

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037629.D
 Acq On : 27 Sep 2024 23:53
 Operator : SY/MD
 Sample : P4185-10
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 04:21:47 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)

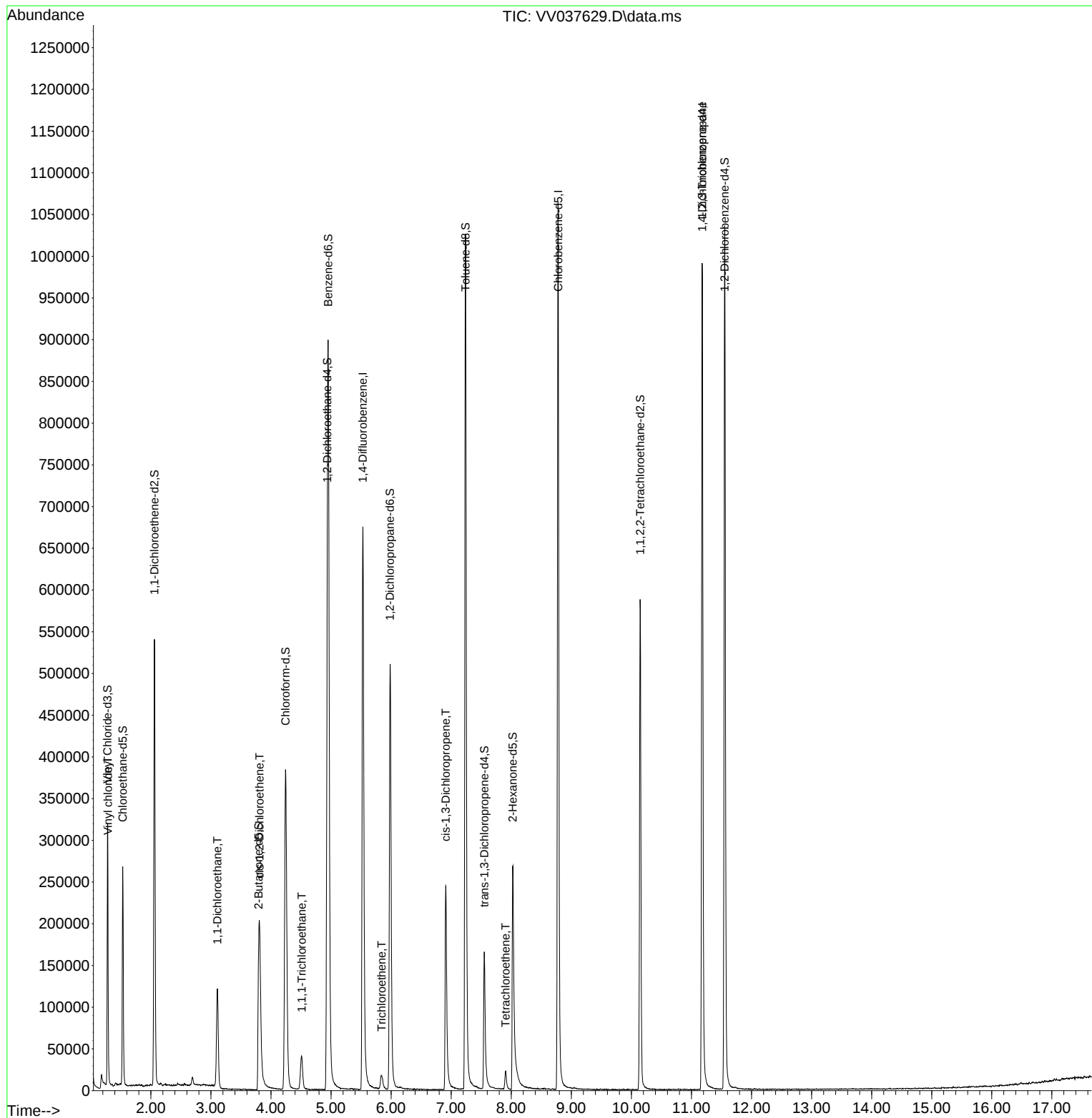
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	603300	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	591123	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	264806	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	197880	37.364	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	74.720%		
7) Chloroethane-d5	1.532	69	170550	41.488	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.980%		
11) 1,1-Dichloroethene-d2	2.059	65	87699	39.636	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.280%		
21) 2-Butanone-d5	3.793	46	152946	81.081	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	81.080%		
24) Chloroform-d	4.243	84	416051	44.156	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.320%		
26) 1,2-Dichloroethane-d4	4.937	65	251381	45.581	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.160%		
32) Benzene-d6	4.953	84	806087	43.578	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.160%		
36) 1,2-Dichloropropane-d6	5.982	67	259843	44.115	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.240%		
41) Toluene-d8	7.239	98	702565	41.887	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.780%		
43) trans-1,3-Dichloroprop...	7.551	79	104707	38.267	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.540%		
47) 2-Hexanone-d5	8.024	63	90159	72.489	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	72.490%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	292109	42.682	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.360%		
66) 1,2-Dichlorobenzene-d4	11.554	152	269765	48.345	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.700%		
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	11554	2.161	ug/L #	66
19) 1,1-Dichloroethane	3.108	63	114212	14.029	ug/L	97
20) cis-1,2-Dichloroethene	3.809	96	78328	16.473	ug/L	97
30) 1,1,1-Trichloroethane	4.513	97	34364	4.720	ug/L	99
34) Trichloroethene	5.844	95	5159	1.087	ug/L	90
39) cis-1,3-Dichloropropene	6.908	75	6521	0.887	ug/L #	59
46) Tetrachloroethene	7.905	164	5164	1.423	ug/L	96
61) 1,2,3-Trichloropropane	11.178	75	31777	8.433	ug/L #	64

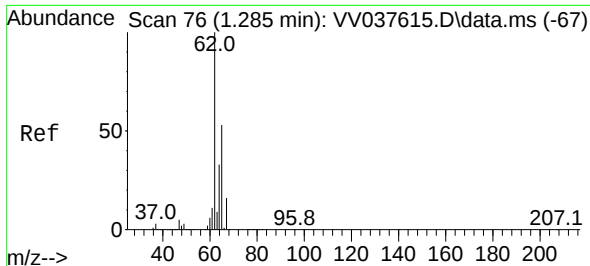
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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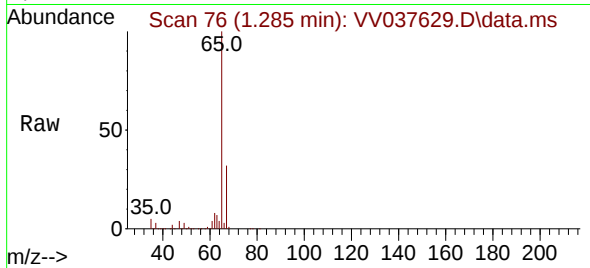
Quant Time: Sep 28 04:21:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 28 00:49:19 2024
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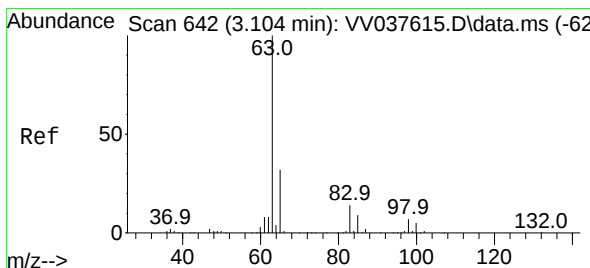
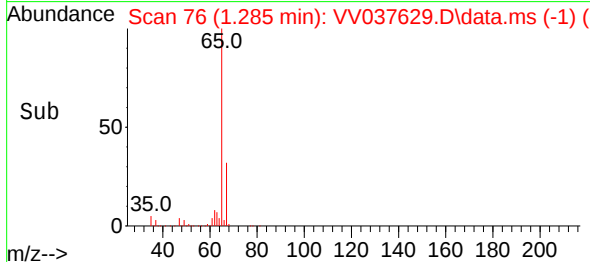
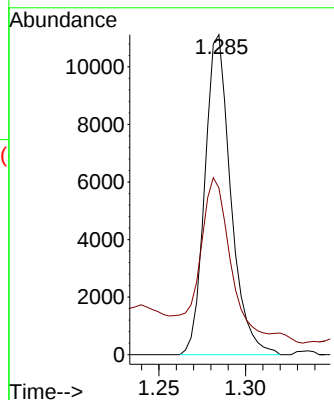


#5
 Vinyl chloride
 Concen: 2.161 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV037629.D
 Acq: 27 Sep 2024 23:53

Instrument :
 MSVOA_V
 ClientSampleId :

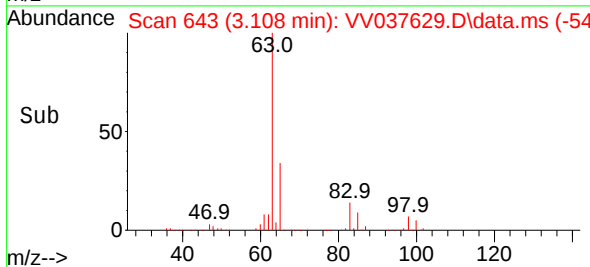
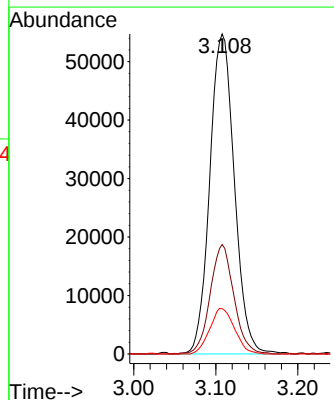
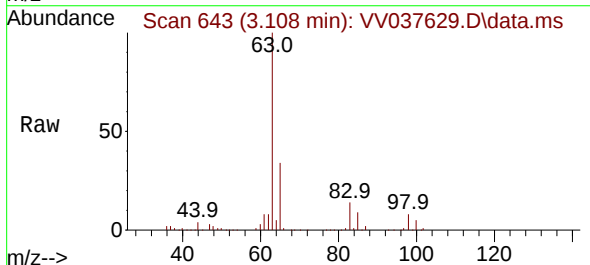


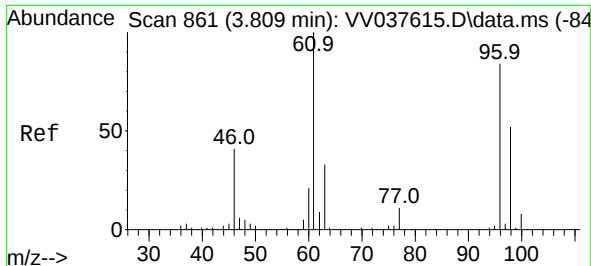
Tgt Ion: 62 Resp: 11554
 Ion Ratio Lower Upper
 62 100
 64 52.1 23.2 43.0#



#19
 1,1-Dichloroethane
 Concen: 14.029 ug/L
 RT: 3.108 min Scan# 643
 Delta R.T. 0.003 min
 Lab File: VV037629.D
 Acq: 27 Sep 2024 23:53

Tgt Ion: 63 Resp: 114212
 Ion Ratio Lower Upper
 63 100
 65 34.2 22.4 41.6
 83 14.1 9.5 17.7





#20

cis-1,2-Dichloroethene

Concen: 16.473 ug/L

RT: 3.809 min Scan# 80

Delta R.T. -0.000 min

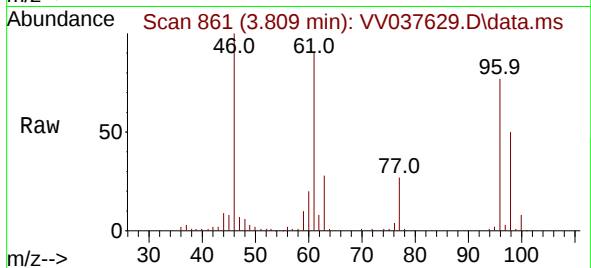
Lab File: VV037629.D

Acq: 27 Sep 2024 23:53

Instrument :

MSVOA_V

ClientSampleId :



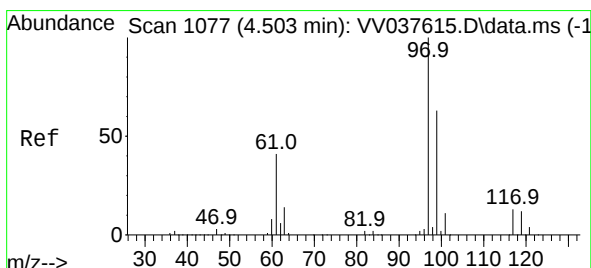
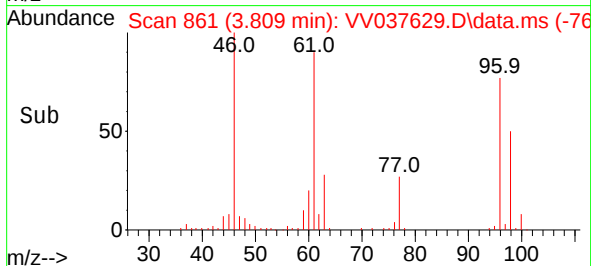
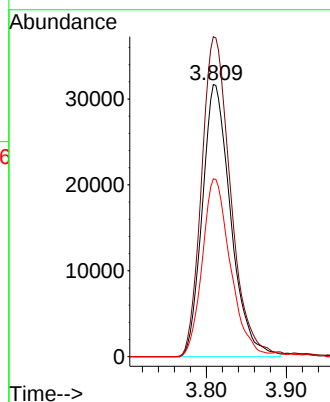
Tgt Ion: 96 Resp: 78328

Ion Ratio Lower Upper

96 100

61 117.6 85.0 157.8

98 65.3 44.2 82.0



#30

1,1,1-Trichloroethane

Concen: 4.720 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.010 min

Lab File: VV037629.D

Acq: 27 Sep 2024 23:53

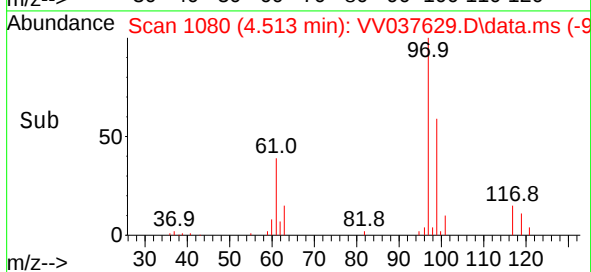
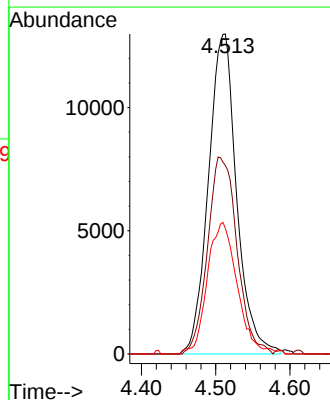
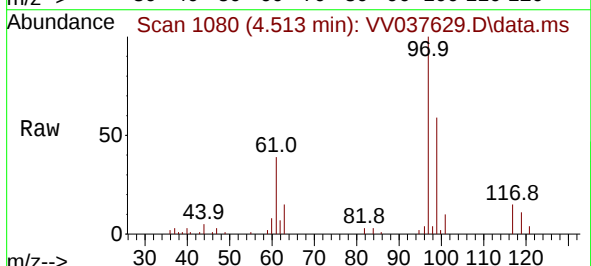
Tgt Ion: 97 Resp: 34364

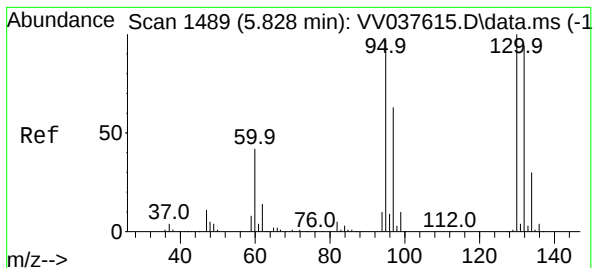
Ion Ratio Lower Upper

97 100

99 64.2 51.8 77.6

61 42.9 33.6 50.4





#34

Trichloroethene

Concen: 1.087 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.016 min

Lab File: VV037629.D

Acq: 27 Sep 2024 23:53

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 5159

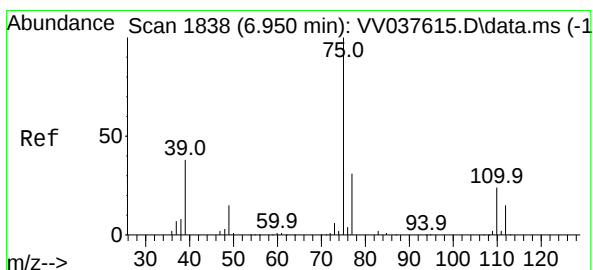
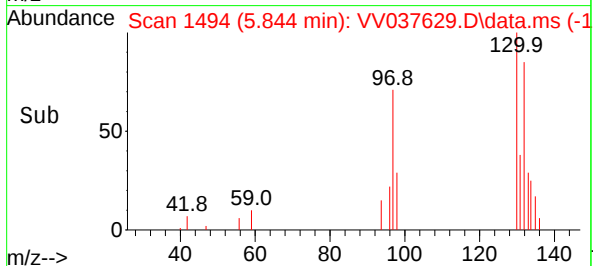
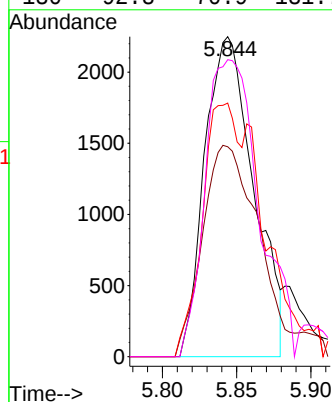
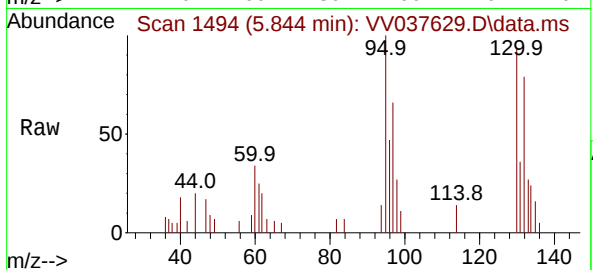
Ion Ratio Lower Upper

95 100

97 65.6 46.3 85.9

132 79.2 68.6 127.4

130 92.8 70.9 131.7



#39

cis-1,3-Dichloropropene

Concen: 0.887 ug/L

RT: 6.908 min Scan# 1825

Delta R.T. -0.042 min

Lab File: VV037629.D

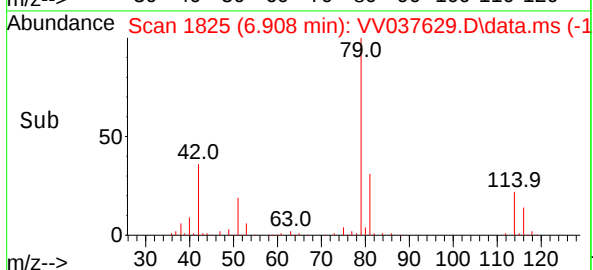
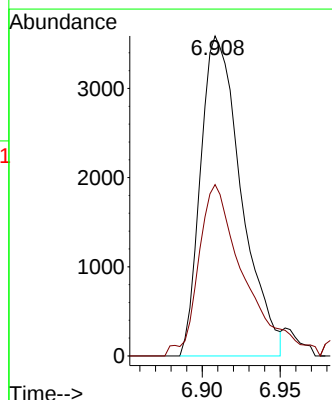
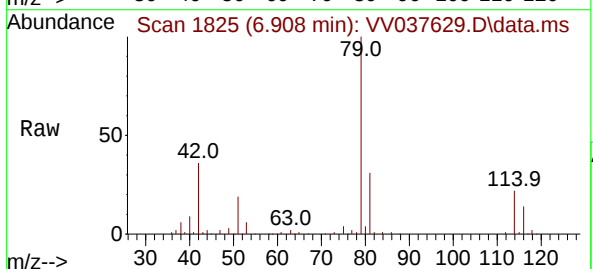
Acq: 27 Sep 2024 23:53

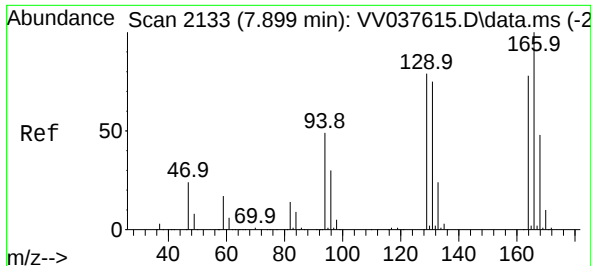
Tgt Ion: 75 Resp: 6521

Ion Ratio Lower Upper

75 100

77 53.6 21.8 40.4#





#46

Tetrachloroethene

Concen: 1.423 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.006 min

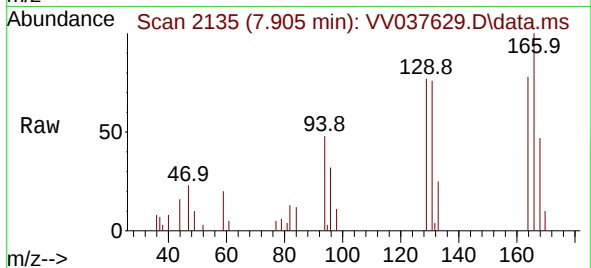
Lab File: VV037629.D

Acq: 27 Sep 2024 23:53

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 5164

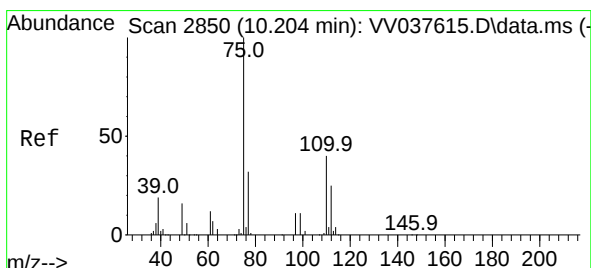
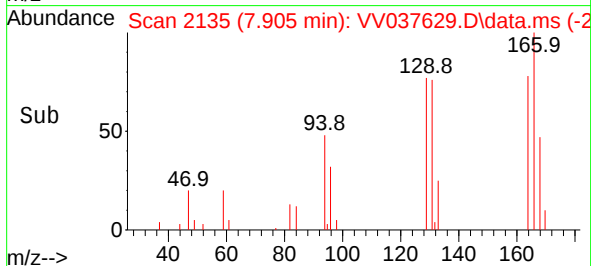
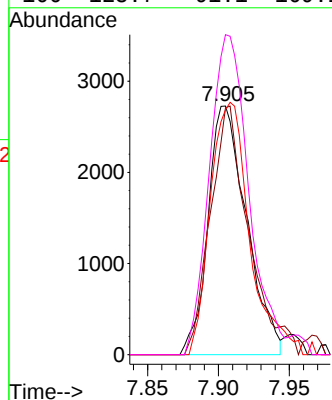
Ion Ratio Lower Upper

164 100

129 99.3 68.2 126.6

131 103.9 66.1 122.8

166 128.7 91.1 169.1



#61

1,2,3-Trichloropropane

Concen: 8.433 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. 0.974 min

Lab File: VV037629.D

Acq: 27 Sep 2024 23:53

Tgt Ion: 75 Resp: 31777

Ion Ratio Lower Upper

75 100

77 34.2 25.4 38.0

110 1.5 31.7 47.5#

