

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037623.D
 Acq On : 27 Sep 2024 21:44
 Operator : SY/MD
 Sample : P4184-11
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 04:20:10 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)

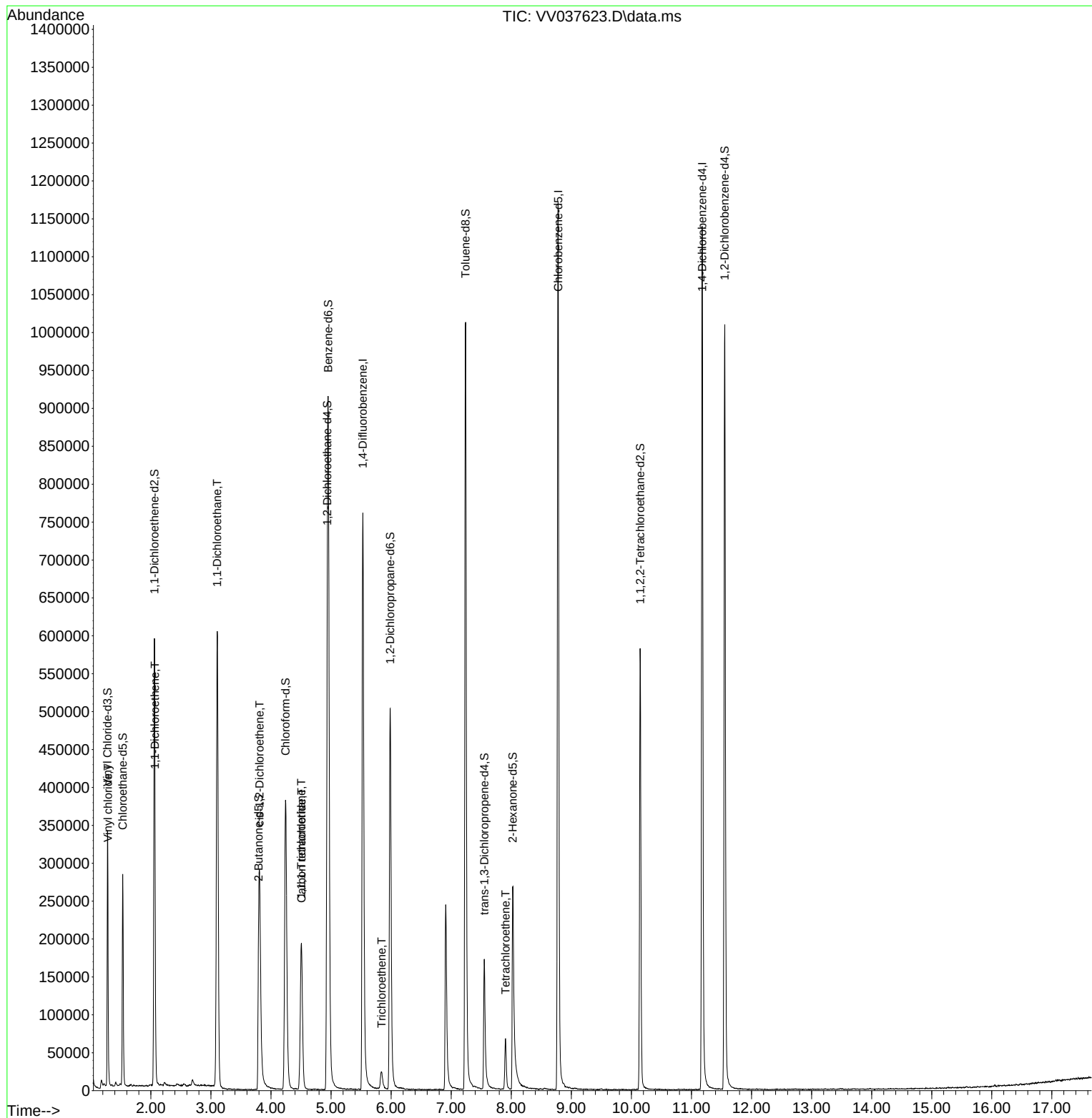
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	673231	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	662138	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	299397	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	217038	36.725	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.440%		
7) Chloroethane-d5	1.532	69	180318	39.308	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.620%		
11) 1,1-Dichloroethene-d2	2.060	65	95948	38.860	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.720%		
21) 2-Butanone-d5	3.793	46	159215	75.637	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	75.640%		
24) Chloroform-d	4.243	84	412955	39.275	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.560%		
26) 1,2-Dichloroethane-d4	4.937	65	247898	40.280	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.560%		
32) Benzene-d6	4.953	84	813382	39.257	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.520%		
36) 1,2-Dichloropropane-d6	5.985	67	258203	39.135	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	78.280%		
41) Toluene-d8	7.239	98	697607	37.131	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	74.260%#		
43) trans-1,3-Dichloroprop...	7.551	79	105927	34.561	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.120%		
47) 2-Hexanone-d5	8.024	63	92497	66.393	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	66.390%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	284285	37.083	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	74.160%		
66) 1,2-Dichlorobenzene-d4	11.554	152	265328	42.056	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.120%		
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	11656	1.954	ug/L #	61
12) 1,1-Dichloroethene	2.069	96	11747	2.621	ug/L #	1
19) 1,1-Dichloroethane	3.105	63	591186	65.075	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	124487	23.461	ug/L	98
30) 1,1,1-Trichloroethane	4.506	97	162292	19.901	ug/L	99
31) Carbon tetrachloride	4.510	117	20961	2.956	ug/L	97
34) Trichloroethene	5.844	95	7602	1.429	ug/L	85
46) Tetrachloroethene	7.905	164	15901	3.911	ug/L	98

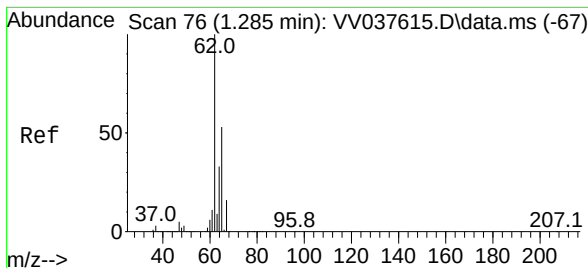
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.954 ug/L

RT: 1.285 min Scan# 7

Delta R.T. 0.000 min

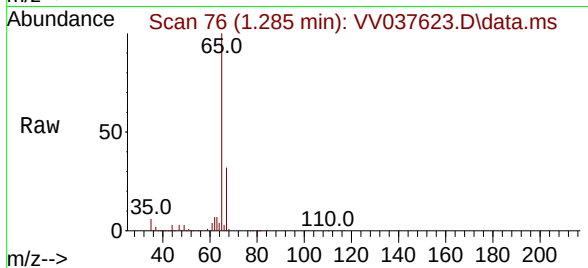
Lab File: VV037623.D

Acq: 27 Sep 2024 21:44

Instrument :

MSVOA_V

ClientSampleId :

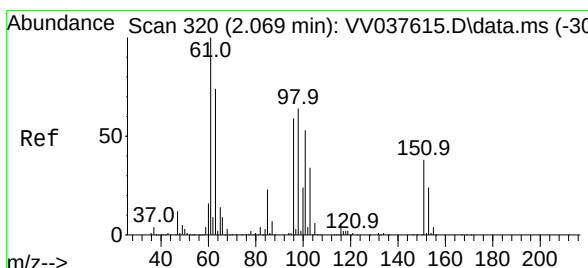
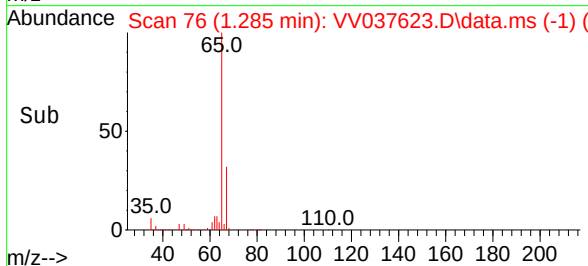
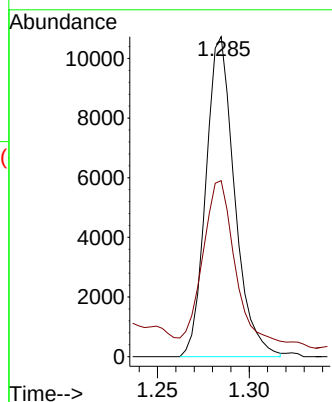


Tgt Ion: 62 Resp: 11656

Ion Ratio Lower Upper

62 100

64 55.0 23.2 43.0#



#12

1,1-Dichloroethene

Concen: 2.621 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV037623.D

Acq: 27 Sep 2024 21:44

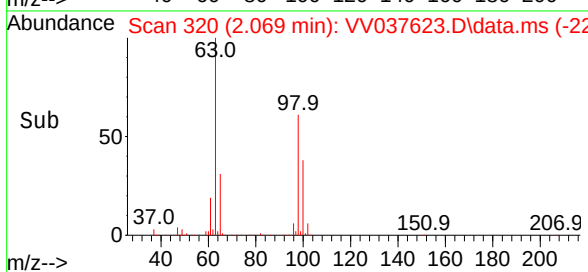
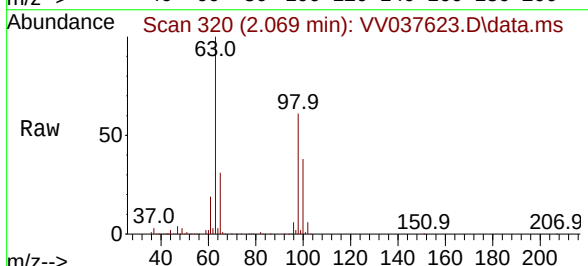
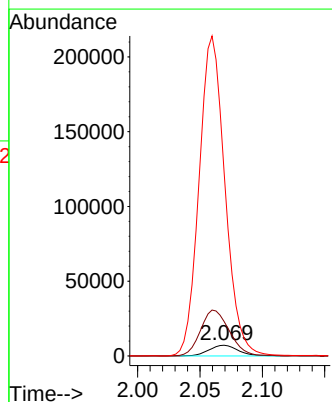
Tgt Ion: 96 Resp: 11747

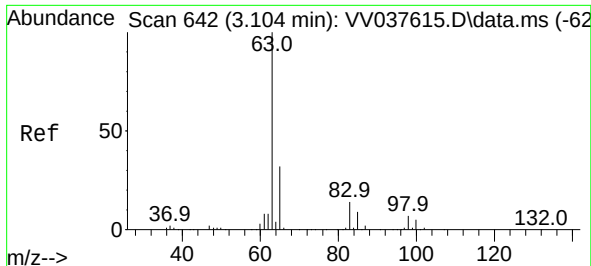
Ion Ratio Lower Upper

96 100

61 322.5 122.6 227.6#

63 1722.3 118.0 219.2#

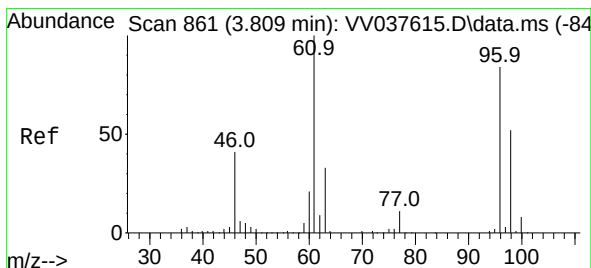
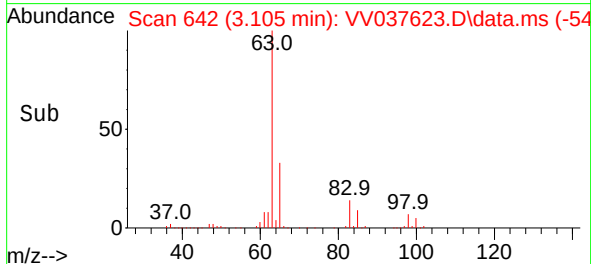
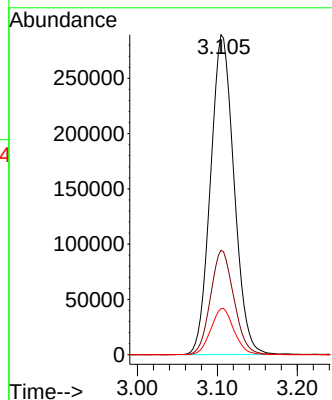
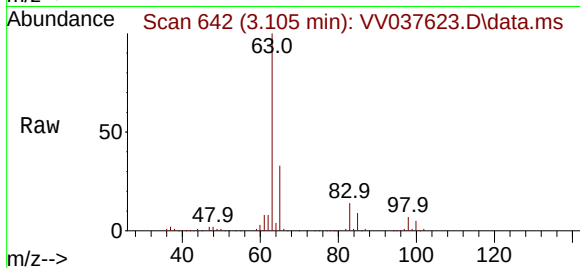




#19
1,1-Dichloroethane
Concen: 65.075 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV037623.D
Acq: 27 Sep 2024 21:44

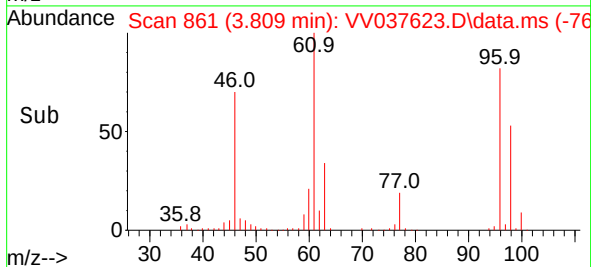
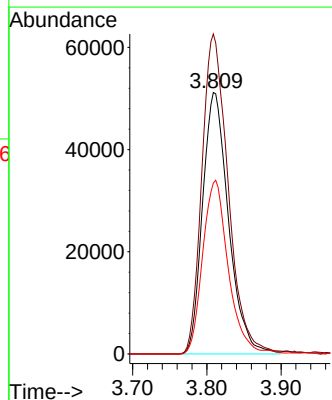
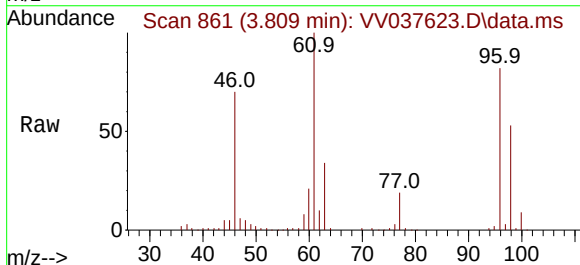
Instrument :
MSVOA_V
ClientSampleId :

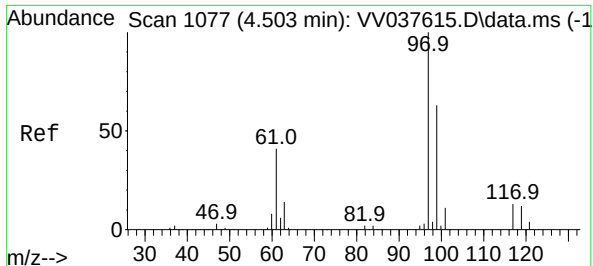
Tgt Ion: 63 Resp: 591186
Ion Ratio Lower Upper
63 100
65 32.6 22.4 41.6
83 14.4 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 23.461 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV037623.D
Acq: 27 Sep 2024 21:44

Tgt Ion: 96 Resp: 124487
Ion Ratio Lower Upper
96 100
61 122.4 85.0 157.8
98 65.3 44.2 82.0

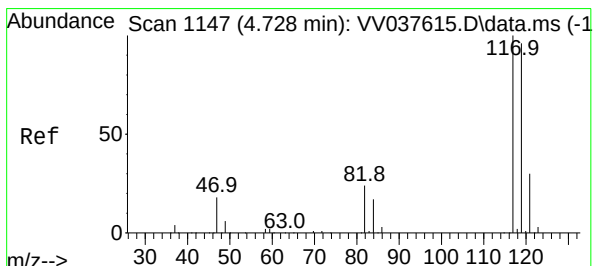
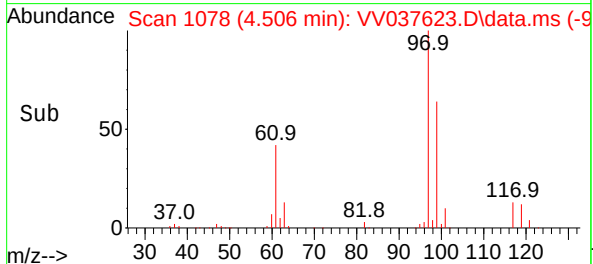
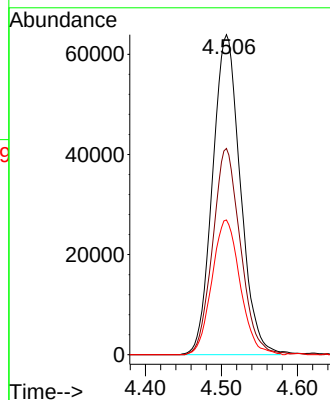
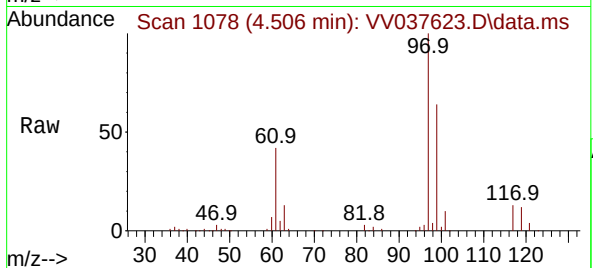




#30
1,1,1-Trichloroethane
Concen: 19.901 ug/L
RT: 4.506 min Scan# 1078
Delta R.T. 0.003 min
Lab File: VV037623.D
Acq: 27 Sep 2024 21:44

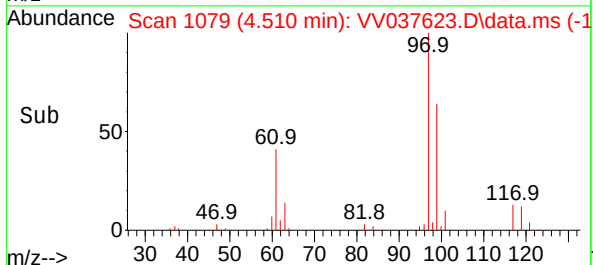
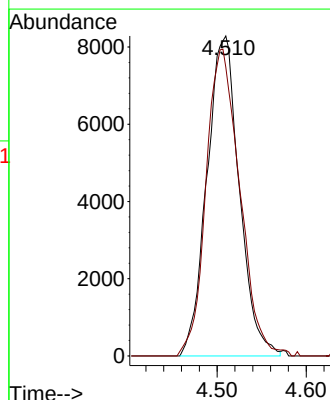
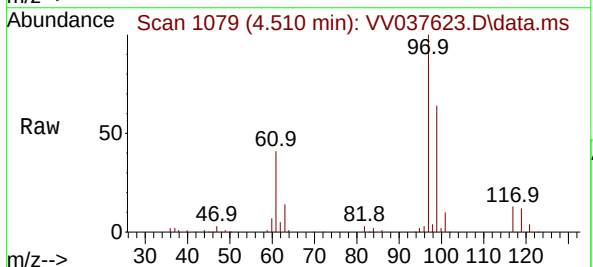
Instrument :
MSVOA_V
ClientSampleId :

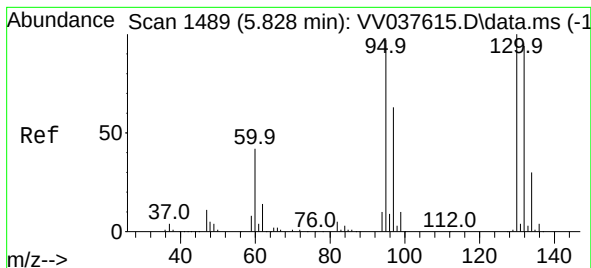
Tgt Ion: 97 Resp: 162292
Ion Ratio Lower Upper
97 100
99 64.4 51.8 77.6
61 42.8 33.6 50.4



#31
Carbon tetrachloride
Concen: 2.956 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. -0.219 min
Lab File: VV037623.D
Acq: 27 Sep 2024 21:44

Tgt Ion: 117 Resp: 20961
Ion Ratio Lower Upper
117 100
119 99.3 76.9 115.3





#34

Trichloroethene

Concen: 1.429 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.016 min

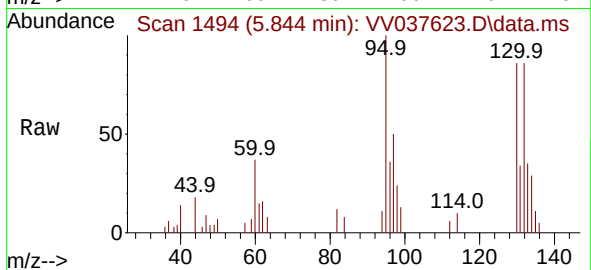
Lab File: VV037623.D

Acq: 27 Sep 2024 21:44

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 7602

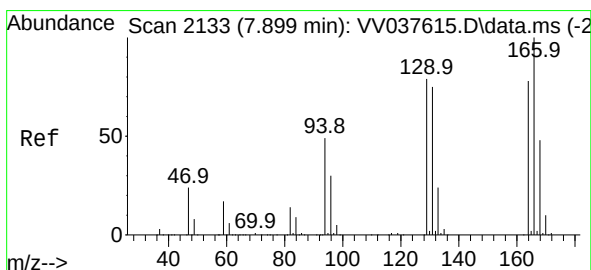
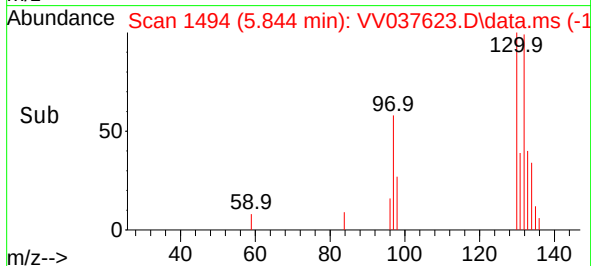
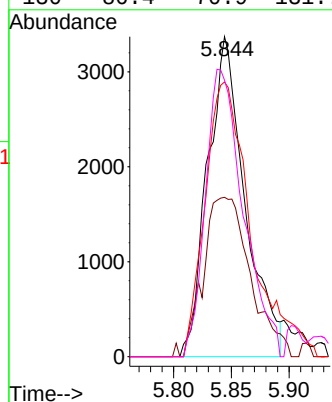
Ion Ratio Lower Upper

95 100

97 49.8 46.3 85.9

132 85.9 68.6 127.4

130 86.4 70.9 131.7



#46

Tetrachloroethene

Concen: 3.911 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.007 min

Lab File: VV037623.D

Acq: 27 Sep 2024 21:44

Tgt Ion: 164 Resp: 15901

Ion Ratio Lower Upper

164 100

129 97.0 68.2 126.6

131 90.4 66.1 122.8

166 128.3 91.1 169.1

