

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037559.D
 Acq On : 26 Sep 2024 19:22
 Operator : SY/MD
 Sample : P4184-08
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 00:55:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 00:49:09 2024
 Response via : Initial Calibration

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

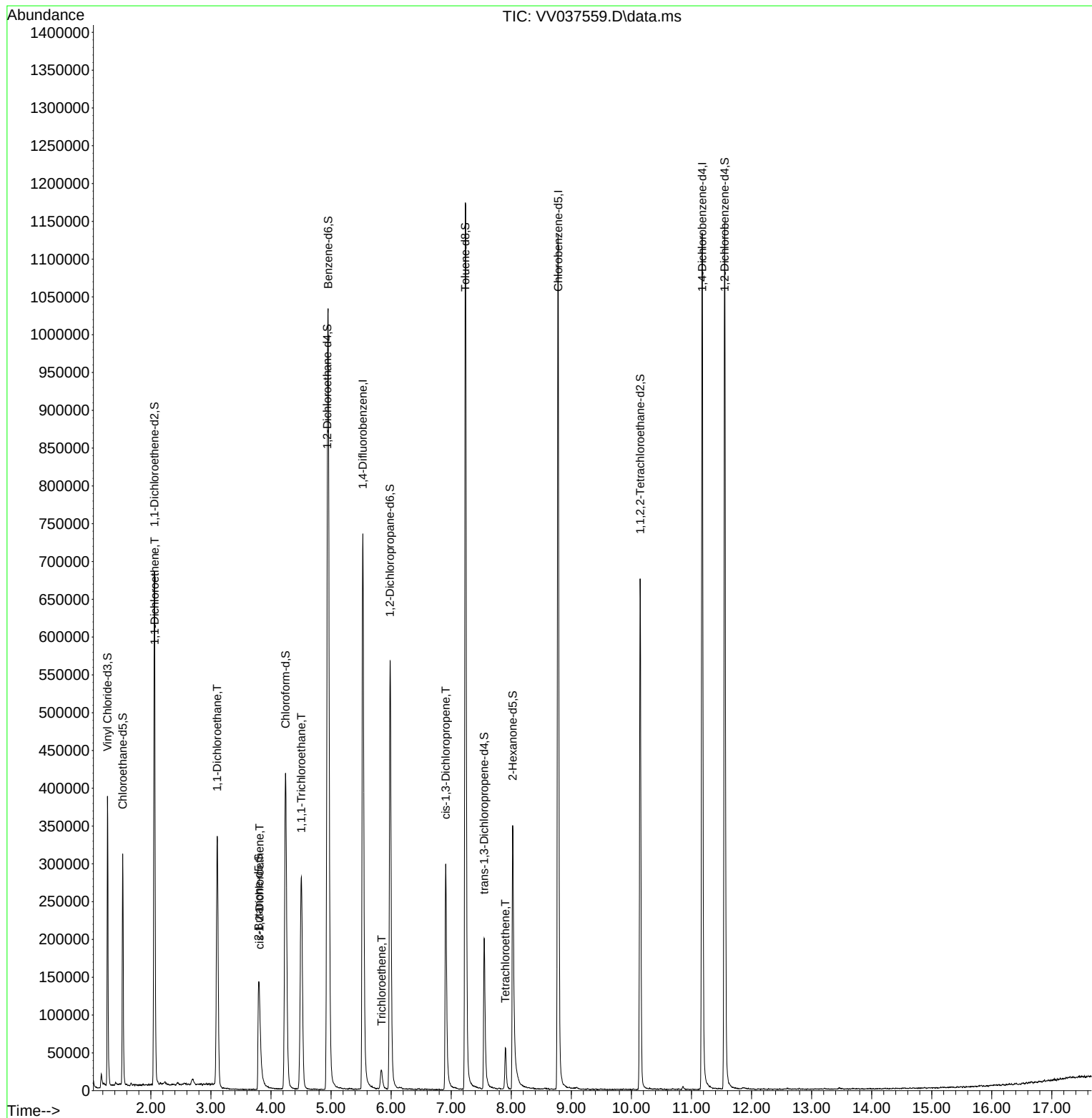
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	661111	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	629493	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	297586	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	255990	44.110	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.220%		
7) Chloroethane-d5	1.532	69	203289	45.128	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.260%		
11) 1,1-Dichloroethene-d2	2.060	65	110828	45.709	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.420%		
21) 2-Butanone-d5	3.793	46	196545	95.083	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.080%		
24) Chloroform-d	4.243	84	448226	43.411	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.820%		
26) 1,2-Dichloroethane-d4	4.937	65	275305	45.553	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.100%		
32) Benzene-d6	4.953	84	908798	46.136	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.280%		
36) 1,2-Dichloropropane-d6	5.982	67	284308	45.326	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.660%		
41) Toluene-d8	7.236	98	798860	44.725	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.440%		
43) trans-1,3-Dichloroprop...	7.548	79	123731	42.464	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.920%		
47) 2-Hexanone-d5	8.024	63	121148	91.468	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.470%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	327445	44.929	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.860%		
66) 1,2-Dichlorobenzene-d4	11.554	152	302959	48.313	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.620%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.066	96	16051	3.647	ug/L #	1
19) 1,1-Dichloroethane	3.105	63	322972	36.203	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	20391	3.913	ug/L	96
30) 1,1,1-Trichloroethane	4.507	97	239043	30.832	ug/L	99
34) Trichloroethene	5.841	95	8209	1.624	ug/L	97
39) cis-1,3-Dichloropropene	6.908	75	7748	0.990	ug/L #	49
46) Tetrachloroethene	7.902	164	13294	3.439	ug/L	97

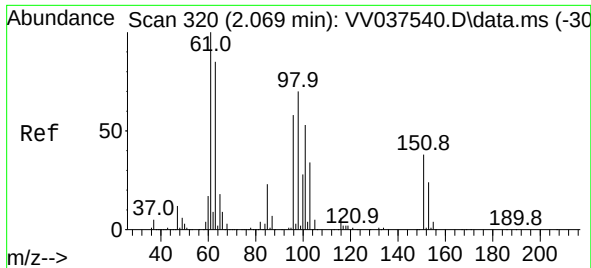
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Sep 27 00:49:09 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 3.647 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

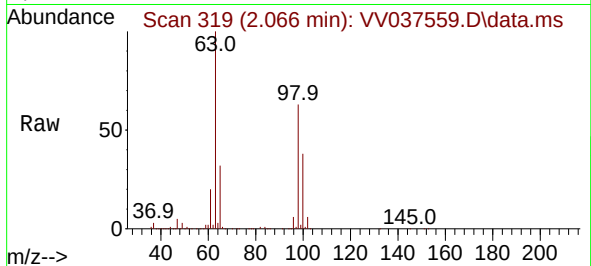
Lab File: VV037559.D

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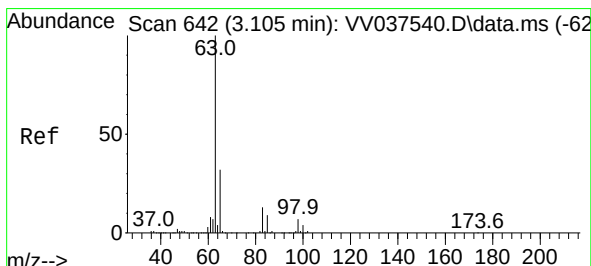
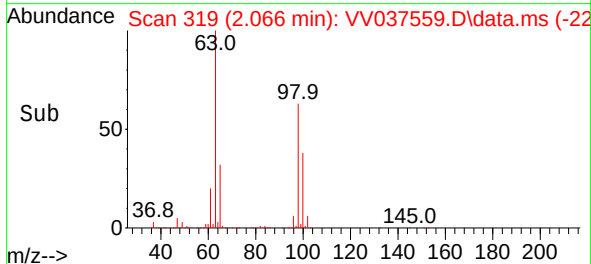
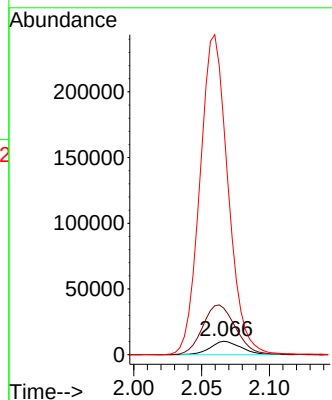
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	96	Resp:	16051
Ion	Ratio	Lower	Upper
96	100		
61	347.2	122.6	227.6#
63	1734.4	118.0	219.2#



#19

1,1-Dichloroethane

Concen: 36.203 ug/L

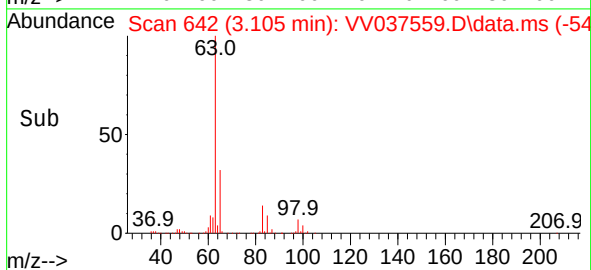
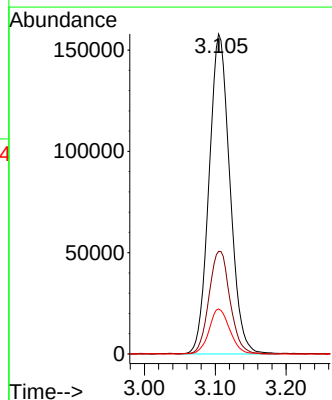
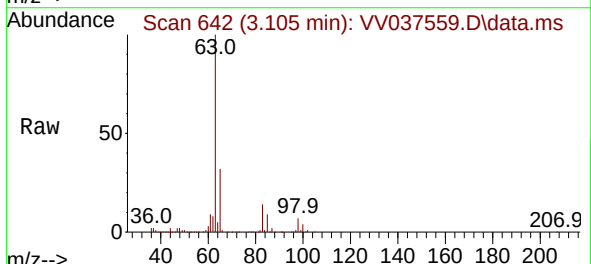
RT: 3.105 min Scan# 642

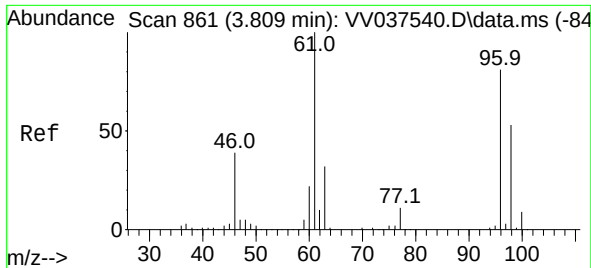
Delta R.T. 0.000 min

Lab File: VV037559.D

Acq: 26 Sep 2024 19:22

Tgt Ion:	63	Resp:	322972
Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.4	41.6
83	14.0	9.5	17.7





#20

cis-1,2-Dichloroethene

Concen: 3.913 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.000 min

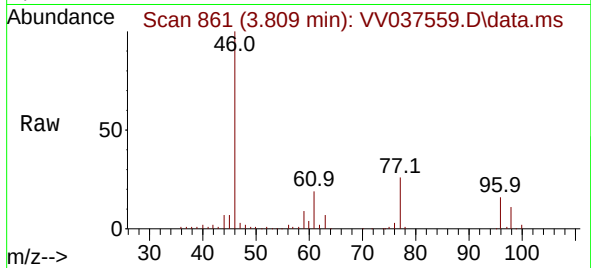
Lab File: VV037559.D

Acq: 26 Sep 2024 19:22

Instrument :

MSVOA_V

ClientSampleId :



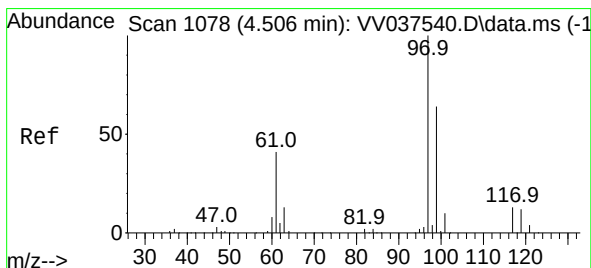
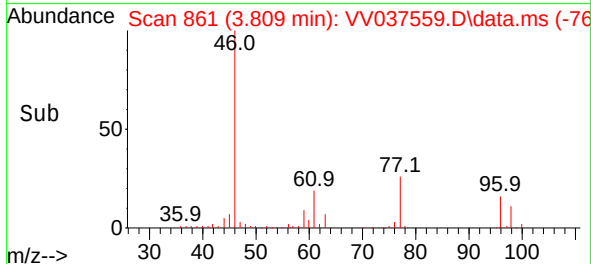
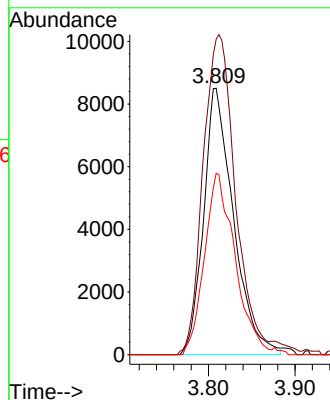
Tgt Ion: 96 Resp: 20391

Ion Ratio Lower Upper

96 100

61 118.5 85.0 157.8

98 68.1 44.2 82.0



#30

1,1,1-Trichloroethane

Concen: 30.832 ug/L

RT: 4.507 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VV037559.D

Acq: 26 Sep 2024 19:22

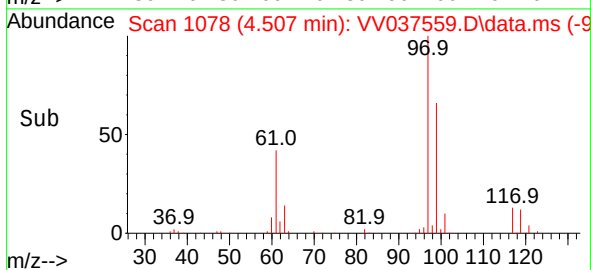
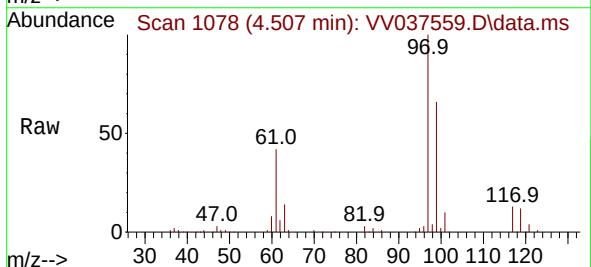
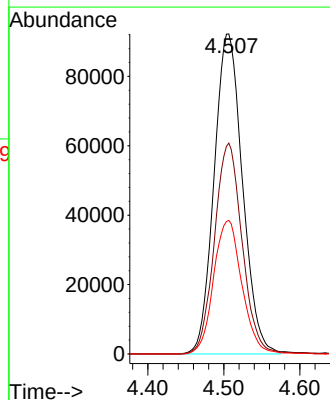
Tgt Ion: 97 Resp: 239043

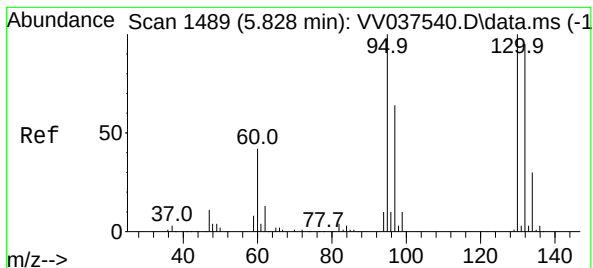
Ion Ratio Lower Upper

97 100

99 64.1 51.8 77.6

61 41.6 33.6 50.4





#34

Trichloroethene

Concen: 1.624 ug/L

RT: 5.841 min Scan# 1489

Delta R.T. 0.013 min

Lab File: VV037559.D

Acq: 26 Sep 2024 19:22

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 8209

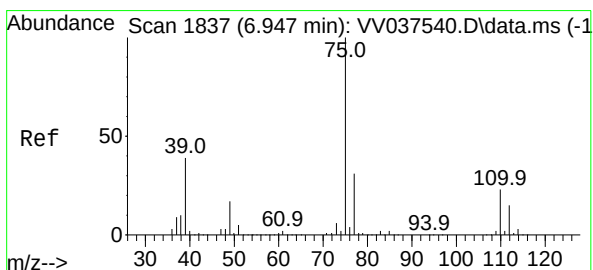
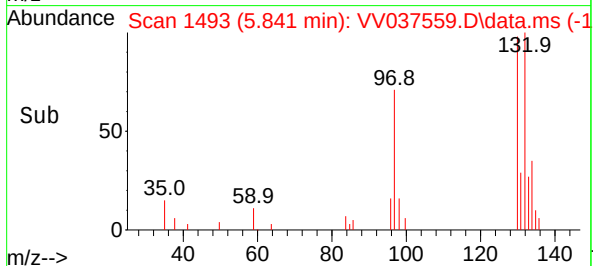
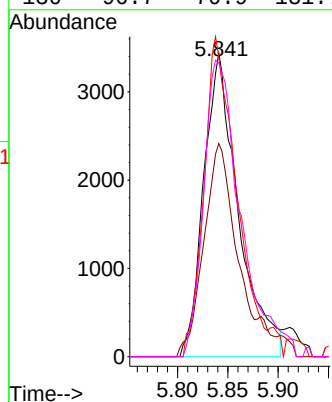
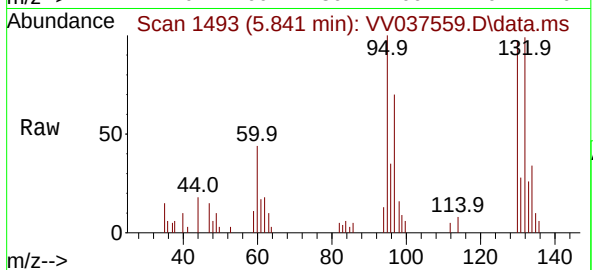
Ion Ratio Lower Upper

95 100

97 70.2 46.3 85.9

132 98.6 68.6 127.4

130 96.7 70.9 131.7



#39

cis-1,3-Dichloropropene

Concen: 0.990 ug/L

RT: 6.908 min Scan# 1825

Delta R.T. -0.039 min

Lab File: VV037559.D

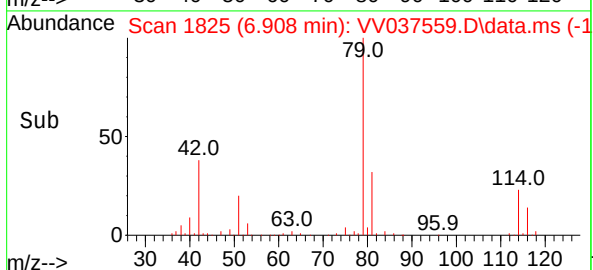
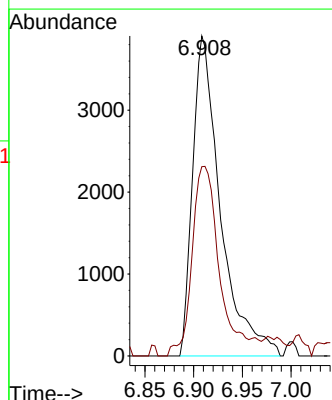
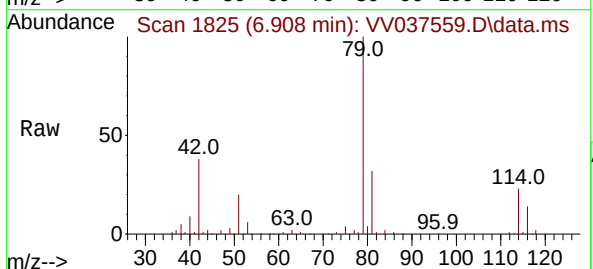
Acq: 26 Sep 2024 19:22

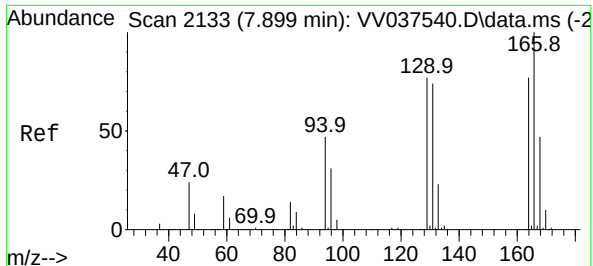
Tgt Ion: 75 Resp: 7748

Ion Ratio Lower Upper

75 100

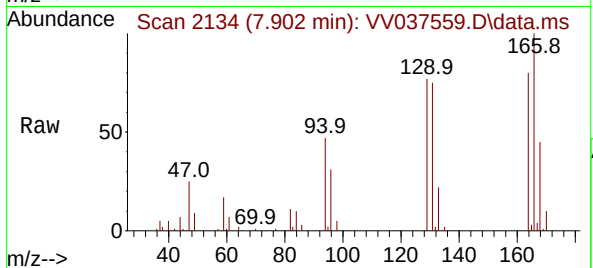
77 59.1 21.8 40.4#





#46
 Tetrachloroethene
 Concen: 3.439 ug/L
 RT: 7.902 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV037559.D
 Acq: 26 Sep 2024 19:22

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	164	Resp:	13294
Ion	Ratio	Lower	Upper
164	100		
129	95.1	68.2	126.6
131	92.9	66.1	122.8
166	124.3	91.1	169.1

