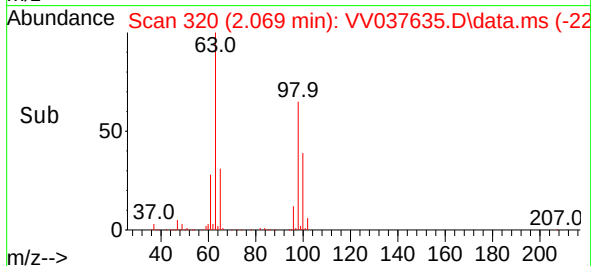
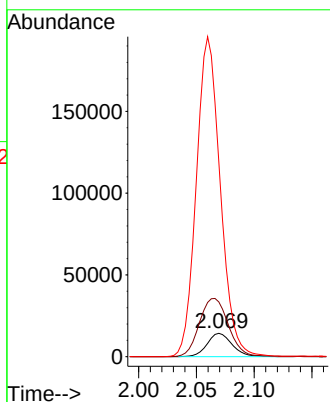
Tgt Ion: 96 Resp: 21535

Ion Ratio Lower Upper

96 100

61 234.0 122.6 227.6#

63 831.5 118.0 219.2#



#19

1,1-Dichloroethane

Concen: 26.149 ug/L

RT: 3.108 min Scan# 643

Delta R.T. 0.003 min

Lab File: VV037635.D

Acq: 28 Sep 2024 02:01

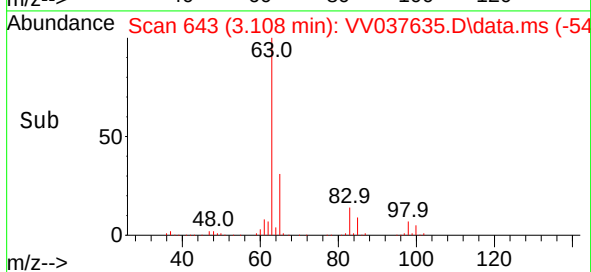
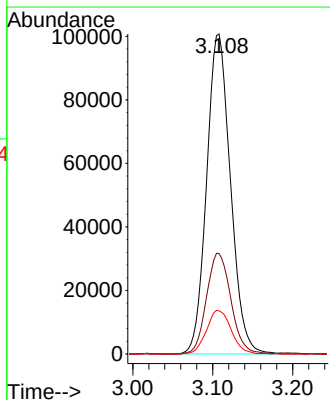
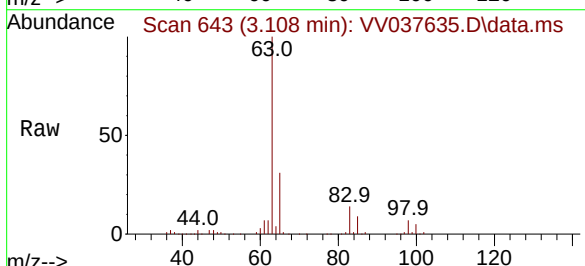
Tgt Ion: 63 Resp: 208856

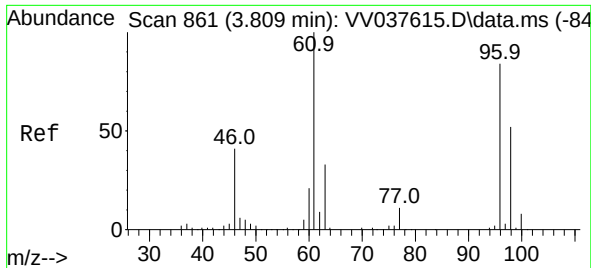
Ion Ratio Lower Upper

63 100

65 31.4 22.4 41.6

83 13.5 9.5 17.7

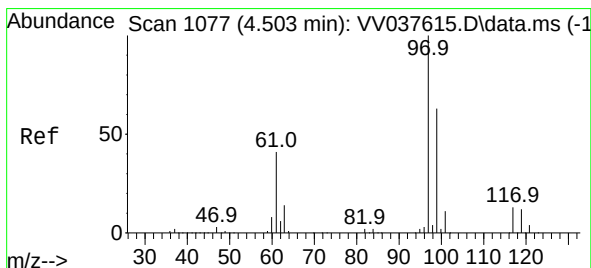
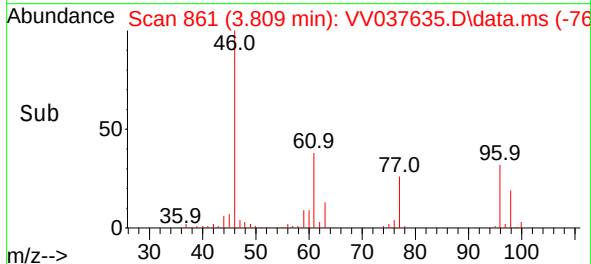
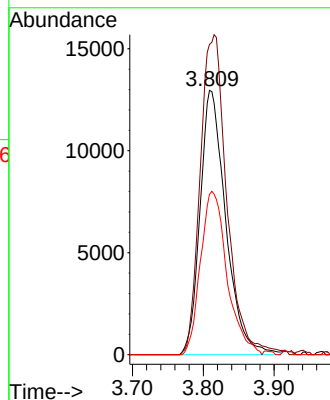
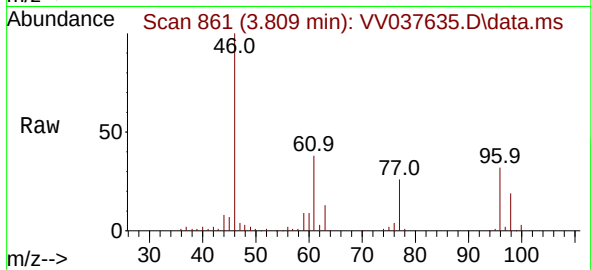




#20
 cis-1,2-Dichloroethene
 Concen: 7.002 ug/L
 RT: 3.809 min Scan# 861
 Delta R.T. 0.000 min
 Lab File: VV037635.D
 Acq: 28 Sep 2024 02:01

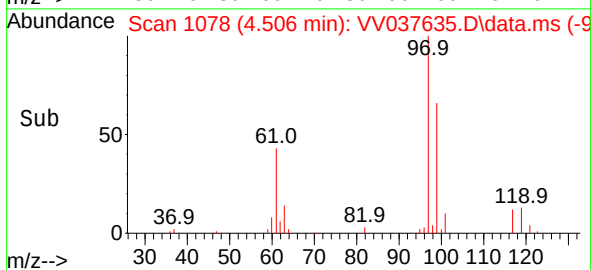
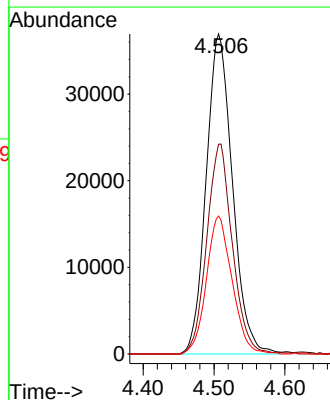
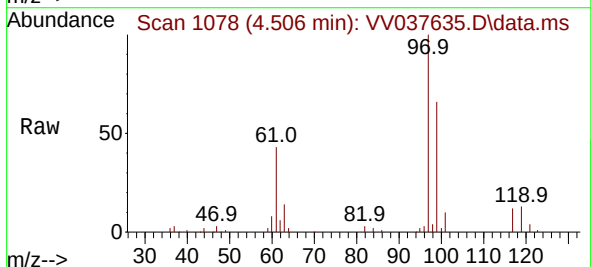
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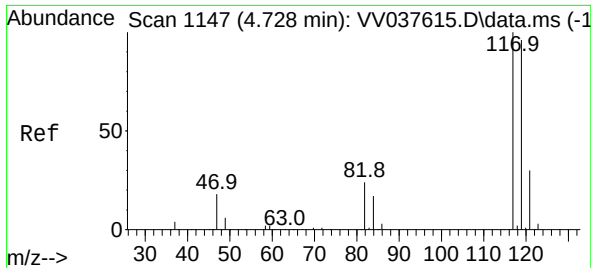
Tgt Ion: 96 Resp: 32665
 Ion Ratio Lower Upper
 96 100
 61 117.4 85.0 157.8
 98 60.7 44.2 82.0



#30
 1,1,1-Trichloroethane
 Concen: 13.270 ug/L
 RT: 4.506 min Scan# 1078
 Delta R.T. 0.003 min
 Lab File: VV037635.D
 Acq: 28 Sep 2024 02:01

Tgt Ion: 97 Resp: 95297
 Ion Ratio Lower Upper
 97 100
 99 63.8 51.8 77.6
 61 42.0 33.6 50.4

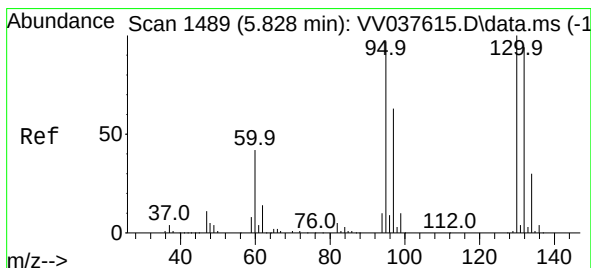
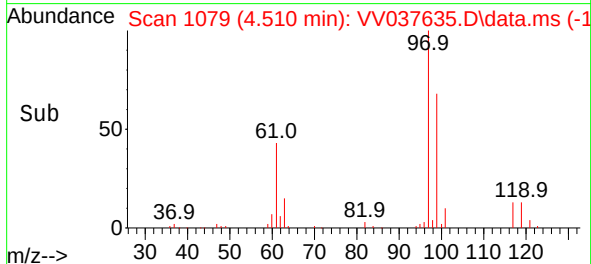
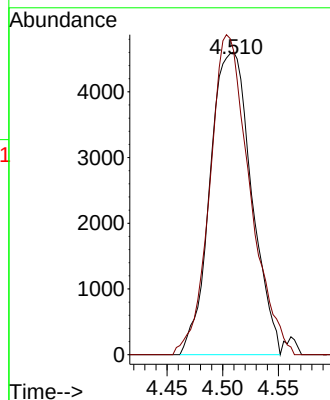
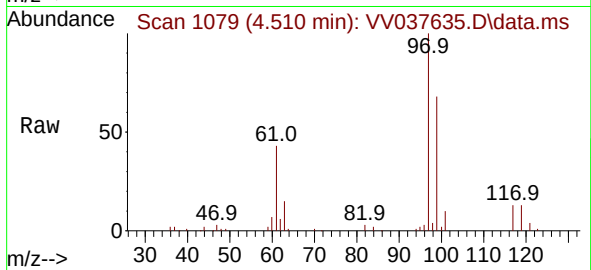




#31
Carbon tetrachloride
Concen: 1.910 ug/L
RT: 4.510 min Scan# 1147
Delta R.T. -0.219 min
Lab File: VV037635.D
Acq: 28 Sep 2024 02:01

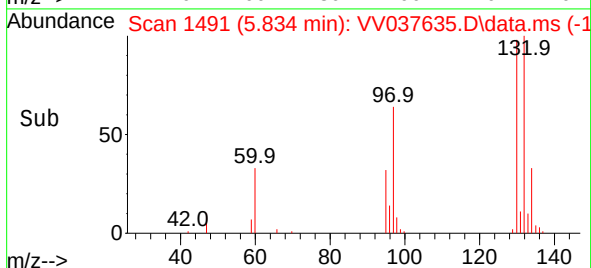
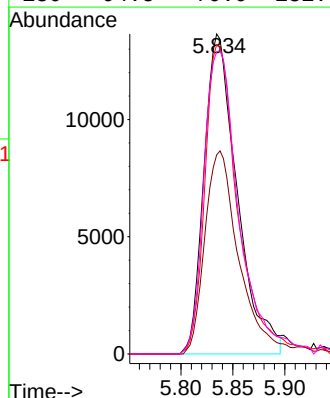
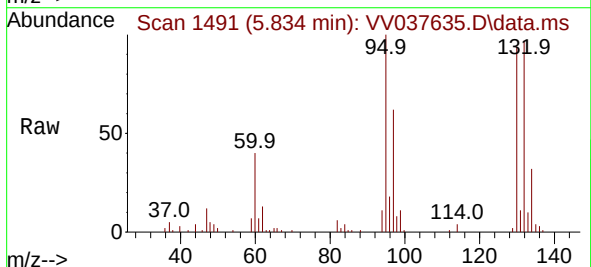
Instrument :
MSVOA_V
ClientSampleId :

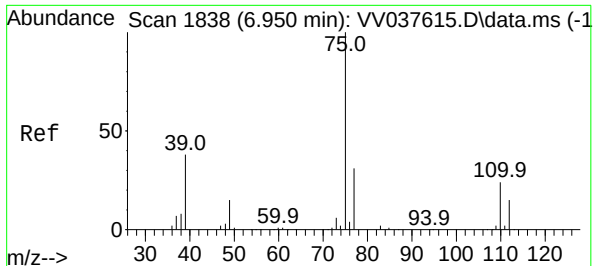
Tgt Ion:117 Resp: 11926
Ion Ratio Lower Upper
117 100
119 101.9 76.9 115.3



#34
Trichloroethene
Concen: 6.470 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.007 min
Lab File: VV037635.D
Acq: 28 Sep 2024 02:01

Tgt Ion: 95 Resp: 30298
Ion Ratio Lower Upper
95 100
97 62.3 46.3 85.9
132 96.7 68.6 127.4
130 94.5 70.9 131.7





#39

cis-1,3-Dichloropropene

Concen: 0.896 ug/L

RT: 6.912 min Scan# 1826

Delta R.T. -0.038 min

Lab File: VV037635.D

Acq: 28 Sep 2024 02:01

Instrument :

MSVOA_V

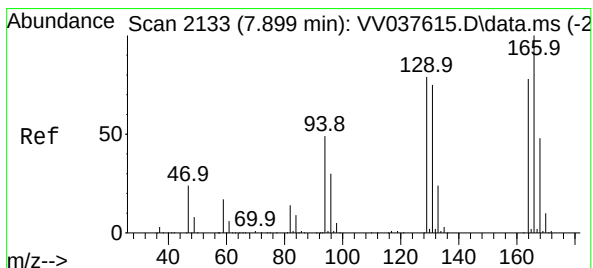
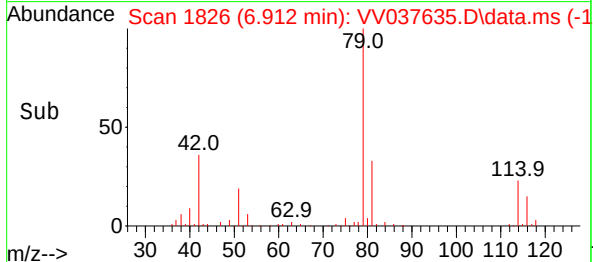
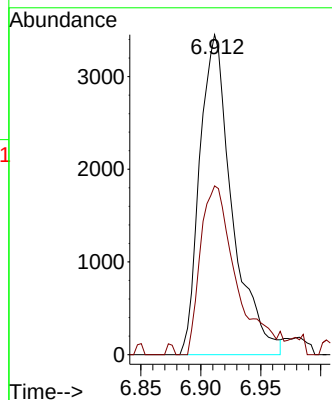
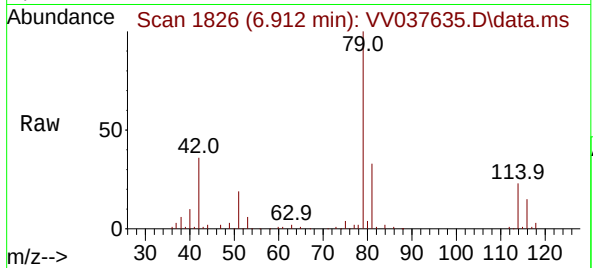
ClientSampleId :

Tgt Ion: 75 Resp: 6493

Ion Ratio Lower Upper

75 100

77 52.8 21.8 40.4#



#46

Tetrachloroethene

Concen: 11.160 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.003 min

Lab File: VV037635.D

Acq: 28 Sep 2024 02:01

Tgt Ion: 164 Resp: 39957

Ion Ratio Lower Upper

164 100

129 97.9 68.2 126.6

131 94.5 66.1 122.8

166 127.2 91.1 169.1

