

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037621.D
 Acq On : 27 Sep 2024 21:01
 Operator : SY/MD
 Sample : P4184-21DL 5X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 04:19:41 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)

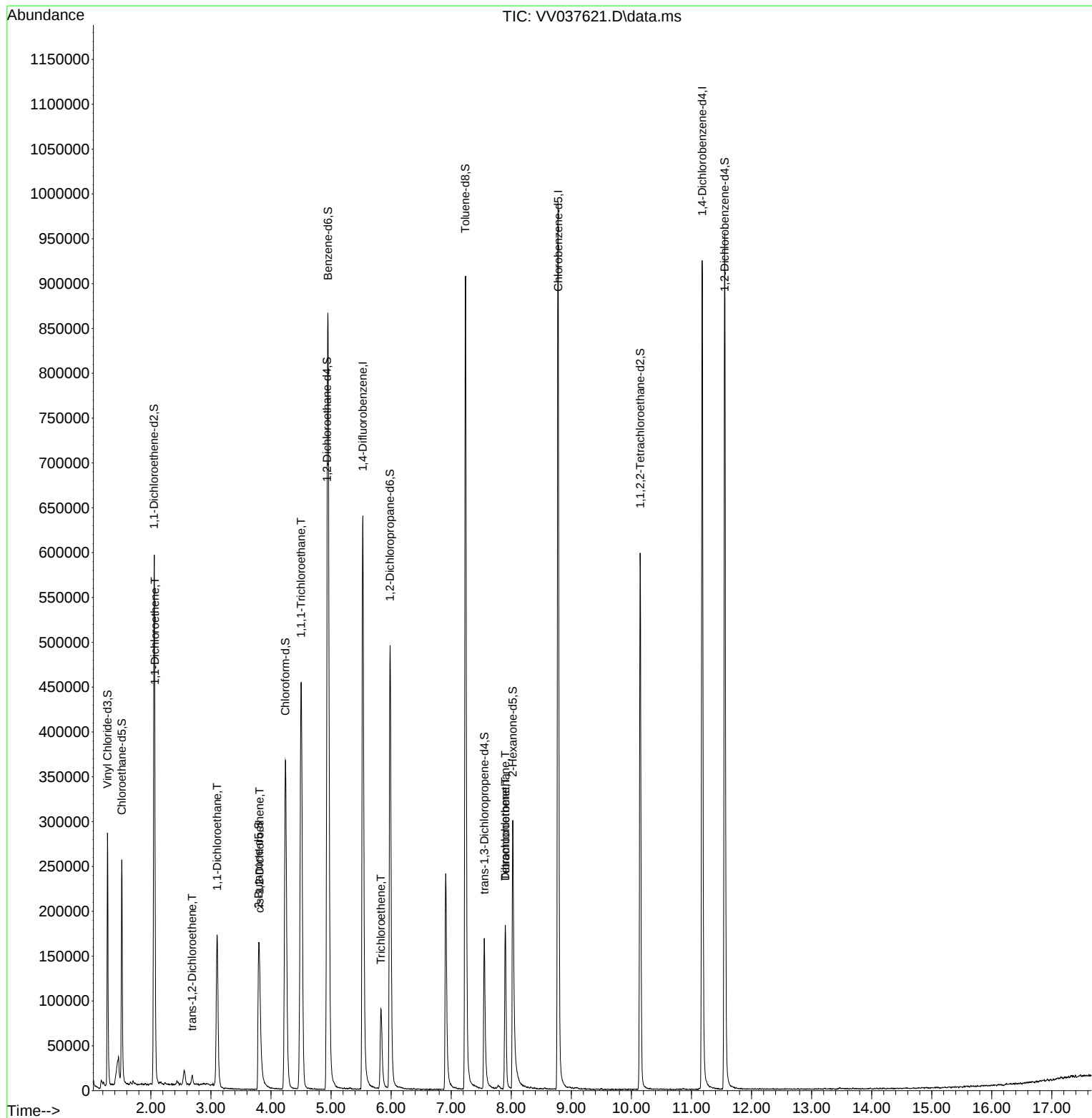
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	571998	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	548035	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	250494	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	192666	38.370	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	76.740%	
7) Chloroethane-d5	1.516	69	167093	42.871	ug/L	-0.02
Spiked Amount	50.000	Range 70 - 130	Recovery	=	85.740%	
11) 1,1-Dichloroethene-d2	2.053	65	84821	40.433	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	80.860%	
21) 2-Butanone-d5	3.793	46	171225	95.738	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	95.740%	
24) Chloroform-d	4.239	84	397293	44.473	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.940%	
26) 1,2-Dichloroethane-d4	4.934	65	245439	46.939	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.880%	
32) Benzene-d6	4.950	84	761196	44.387	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.780%	
36) 1,2-Dichloropropane-d6	5.982	67	249914	45.765	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	91.540%	
41) Toluene-d8	7.236	98	635256	40.852	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	81.700%	
43) trans-1,3-Dichloroprop...	7.551	79	104784	41.306	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	82.620%	
47) 2-Hexanone-d5	8.024	63	105234	91.262	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	91.260%	
56) 1,1,2,2-Tetrachloroeth...	10.146	84	294697	46.445	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	92.900%	
66) 1,2-Dichlorobenzene-d4	11.554	152	250721	47.499	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	95.000%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.066	96	52713	13.842	ug/L #	52
17) trans-1,2-Dichloroethene	2.687	96	3788	0.940	ug/L	91
19) 1,1-Dichloroethane	3.101	63	167662	21.722	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	42603	9.450	ug/L	96
30) 1,1,1-Trichloroethane	4.503	97	386779	57.303	ug/L	99
34) Trichloroethene	5.831	95	32608	7.408	ug/L	95
46) Tetrachloroethene	7.902	164	42032	12.490	ug/L	96
49) Dibromochloromethane	7.902	129	39828	9.182	ug/L #	10

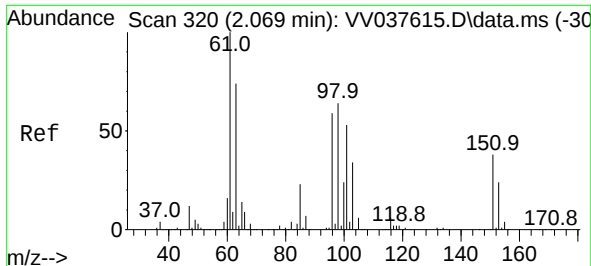
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
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Misc : 5mL/MSVOA_V/WATER
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Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 28 04:19:41 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





#12

1,1-Dichloroethene

Concen: 13.842 ug/L

RT: 2.066 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV037621.D

Acq: 27 Sep 2024 21:01

Instrument :

MSVOA_V

ClientSampleId :

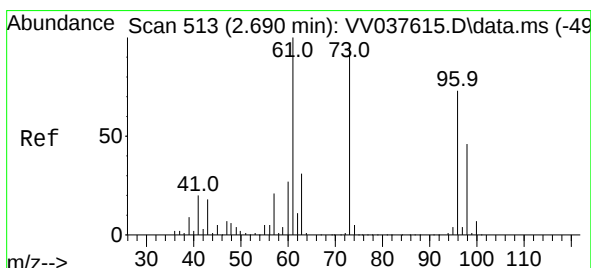
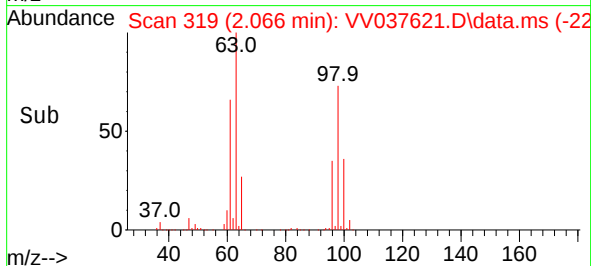
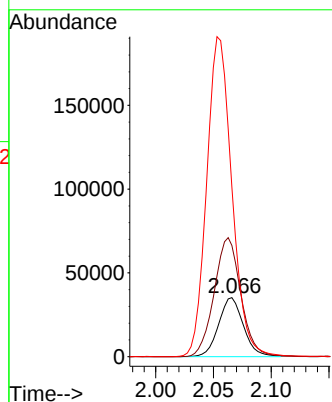
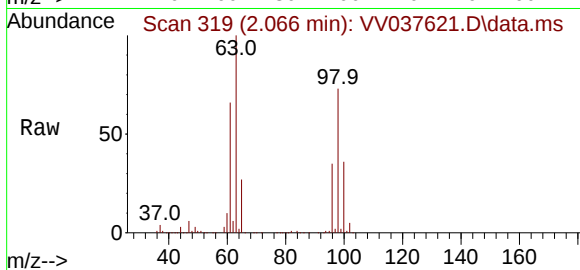
Tgt Ion: 96 Resp: 52713

Ion Ratio Lower Upper

96 100

61 188.4 122.6 227.6

63 287.5 118.0 219.2#



#17

trans-1,2-Dichloroethene

Concen: 0.940 ug/L

RT: 2.687 min Scan# 512

Delta R.T. -0.003 min

Lab File: VV037621.D

Acq: 27 Sep 2024 21:01

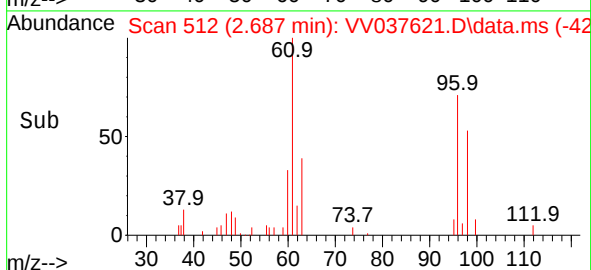
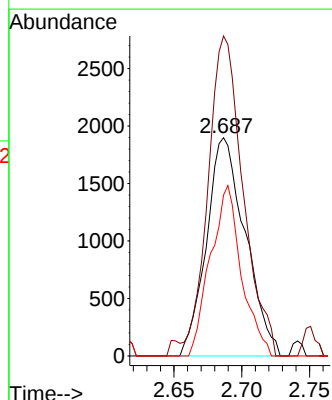
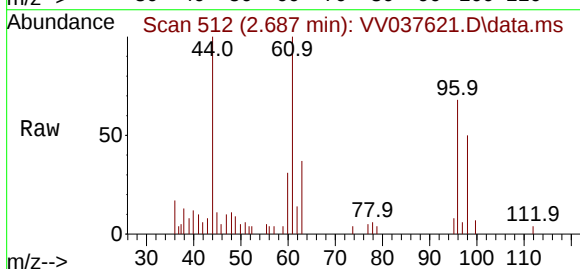
Tgt Ion: 96 Resp: 3788

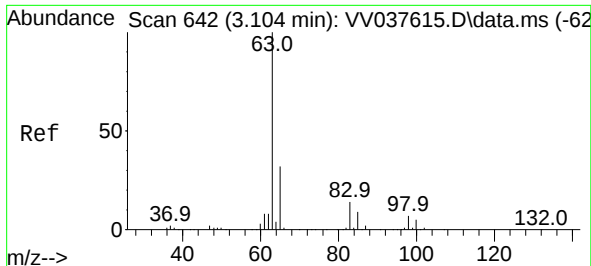
Ion Ratio Lower Upper

96 100

61 146.7 97.3 180.7

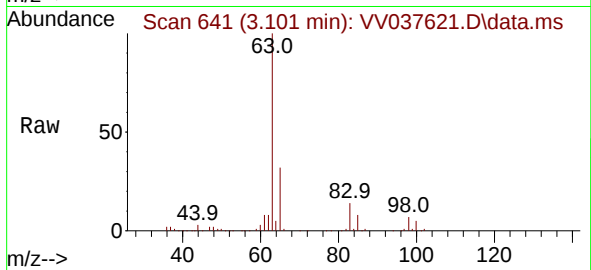
98 73.8 43.9 81.5



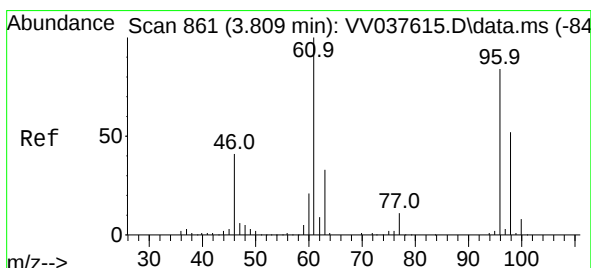
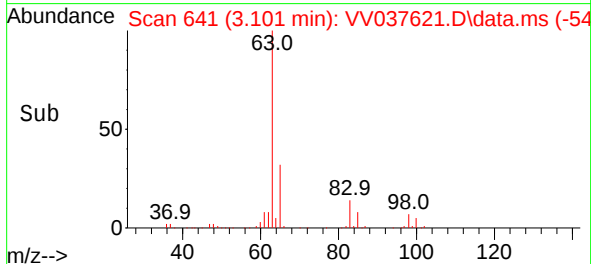
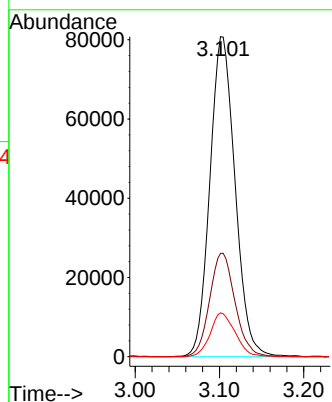


#19
1,1-Dichloroethane
Concen: 21.722 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.003 min
Lab File: VV037621.D
Acq: 27 Sep 2024 21:01

Instrument :
MSVOA_V
ClientSampleId :

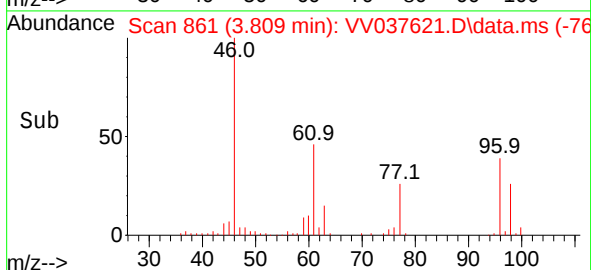
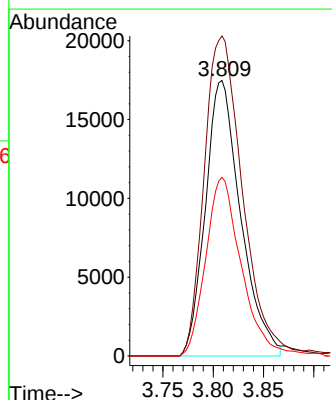
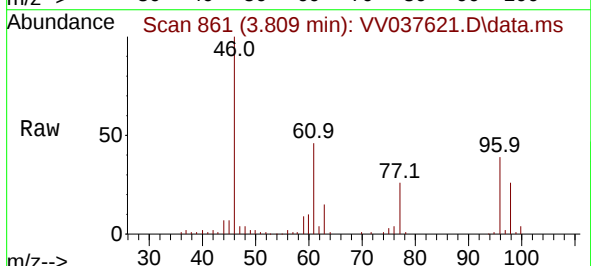


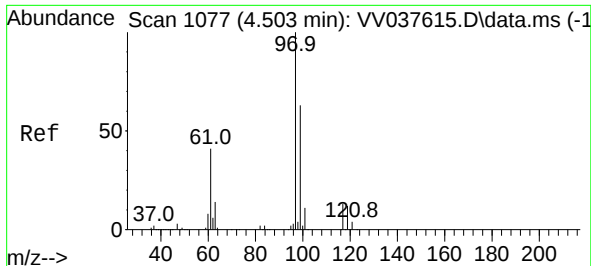
Tgt Ion: 63 Resp: 167662
Ion Ratio Lower Upper
63 100
65 32.3 22.4 41.6
83 13.7 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 9.450 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV037621.D
Acq: 27 Sep 2024 21:01

Tgt Ion: 96 Resp: 42603
Ion Ratio Lower Upper
96 100
61 116.2 85.0 157.8
98 64.8 44.2 82.0





#30

1,1,1-Trichloroethane

Concen: 57.303 ug/L

RT: 4.503 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV037621.D

Acq: 27 Sep 2024 21:01

Instrument :

MSVOA_V

ClientSampleId :

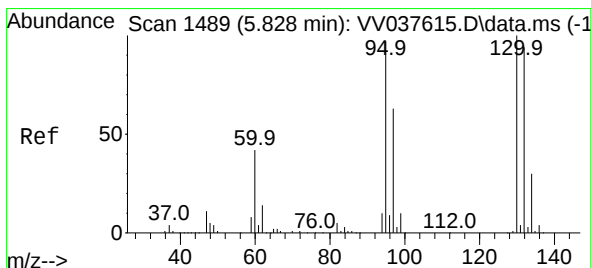
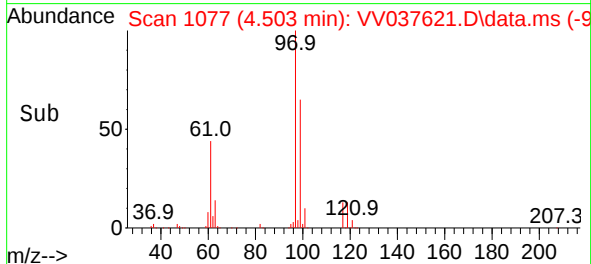
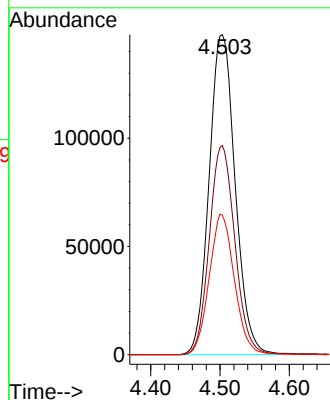
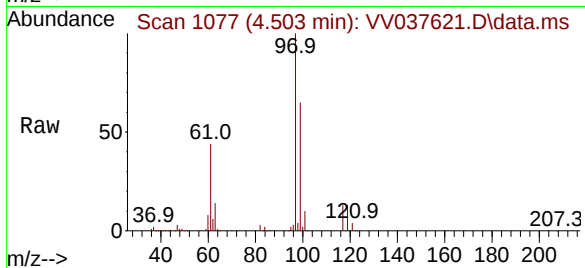
Tgt Ion: 97 Resp: 386779

Ion Ratio Lower Upper

97 100

99 64.1 51.8 77.6

61 42.4 33.6 50.4



#34

Trichloroethene

Concen: 7.408 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.003 min

Lab File: VV037621.D

Acq: 27 Sep 2024 21:01

Tgt Ion: 95 Resp: 32608

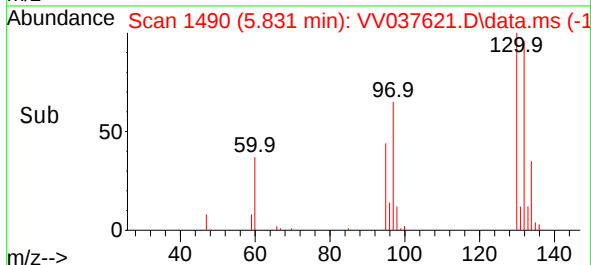
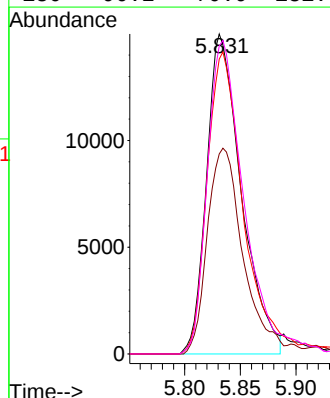
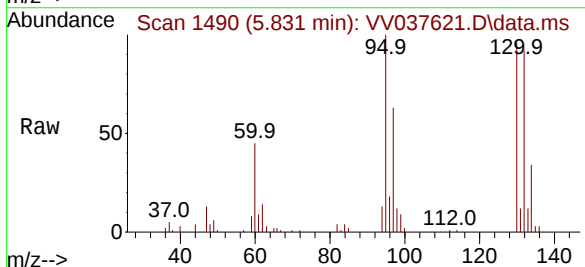
Ion Ratio Lower Upper

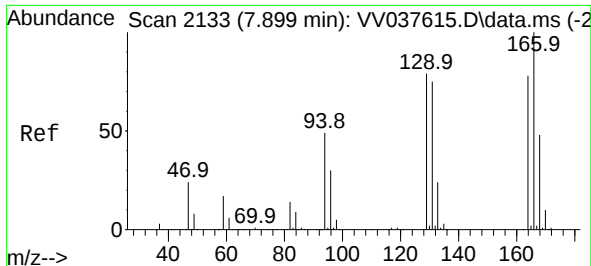
95 100

97 62.5 46.3 85.9

132 92.1 68.6 127.4

130 96.2 70.9 131.7





#46

Tetrachloroethene

Concen: 12.490 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.003 min

Lab File: VV037621.D

Acq: 27 Sep 2024 21:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 42032

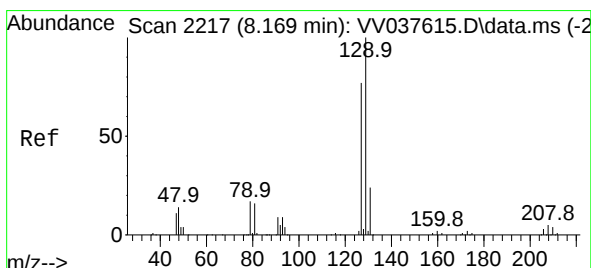
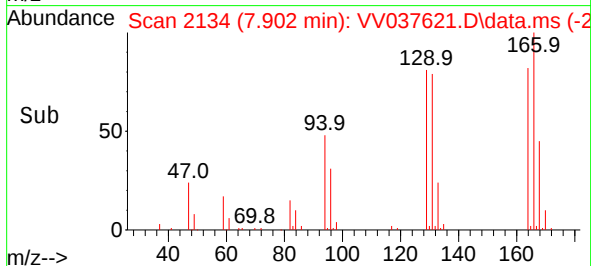
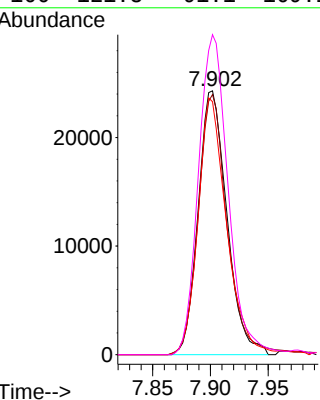
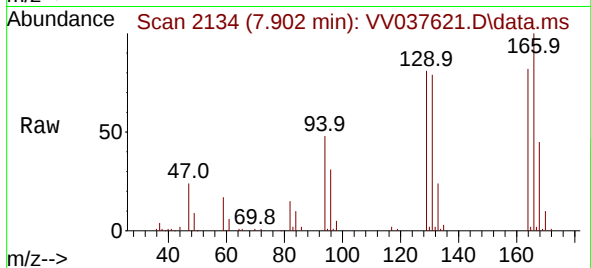
Ion Ratio Lower Upper

164 100

129 98.6 68.2 126.6

131 95.9 66.1 122.8

166 121.3 91.1 169.1



#49

Dibromochloromethane

Concen: 9.182 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. -0.267 min

Lab File: VV037621.D

Acq: 27 Sep 2024 21:01

Tgt Ion:129 Resp: 39828

Ion Ratio Lower Upper

129 100

127 0.0 54.9 101.9#

