

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037633.D
 Acq On : 28 Sep 2024 01:18
 Operator : SY/MD
 Sample : P4185-14
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 04:22:49 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)

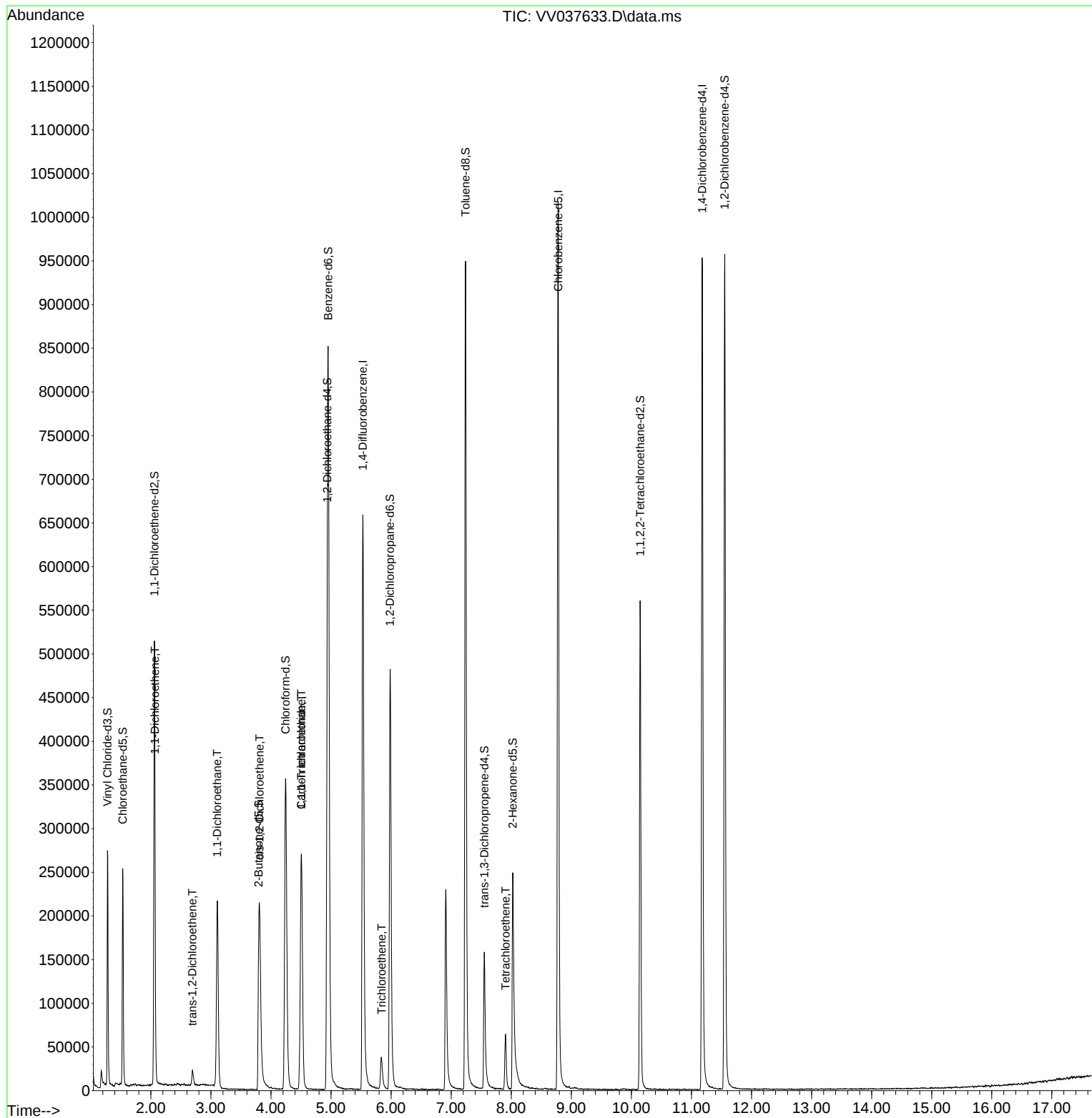
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	594677	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	573081	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	256511	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	181458	34.760	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	69.520%		
7) Chloroethane-d5	1.532	69	160415	39.588	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.180%		
11) 1,1-Dichloroethene-d2	2.060	65	83283	38.186	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.380%		
21) 2-Butanone-d5	3.796	46	147870	79.527	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	79.530%		
24) Chloroform-d	4.243	84	383144	41.253	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.500%		
26) 1,2-Dichloroethane-d4	4.937	65	231796	42.639	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.280%		
32) Benzene-d6	4.953	84	751717	41.918	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.840%		
36) 1,2-Dichloropropane-d6	5.982	67	242908	42.538	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.080%		
41) Toluene-d8	7.239	98	653484	40.187	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.380%		
43) trans-1,3-Dichloroprop...	7.551	79	98402	37.095	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.200%		
47) 2-Hexanone-d5	8.024	63	83964	69.634	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	69.630%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	275109	41.463	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.920%		
66) 1,2-Dichlorobenzene-d4	11.554	152	251709	46.568	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.140%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	4888	1.235	ug/L	# 1
17) trans-1,2-Dichloroethene	2.693	96	5225	1.248	ug/L	92
19) 1,1-Dichloroethane	3.105	63	208178	25.942	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	84925	18.119	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	226606	32.105	ug/L	99
31) Carbon tetrachloride	4.506	117	29913	4.875	ug/L	100
34) Trichloroethene	5.841	95	11720	2.546	ug/L	91
46) Tetrachloroethene	7.905	164	14416	4.096	ug/L	89

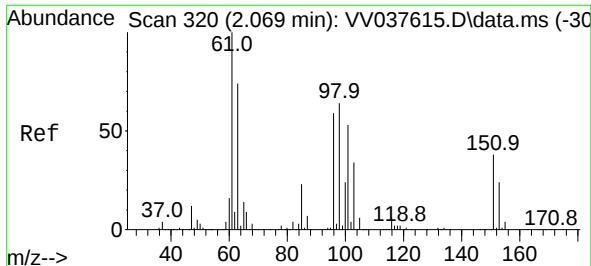
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#12

1,1-Dichloroethene

Concen: 1.235 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV037633.D

Acq: 28 Sep 2024 01:18

Instrument :

MSVOA_V

ClientSampleId :

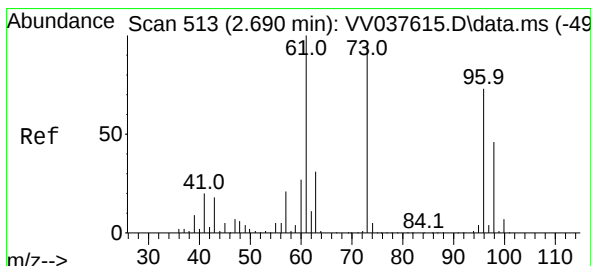
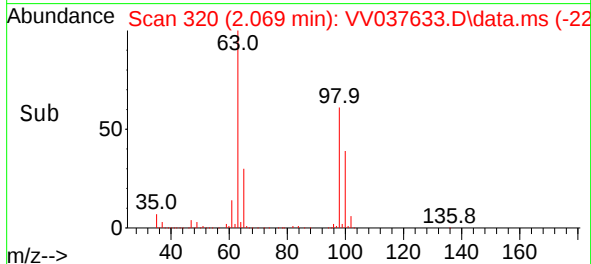
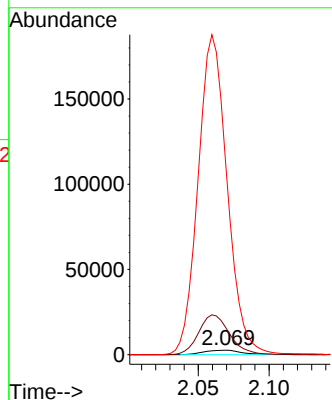
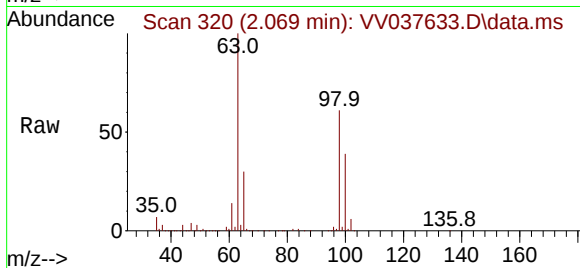
Tgt Ion: 96 Resp: 4888

Ion Ratio Lower Upper

96 100

61 615.7 122.6 227.6#

63 4330.5 118.0 219.2#



#17

trans-1,2-Dichloroethene

Concen: 1.248 ug/L

RT: 2.693 min Scan# 514

Delta R.T. 0.003 min

Lab File: VV037633.D

Acq: 28 Sep 2024 01:18

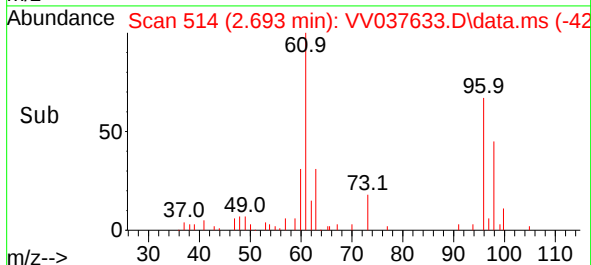
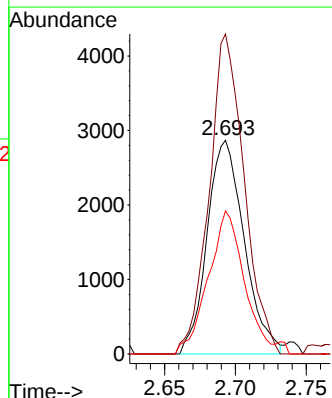
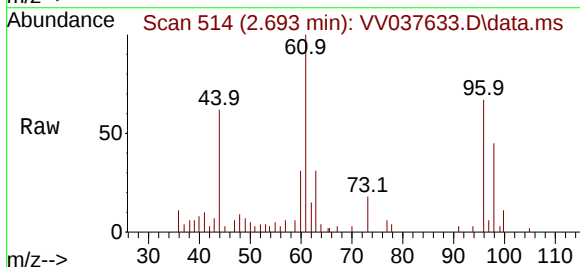
Tgt Ion: 96 Resp: 5225

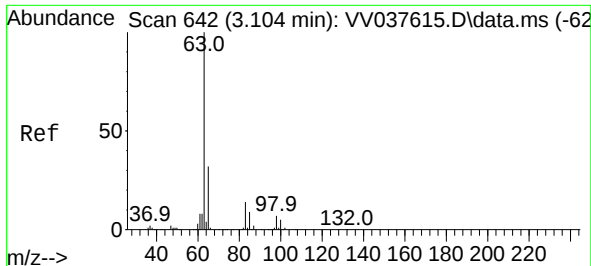
Ion Ratio Lower Upper

96 100

61 149.7 97.3 180.7

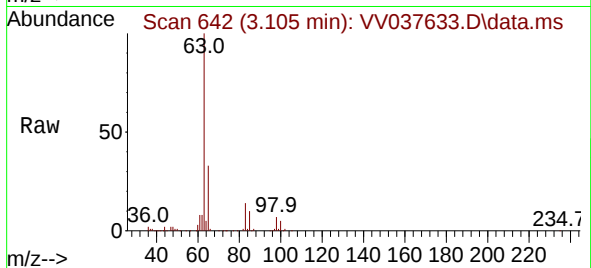
98 66.9 43.9 81.5





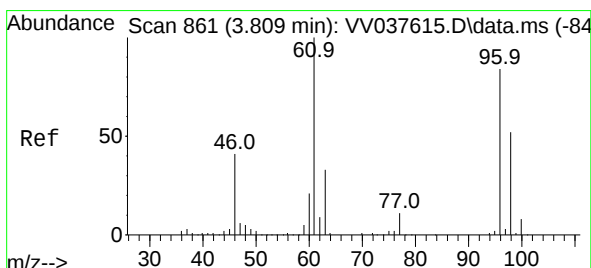
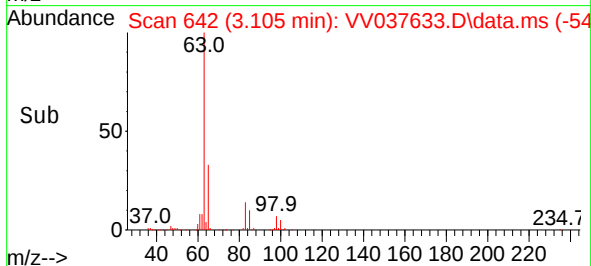
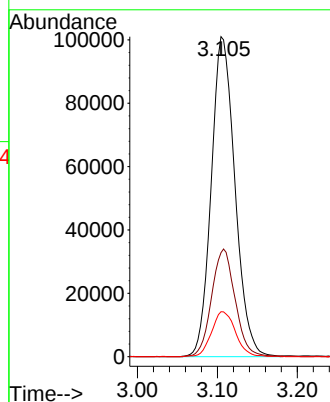
#19
1,1-Dichloroethane
Concen: 25.942 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV037633.D
Acq: 28 Sep 2024 01:18

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 63 Resp: 208178

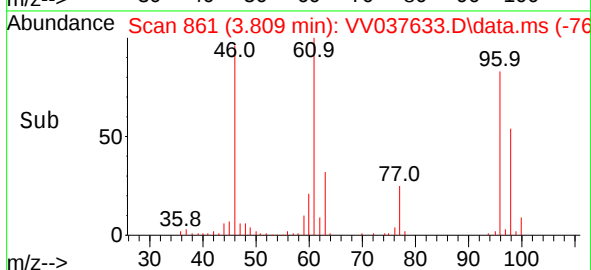
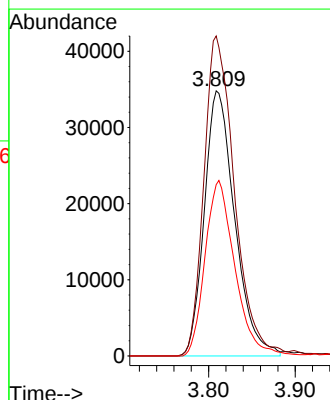
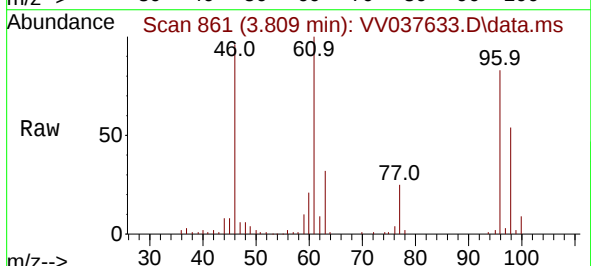
Ion	Ratio	Lower	Upper
63	100		
65	32.5	22.4	41.6
83	14.1	9.5	17.7

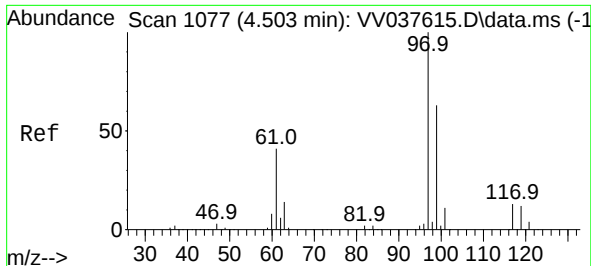


#20
cis-1,2-Dichloroethene
Concen: 18.119 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV037633.D
Acq: 28 Sep 2024 01:18

Tgt Ion: 96 Resp: 84925

Ion	Ratio	Lower	Upper
96	100		
61	120.7	85.0	157.8
98	64.6	44.2	82.0





#30

1,1,1-Trichloroethane

Concen: 32.105 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV037633.D

Acq: 28 Sep 2024 01:18

Instrument :

MSVOA_V

ClientSampleId :

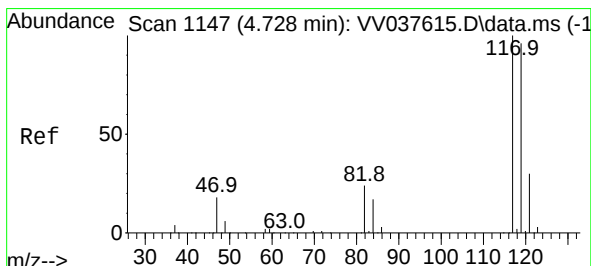
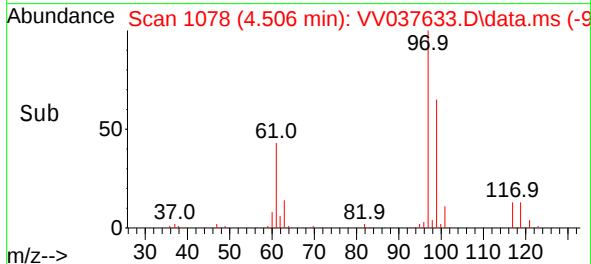
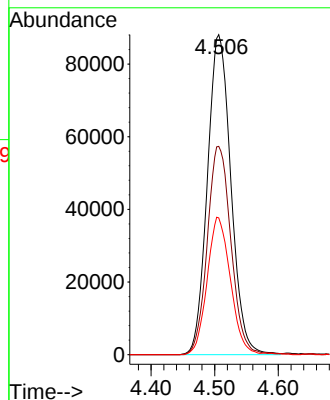
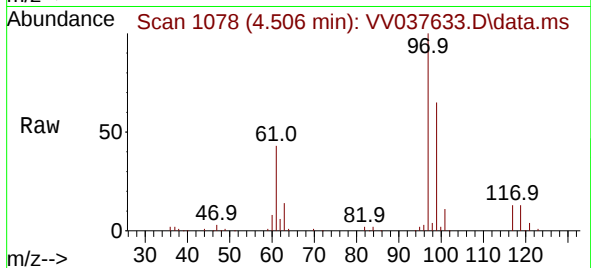
Tgt Ion: 97 Resp: 226606

Ion Ratio Lower Upper

97 100

99 65.4 51.8 77.6

61 42.3 33.6 50.4



#31

Carbon tetrachloride

Concen: 4.875 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. -0.222 min

Lab File: VV037633.D

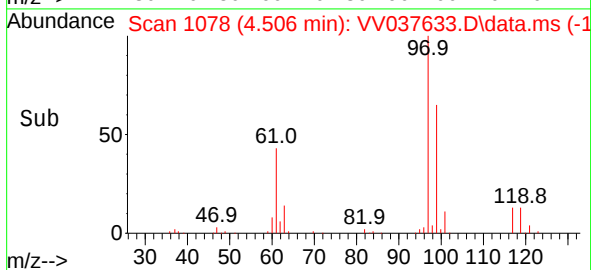
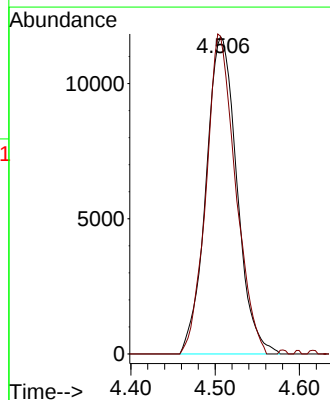
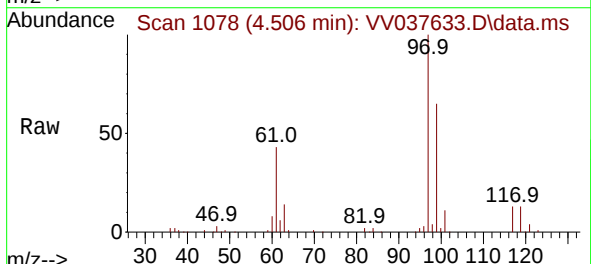
Acq: 28 Sep 2024 01:18

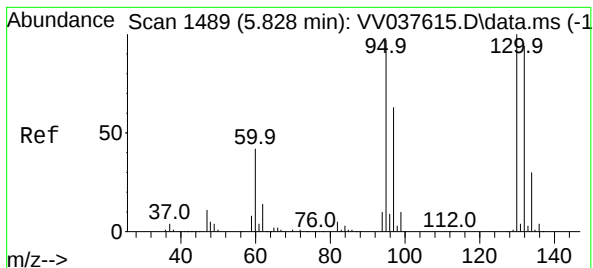
Tgt Ion: 117 Resp: 29913

Ion Ratio Lower Upper

117 100

119 96.1 76.9 115.3





#34

Trichloroethene

Concen: 2.546 ug/L

RT: 5.841 min Scan# 1489

Delta R.T. 0.013 min

Lab File: VV037633.D

Acq: 28 Sep 2024 01:18

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 11720

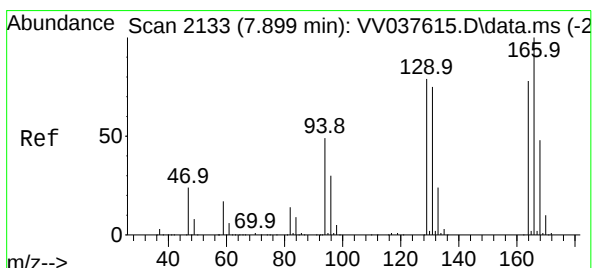
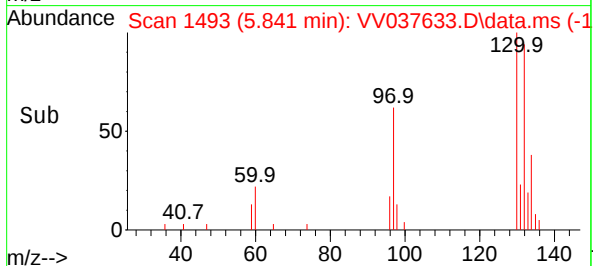
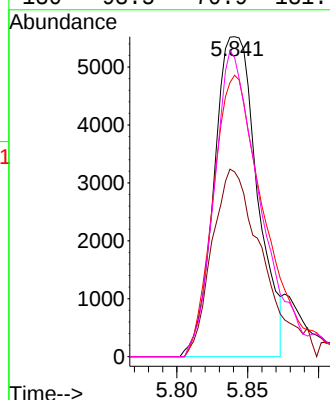
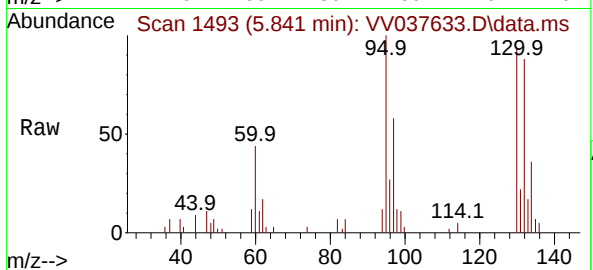
Ion Ratio Lower Upper

95 100

97 57.7 46.3 85.9

132 88.0 68.6 127.4

130 93.5 70.9 131.7



#46

Tetrachloroethene

Concen: 4.096 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.006 min

Lab File: VV037633.D

Acq: 28 Sep 2024 01:18

Tgt Ion:164 Resp: 14416

Ion Ratio Lower Upper

164 100

129 110.8 68.2 126.6

131 100.7 66.1 122.8

166 143.5 91.1 169.1

