

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037609.D
 Acq On : 27 Sep 2024 16:20
 Operator : SY/MD
 Sample : P4184-04DL 10X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 23:51:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 23:45:04 2024
 Response via : Initial Calibration

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

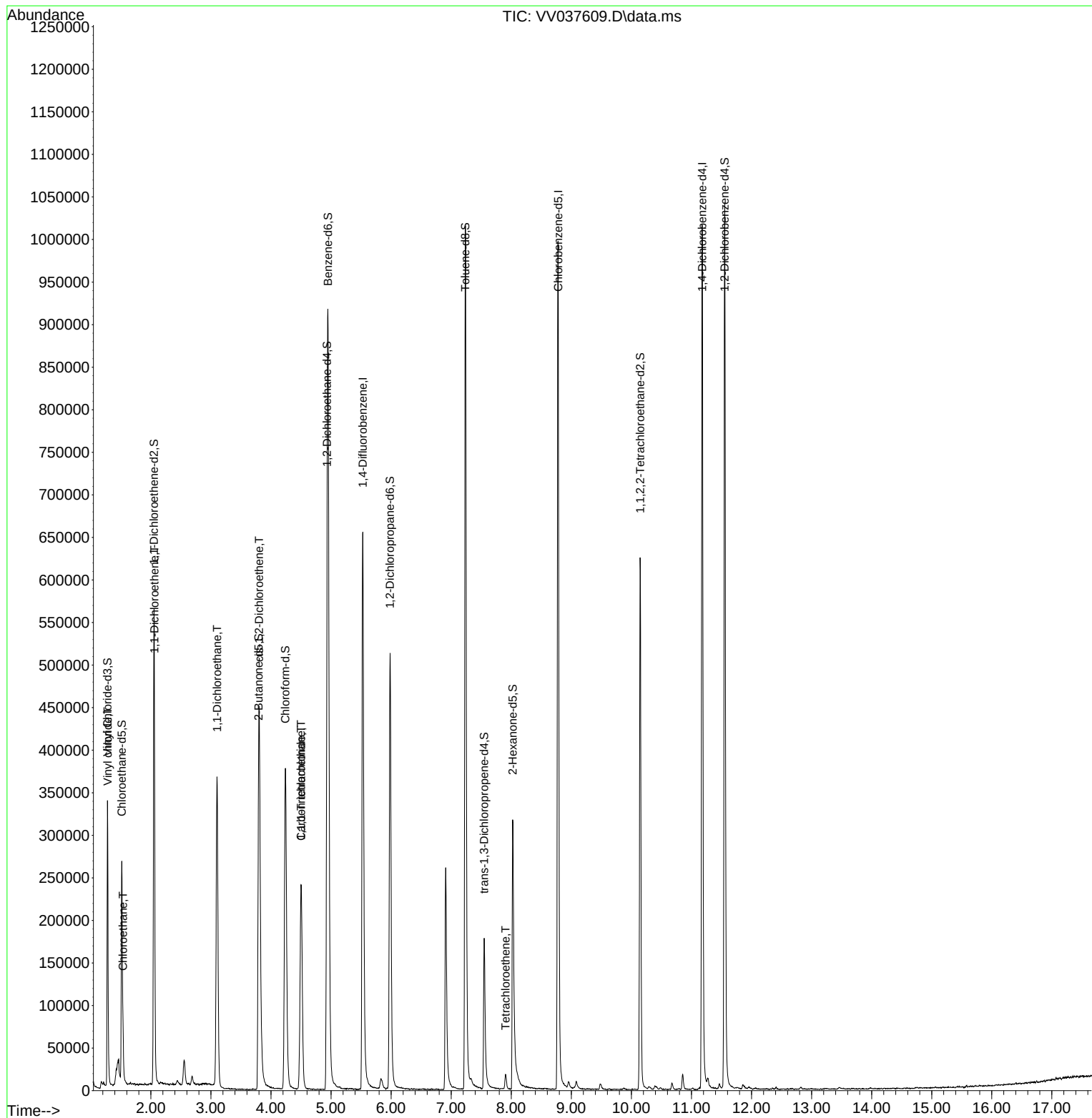
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	589026	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	568639	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	267066	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	210532	40.716	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.440%		
7) Chloroethane-d5	1.516	69	178508	44.476	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.960%		
11) 1,1-Dichloroethene-d2	2.053	65	93264	43.172	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.340%		
21) 2-Butanone-d5	3.793	46	182547	99.118	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.120%		
24) Chloroform-d	4.240	84	405411	44.070	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.140%		
26) 1,2-Dichloroethane-d4	4.934	65	249583	46.351	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.700%		
32) Benzene-d6	4.950	84	801707	45.055	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.120%		
36) 1,2-Dichloropropane-d6	5.982	67	259549	45.807	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.620%		
41) Toluene-d8	7.236	98	686749	42.563	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.120%		
43) trans-1,3-Dichloroprop...	7.548	79	114128	43.360	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.720%		
47) 2-Hexanone-d5	8.024	63	112797	94.277	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.280%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	306376	46.536	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.080%		
66) 1,2-Dichlorobenzene-d4	11.554	152	274958	48.859	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.720%		
Target Compounds						Qvalue
5) Vinyl chloride	1.282	62	22581	4.327	ug/L	86
8) Chloroethane	1.536	64	31705	9.856	ug/L	98
12) 1,1-Dichloroethene	2.060	96	6397	1.631	ug/L #	1
19) 1,1-Dichloroethane	3.101	63	361331	45.460	ug/L	99
20) cis-1,2-Dichloroethene	3.802	96	205624	44.293	ug/L	97
30) 1,1,1-Trichloroethane	4.500	97	204201	29.157	ug/L	99
31) Carbon tetrachloride	4.503	117	26078	4.283	ug/L	99
46) Tetrachloroethene	7.905	164	4163	1.192	ug/L	94

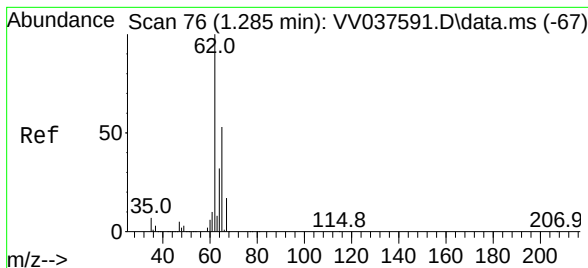
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 27 23:45:04 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.327 ug/L

RT: 1.282 min Scan# 76

Delta R.T. -0.003 min

Lab File: VV037609.D

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Instrument :

MSVOA_V

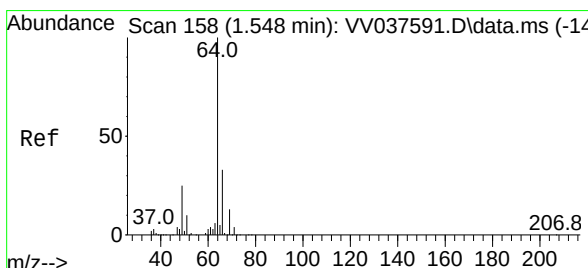
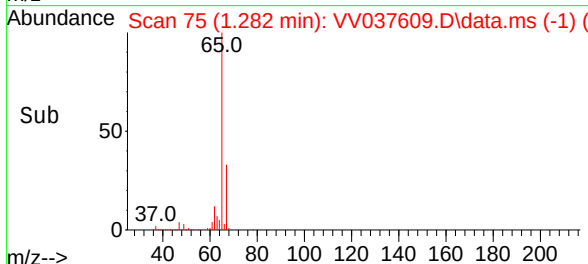
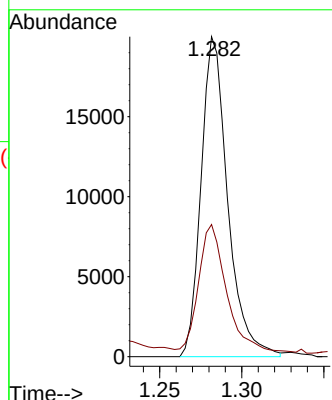
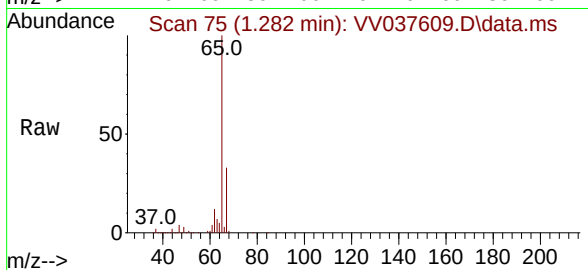
ClientSampleId :

Tgt Ion: 62 Resp: 22581

Ion Ratio Lower Upper

62 100

64 41.3 23.2 43.0



#8

Chloroethane

Concen: 9.856 ug/L

RT: 1.536 min Scan# 154

Delta R.T. -0.013 min

Lab File: VV037609.D

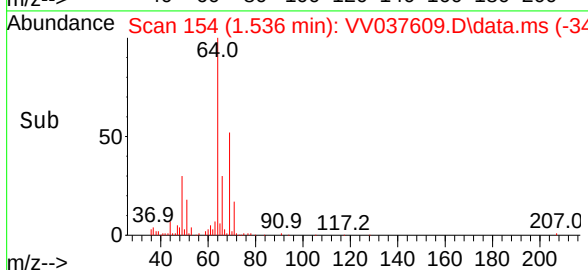
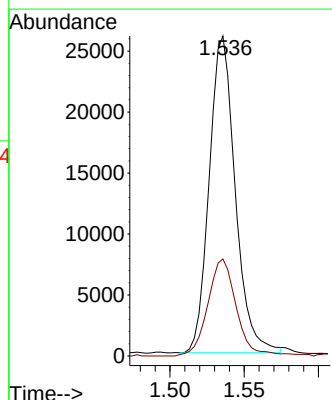
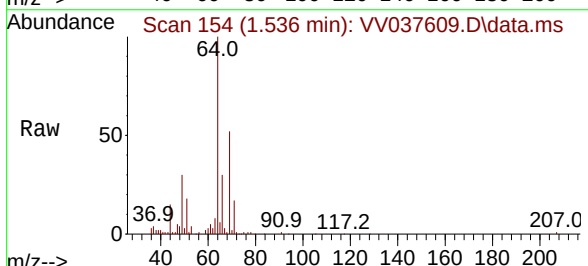
Acq: 27 Sep 2024 16:20

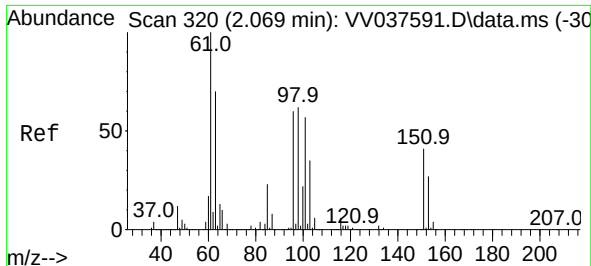
Tgt Ion: 64 Resp: 31705

Ion Ratio Lower Upper

64 100

66 30.3 22.2 41.2





#12

1,1-Dichloroethene

Concen: 1.631 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.009 min

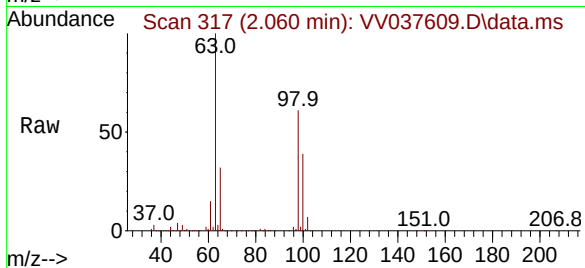
Lab File: VV037609.D

Acq: 27 Sep 2024 16:20

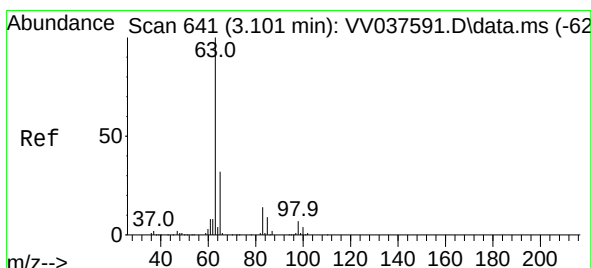
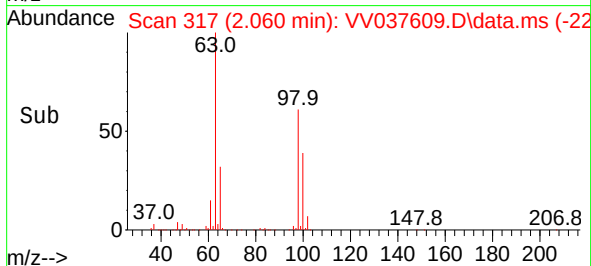
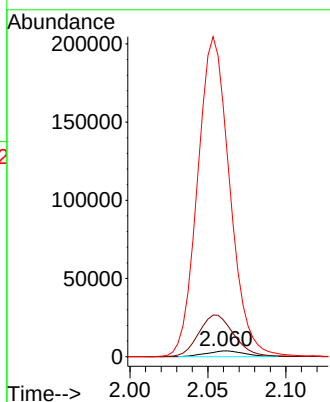
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	96	Resp:	6397
Ion	Ratio	Lower	Upper
96	100		
61	640.6	122.6	227.6#
63	4371.0	118.0	219.2#



#19

1,1-Dichloroethane

Concen: 45.460 ug/L

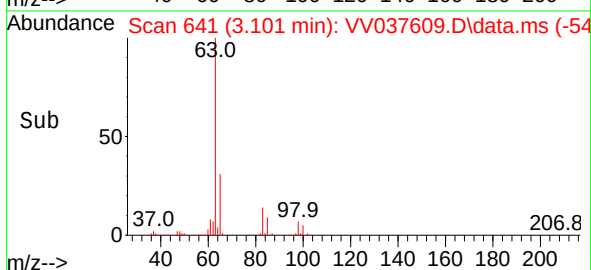
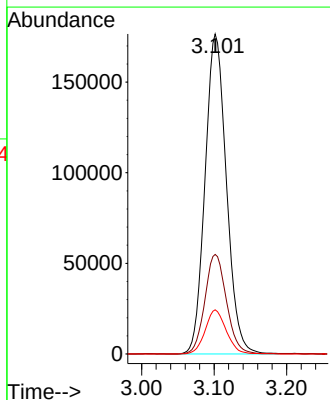
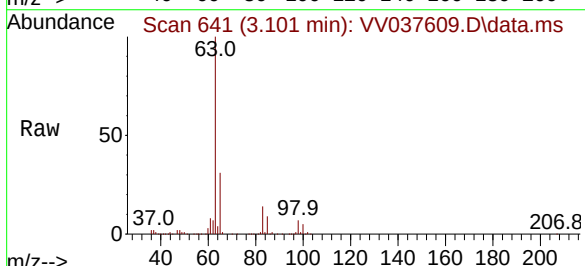
RT: 3.101 min Scan# 641

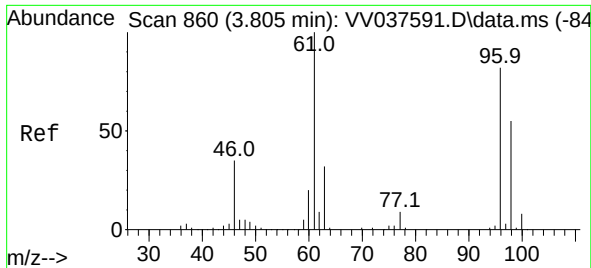
Delta R.T. 0.000 min

Lab File: VV037609.D

Acq: 27 Sep 2024 16:20

Tgt Ion:	63	Resp:	361331
Ion	Ratio	Lower	Upper
63	100		
65	31.1	22.4	41.6
83	13.8	9.5	17.7





#20

cis-1,2-Dichloroethene

Concen: 44.293 ug/L

RT: 3.802 min Scan# 860

Delta R.T. -0.003 min

Lab File: VV037609.D

Acq: 27 Sep 2024 16:20

Instrument :

MSVOA_V

ClientSampleId :

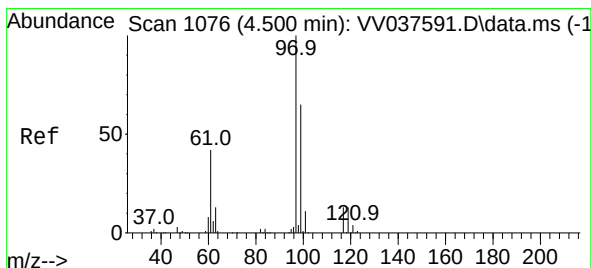
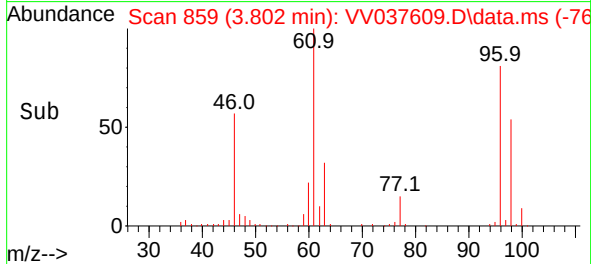
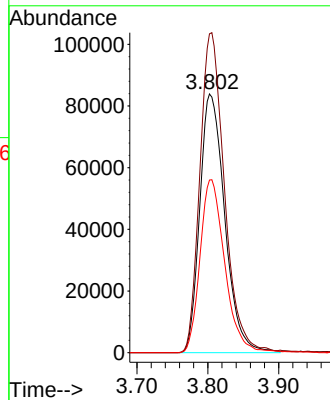
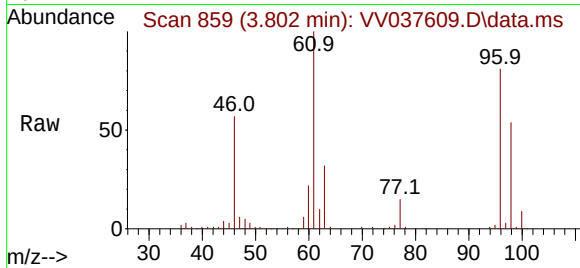
Tgt Ion: 96 Resp: 205624

Ion Ratio Lower Upper

96 100

61 123.2 85.0 157.8

98 66.7 44.2 82.0



#30

1,1,1-Trichloroethane

Concen: 29.157 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VV037609.D

Acq: 27 Sep 2024 16:20

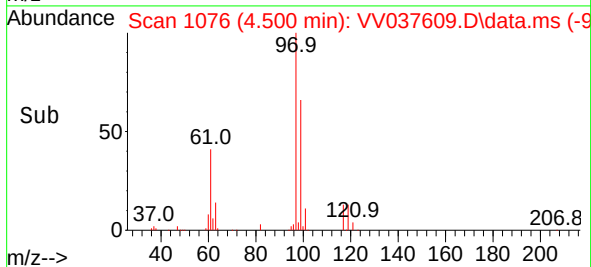
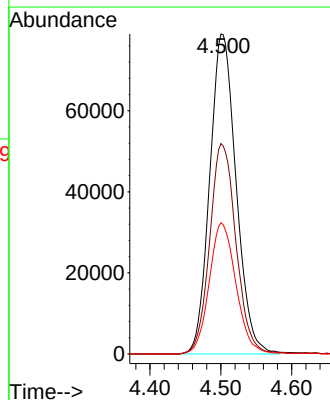
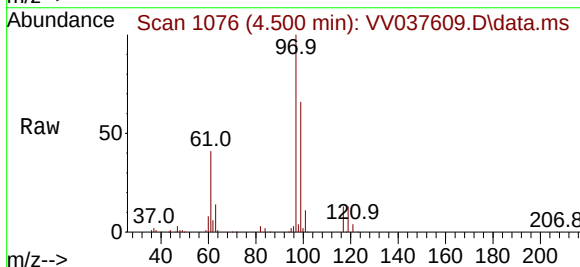
Tgt Ion: 97 Resp: 204201

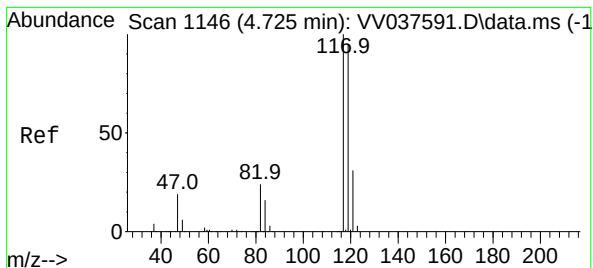
Ion Ratio Lower Upper

97 100

99 65.5 51.8 77.6

61 41.5 33.6 50.4





#31

Carbon tetrachloride

Concen: 4.283 ug/L

RT: 4.503 min Scan# 1

Delta R.T. -0.222 min

Lab File: VV037609.D

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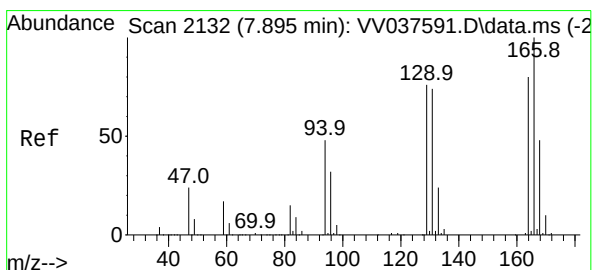
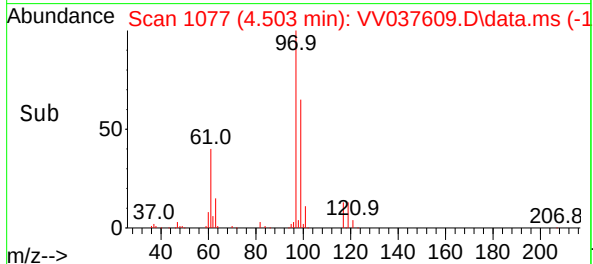
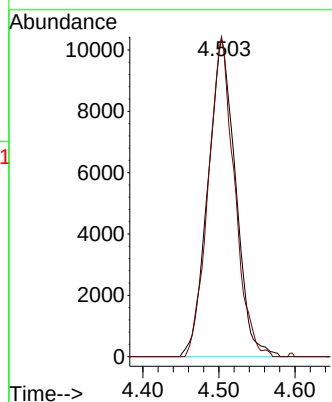
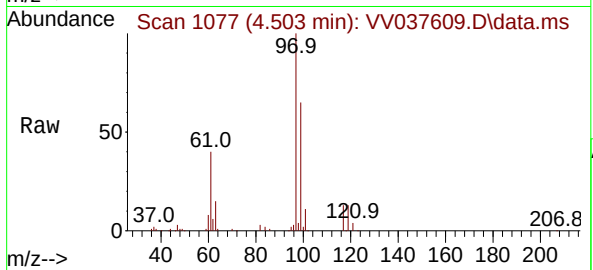
ClientSampleId :

Tgt Ion:117 Resp: 26078

Ion Ratio Lower Upper

117 100

119 95.1 76.9 115.3



#46

Tetrachloroethene

Concen: 1.192 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.010 min

Lab File: VV037609.D

Acq: 27 Sep 2024 16:20

Tgt Ion:164 Resp: 4163

Ion Ratio Lower Upper

164 100

129 104.9 68.2 126.6

131 97.6 66.1 122.8

166 136.9 91.1 169.1

