

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037577.D
 Acq On : 27 Sep 2024 02:36
 Operator : SY/MD
 Sample : P4185-01
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 03:41:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 02:22:28 2024
 Response via : Initial Calibration

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

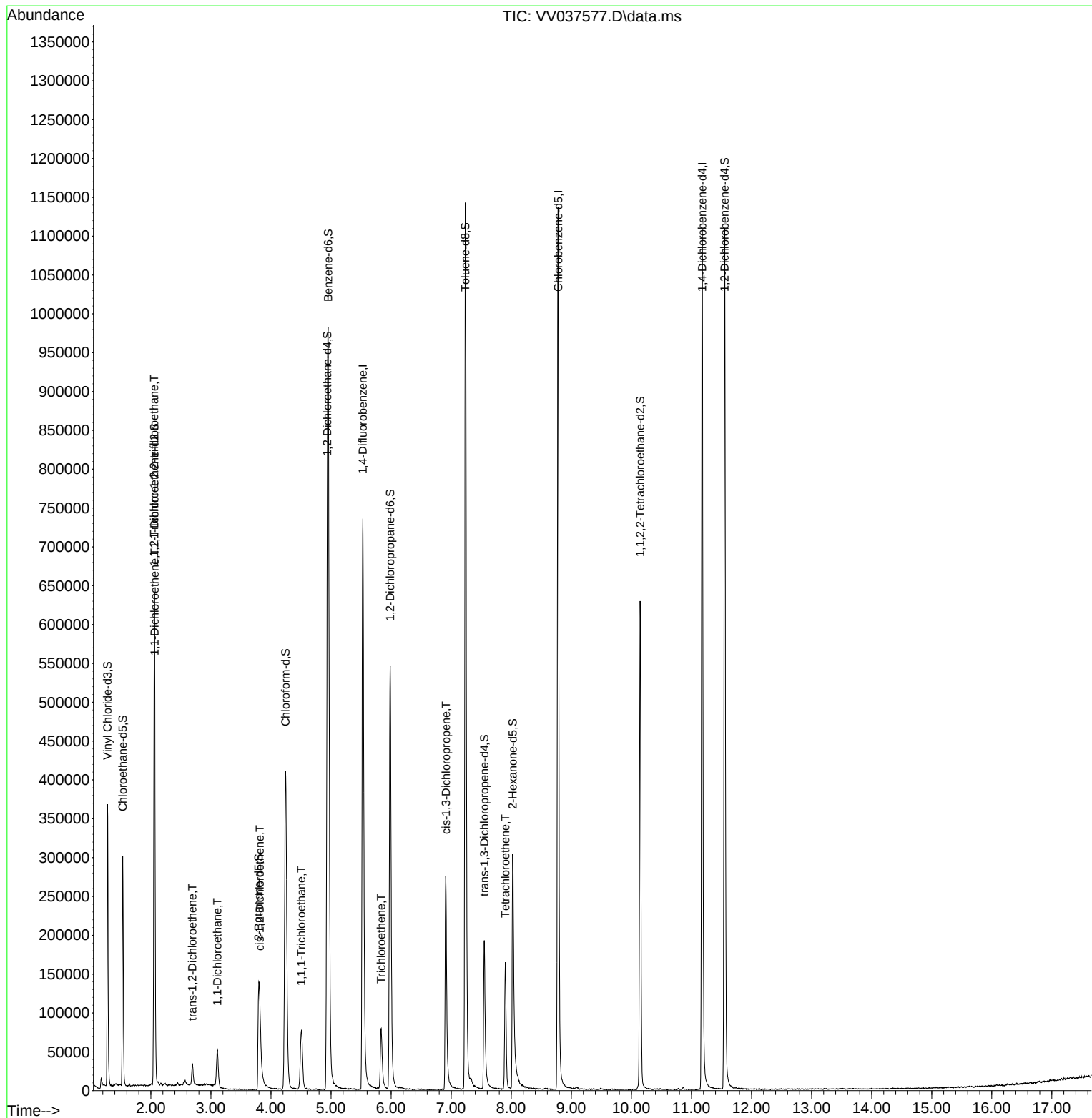
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	653502	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	628331	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	295255	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	238770	41.621	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.240%		
7) Chloroethane-d5	1.532	69	194153	43.602	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.200%		
11) 1,1-Dichloroethene-d2	2.060	65	104980	43.801	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.600%		
21) 2-Butanone-d5	3.796	46	172108	84.230	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.230%		
24) Chloroform-d	4.243	84	441369	43.245	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.480%		
26) 1,2-Dichloroethane-d4	4.937	65	266706	44.644	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.280%		
32) Benzene-d6	4.953	84	881783	44.848	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.700%		
36) 1,2-Dichloropropane-d6	5.986	67	278803	44.531	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.060%		
41) Toluene-d8	7.236	98	773698	43.396	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.800%		
43) trans-1,3-Dichloroprop...	7.551	79	114500	39.368	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.740%		
47) 2-Hexanone-d5	8.024	63	105461	79.771	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	79.770%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	308845	42.455	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.900%		
66) 1,2-Dichlorobenzene-d4	11.555	152	290206	46.645	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.280%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.057	101	3441	0.739	ug/L #	24
12) 1,1-Dichloroethene	2.066	96	7103	1.633	ug/L #	1
17) trans-1,2-Dichloroethene	2.690	96	8931	1.940	ug/L	96
19) 1,1-Dichloroethane	3.108	63	43762	4.963	ug/L	96
20) cis-1,2-Dichloroethene	3.812	96	30335	5.890	ug/L	97
30) 1,1,1-Trichloroethane	4.507	97	65568	8.473	ug/L	99
34) Trichloroethene	5.834	95	28446	5.637	ug/L	96
39) cis-1,3-Dichloropropene	6.912	75	7017	0.898	ug/L #	59
46) Tetrachloroethene	7.902	164	37629	9.752	ug/L	97

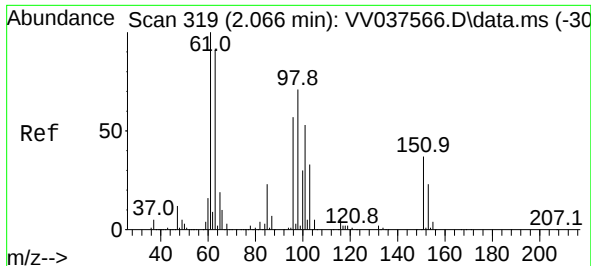
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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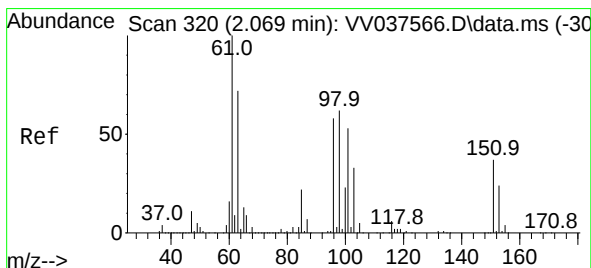
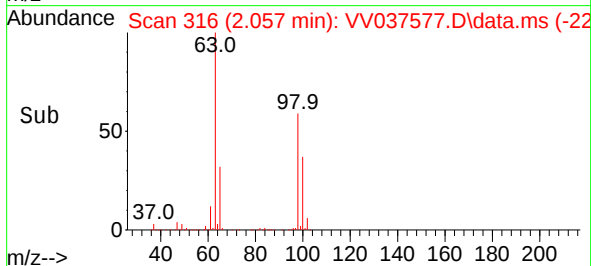
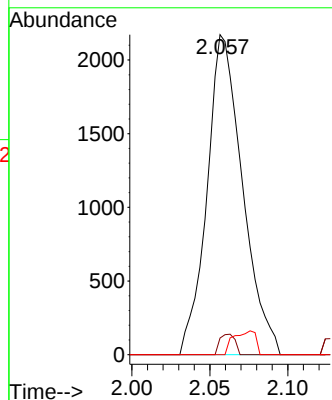
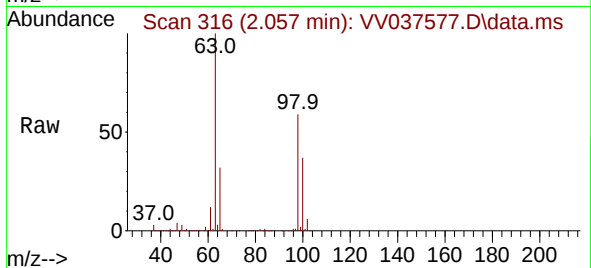




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.739 ug/L
RT: 2.057 min Scan# 316
Delta R.T. -0.010 min
Lab File: VV037577.D
Acq: 27 Sep 2024 02:36

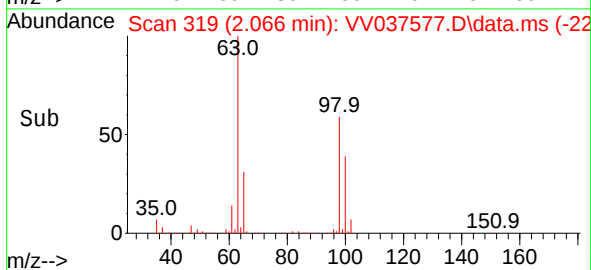
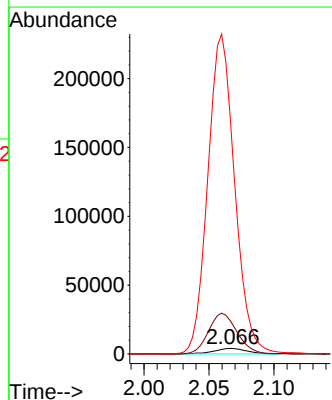
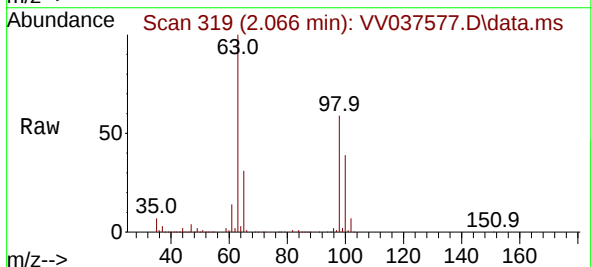
Instrument :
MSVOA_V
ClientSampleId :

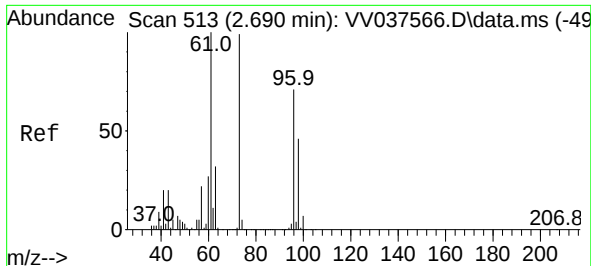
Tgt Ion:101 Resp: 3441
Ion Ratio Lower Upper
101 100
85 2.8 34.6 52.0#
151 2.6 57.5 86.3#



#12
1,1-Dichloroethene
Concen: 1.633 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.003 min
Lab File: VV037577.D
Acq: 27 Sep 2024 02:36

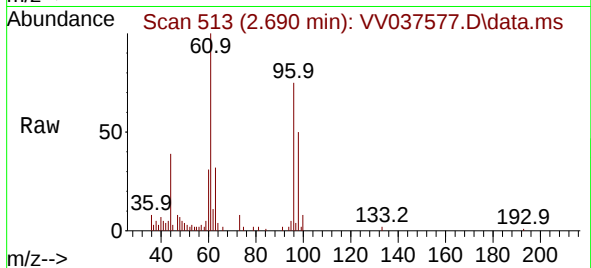
Tgt Ion: 96 Resp: 7103
Ion Ratio Lower Upper
96 100
61 599.6 122.6 227.6#
63 4264.0 118.0 219.2#



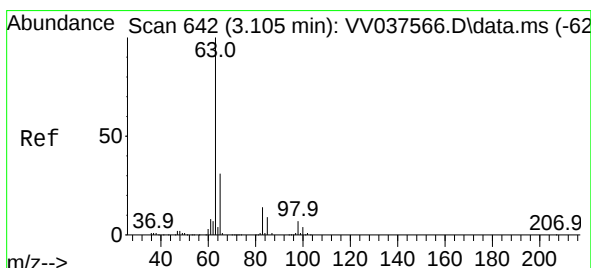
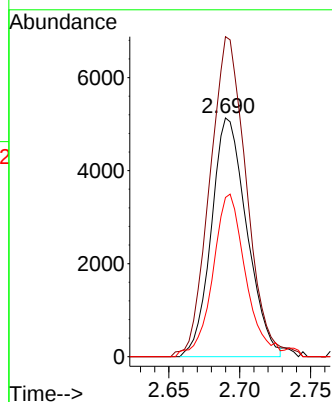
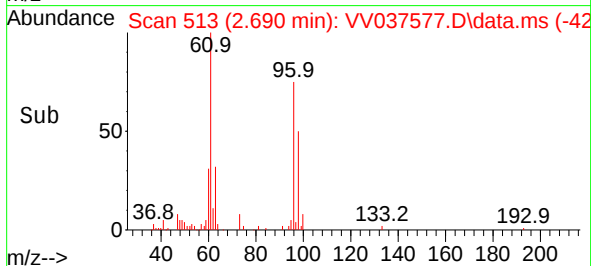


#17
trans-1,2-Dichloroethene
Concen: 1.940 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV037577.D
Acq: 27 Sep 2024 02:36

Instrument :
MSVOA_V
ClientSampleId :

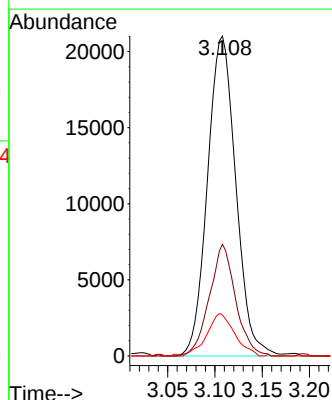
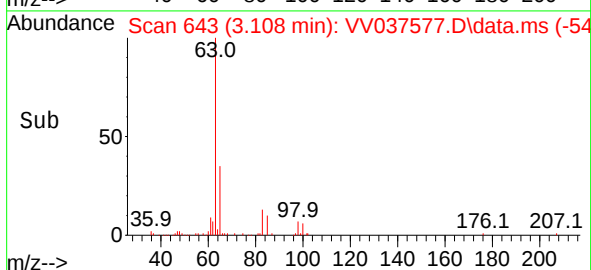
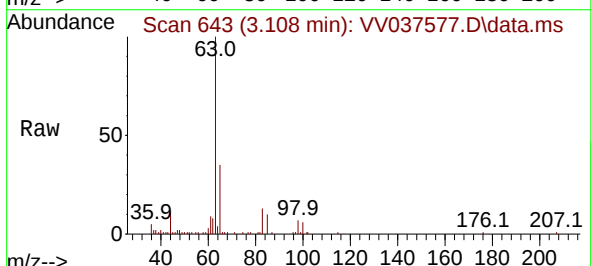


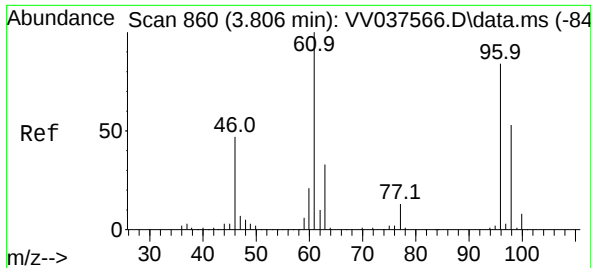
Tgt Ion: 96 Resp: 8931
Ion Ratio Lower Upper
96 100
61 134.0 97.3 180.7
98 66.7 43.9 81.5



#19
1,1-Dichloroethane
Concen: 4.963 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.003 min
Lab File: VV037577.D
Acq: 27 Sep 2024 02:36

Tgt Ion: 63 Resp: 43762
Ion Ratio Lower Upper
63 100
65 34.9 22.4 41.6
83 12.8 9.5 17.7





#20

cis-1,2-Dichloroethene

Concen: 5.890 ug/L

RT: 3.812 min Scan# 80

Delta R.T. 0.006 min

Lab File: VV037577.D

Acq: 27 Sep 2024 02:36

Instrument :

MSVOA_V

ClientSampleId :

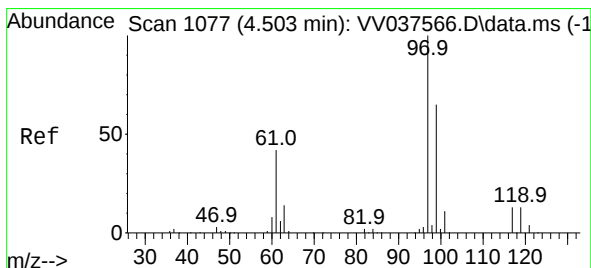
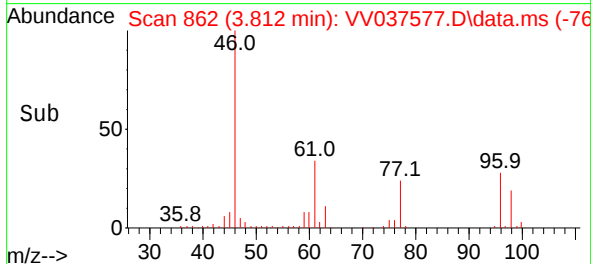
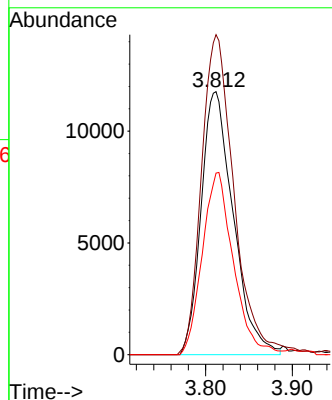
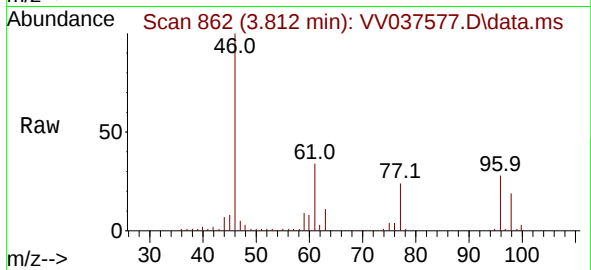
Tgt Ion: 96 Resp: 30335

Ion Ratio Lower Upper

96 100

61 121.6 85.0 157.8

98 69.1 44.2 82.0



#30

1,1,1-Trichloroethane

Concen: 8.473 ug/L

RT: 4.507 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV037577.D

Acq: 27 Sep 2024 02:36

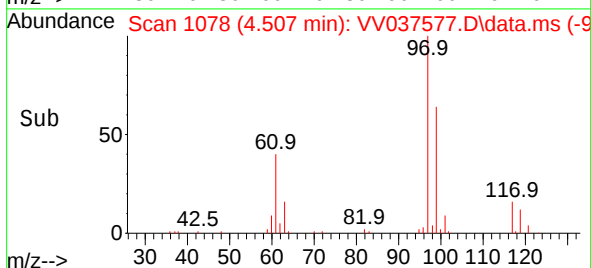
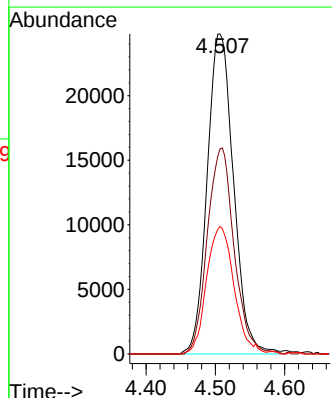
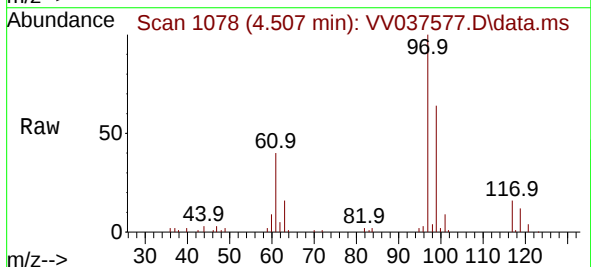
Tgt Ion: 97 Resp: 65568

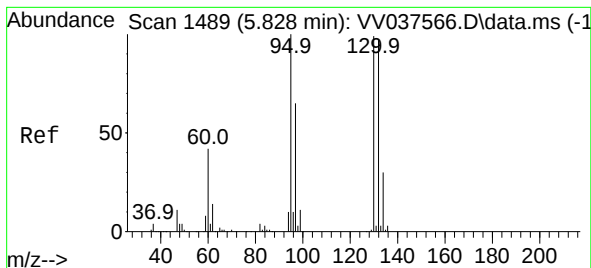
Ion Ratio Lower Upper

97 100

99 65.5 51.8 77.6

61 40.8 33.6 50.4





#34

Trichloroethene

Concen: 5.637 ug/L

RT: 5.834 min Scan# 1489

Delta R.T. 0.007 min

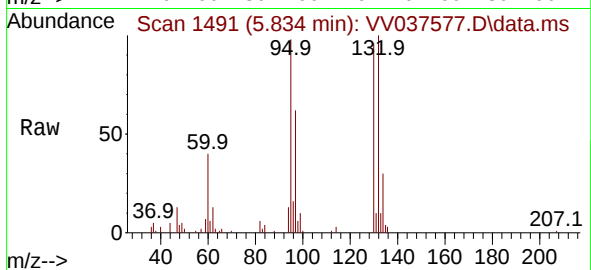
Lab File: VV037577.D

Acq: 27 Sep 2024 02:36

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 28446

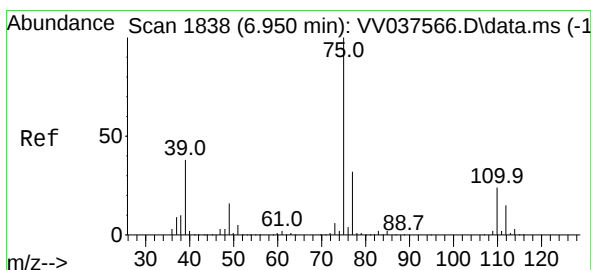
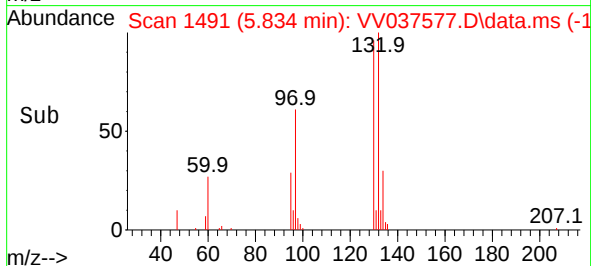
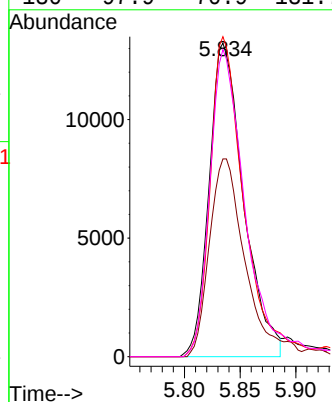
Ion Ratio Lower Upper

95 100

97 63.1 46.3 85.9

132 102.1 68.6 127.4

130 97.9 70.9 131.7



#39

cis-1,3-Dichloropropene

Concen: 0.898 ug/L

RT: 6.912 min Scan# 1826

Delta R.T. -0.038 min

Lab File: VV037577.D

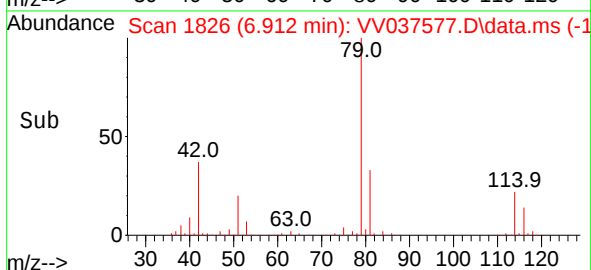
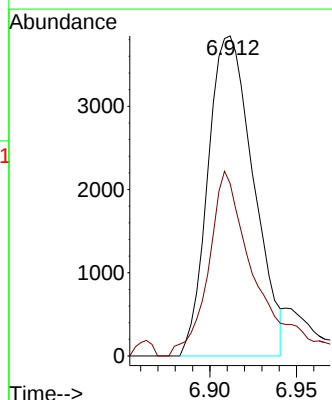
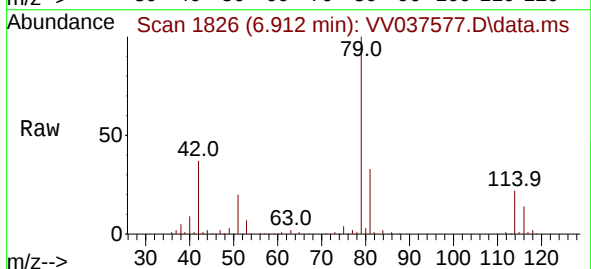
Acq: 27 Sep 2024 02:36

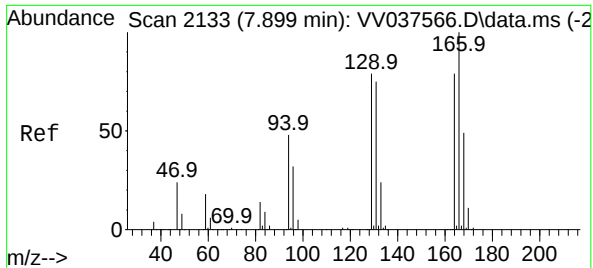
Tgt Ion: 75 Resp: 7017

Ion Ratio Lower Upper

75 100

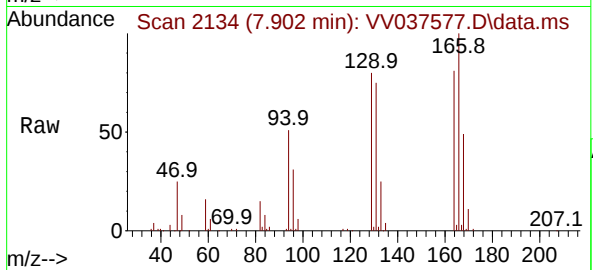
77 53.9 21.8 40.4#





#46
Tetrachloroethene
Concen: 9.752 ug/L
RT: 7.902 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV037577.D
Acq: 27 Sep 2024 02:36

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Tgt Ion:	164	Resp:	37629
Ion	Ratio	Lower	Upper
164	100		
129	99.8	68.2	126.6
131	92.8	66.1	122.8
166	124.0	91.1	169.1

