

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037558.D
 Acq On : 26 Sep 2024 19:00
 Operator : SY/MD
 Sample : P4184-07
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 00:54:48 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)

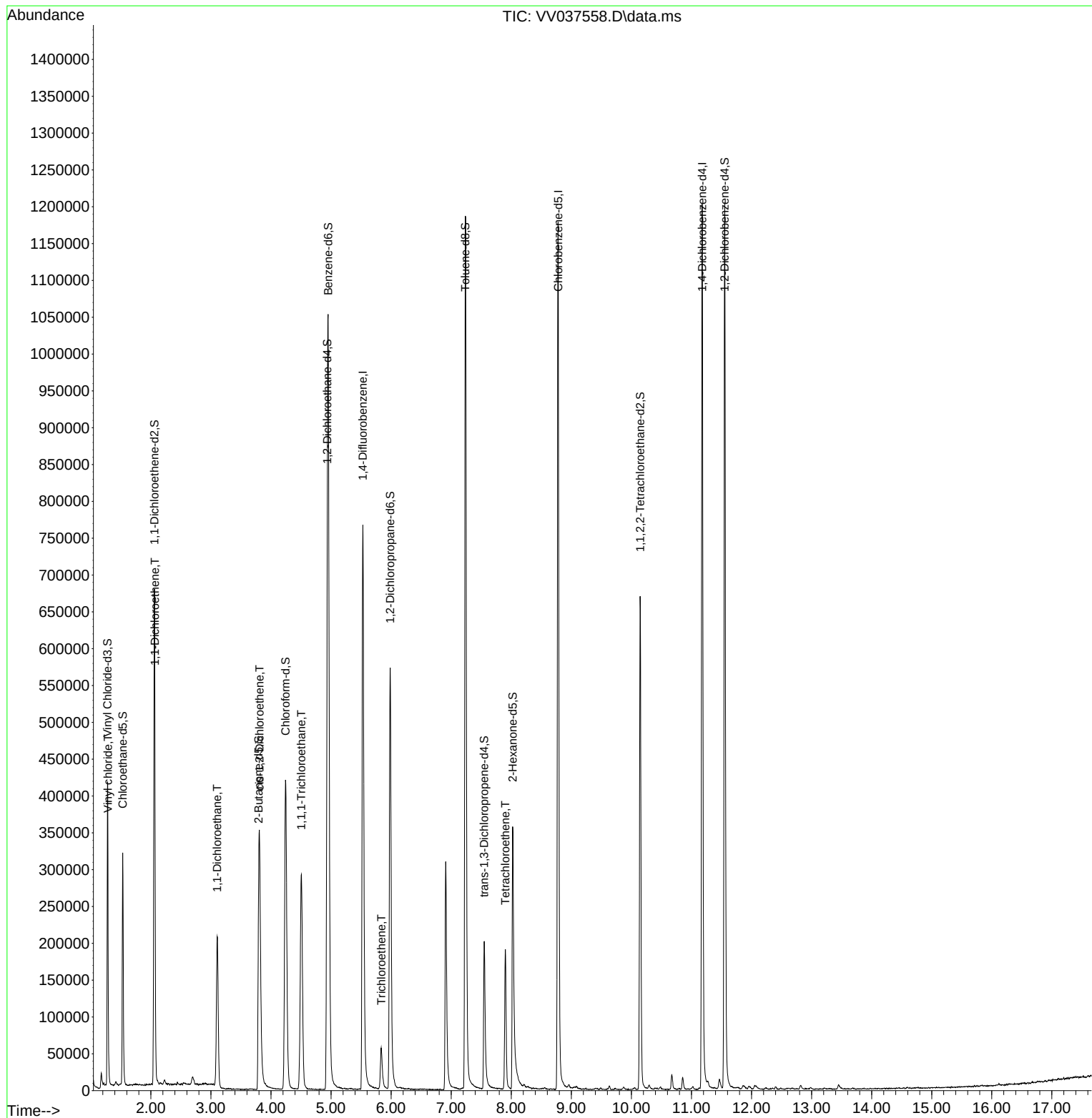
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	683583	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	658061	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	316973	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	261412	43.563	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.120%
7) Chloroethane-d5	1.532	69	205023	44.017	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.040%
11) 1,1-Dichloroethene-d2	2.060	65	112421	44.842	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.680%
21) 2-Butanone-d5	3.796	46	201835	94.432	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.430%
24) Chloroform-d	4.243	84	459562	43.046	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.100%
26) 1,2-Dichloroethane-d4	4.937	65	274322	43.899	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.800%
32) Benzene-d6	4.953	84	926019	44.970	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.940%
36) 1,2-Dichloropropane-d6	5.986	67	291096	44.394	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.780%
41) Toluene-d8	7.236	98	811816	43.477	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.960%
43) trans-1,3-Dichloroprop...	7.548	79	127345	41.807	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.620%
47) 2-Hexanone-d5	8.024	63	121577	87.807	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.810%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	331652	43.530	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.060%
66) 1,2-Dichlorobenzene-d4	11.554	152	311280	46.604	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	23712	3.915	ug/L #	79
12) 1,1-Dichloroethene	2.066	96	6094	1.339	ug/L #	1
19) 1,1-Dichloroethane	3.105	63	202662	21.970	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	149827	27.809	ug/L	97
30) 1,1,1-Trichloroethane	4.506	97	247719	30.564	ug/L	99
34) Trichloroethene	5.838	95	18946	3.585	ug/L	98
46) Tetrachloroethene	7.902	164	43768	10.831	ug/L	94

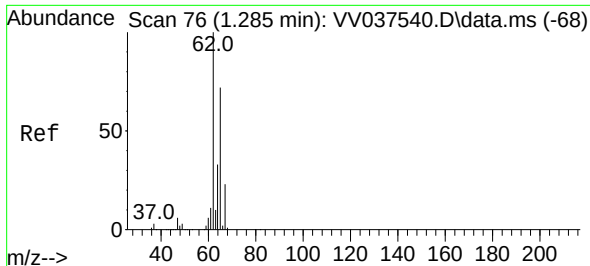
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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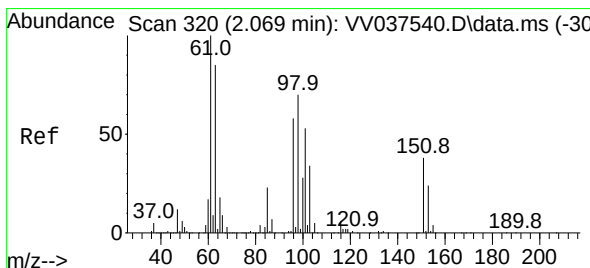
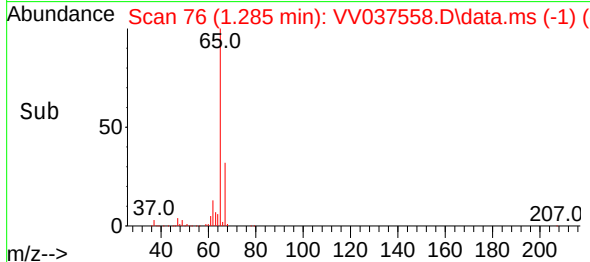
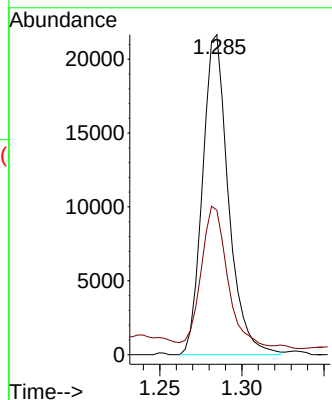
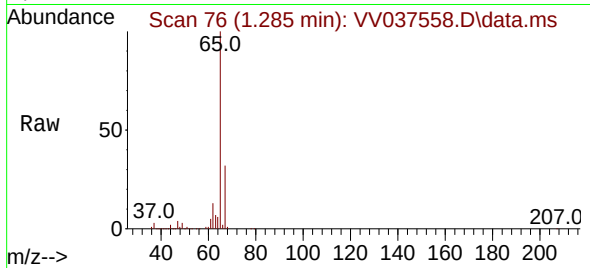




#5
 Vinyl chloride
 Concen: 3.915 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV037558.D
 Acq: 26 Sep 2024 19:00

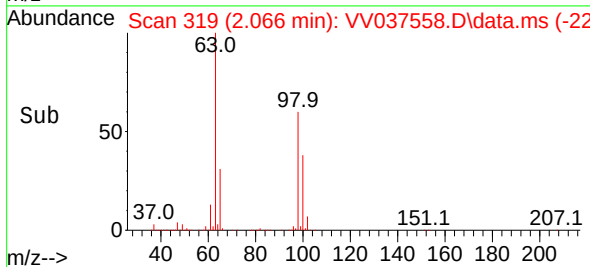
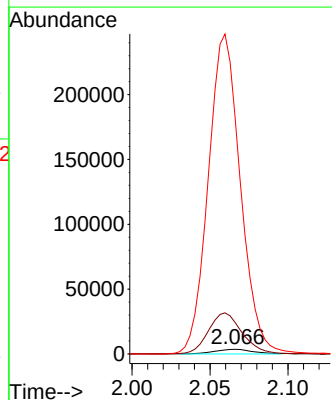
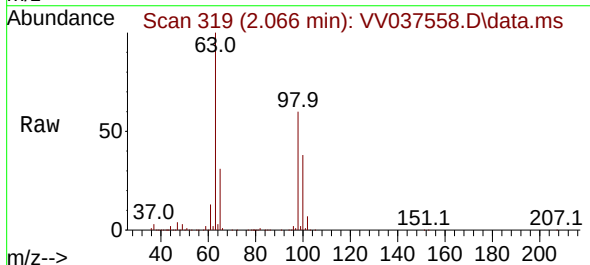
Instrument :
 MSVOA_V
 ClientSampleId :

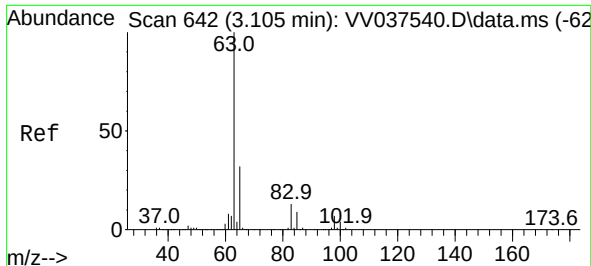
Tgt Ion: 62 Resp: 23712
 Ion Ratio Lower Upper
 62 100
 64 45.1 23.2 43.0#



#12
 1,1-Dichloroethene
 Concen: 1.339 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV037558.D
 Acq: 26 Sep 2024 19:00

Tgt Ion: 96 Resp: 6094
 Ion Ratio Lower Upper
 96 100
 61 669.1 122.6 227.6#
 63 5018.8 118.0 219.2#

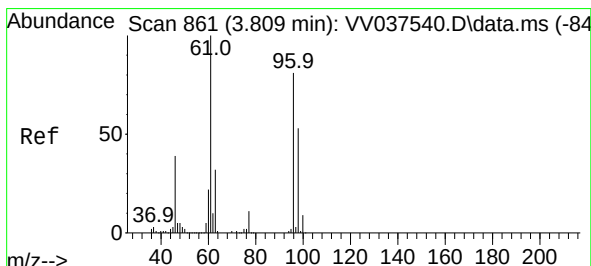
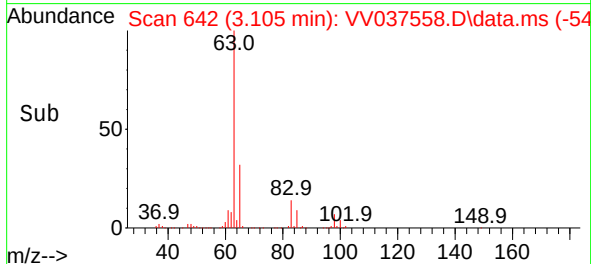
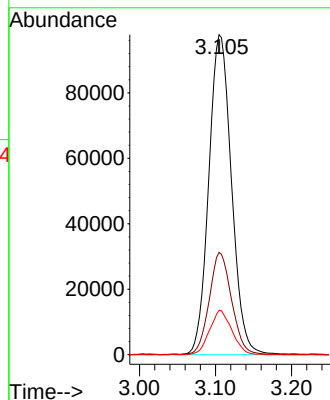
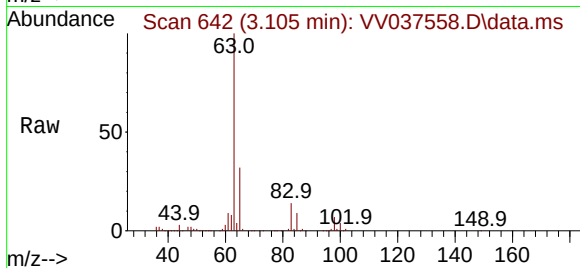




#19
1,1-Dichloroethane
Concen: 21.970 ug/L
RT: 3.105 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV037558.D
Acq: 26 Sep 2024 19:00

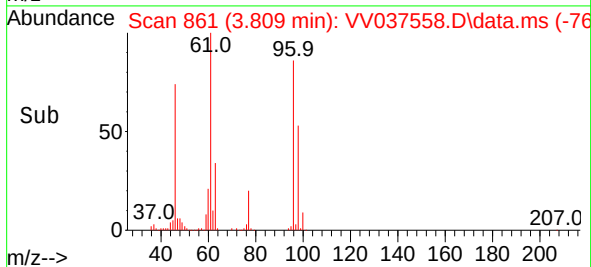
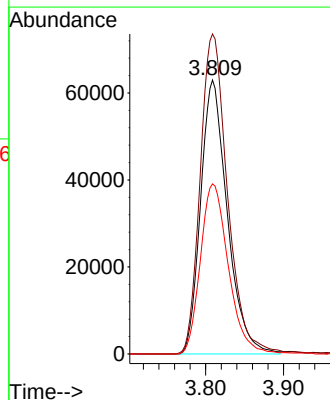
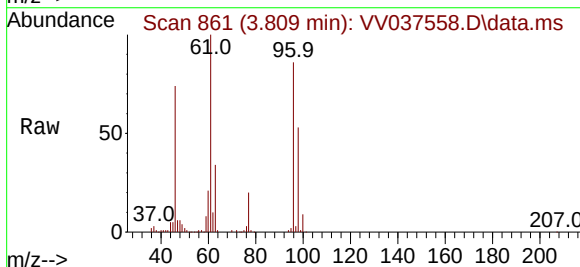
Instrument :
MSVOA_V
ClientSampleId :

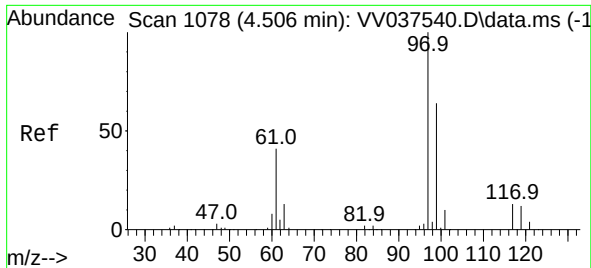
Tgt Ion: 63 Resp: 202662
Ion Ratio Lower Upper
63 100
65 32.0 22.4 41.6
83 13.9 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 27.809 ug/L
RT: 3.809 min Scan# 861
Delta R.T. -0.000 min
Lab File: VV037558.D
Acq: 26 Sep 2024 19:00

Tgt Ion: 96 Resp: 149827
Ion Ratio Lower Upper
96 100
61 116.8 85.0 157.8
98 62.1 44.2 82.0

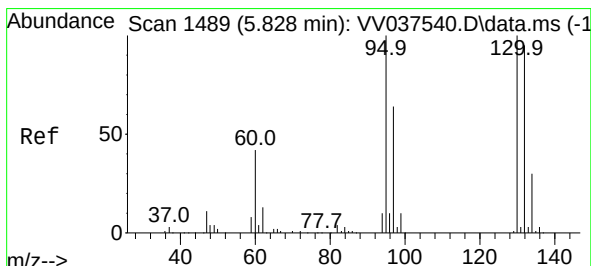
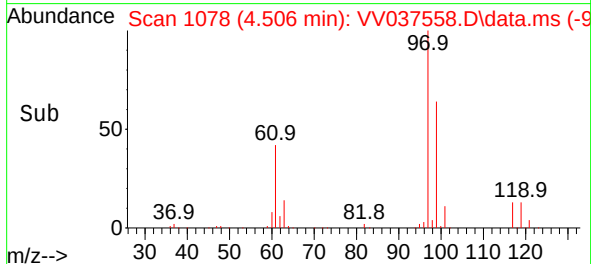
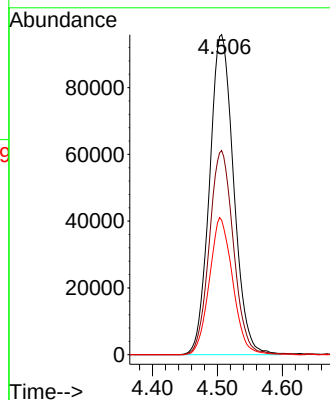
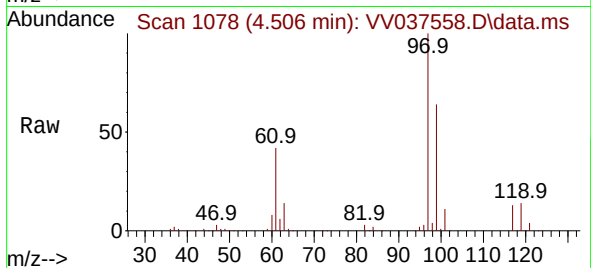




#30
1,1,1-Trichloroethane
Concen: 30.564 ug/L
RT: 4.506 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV037558.D
Acq: 26 Sep 2024 19:00

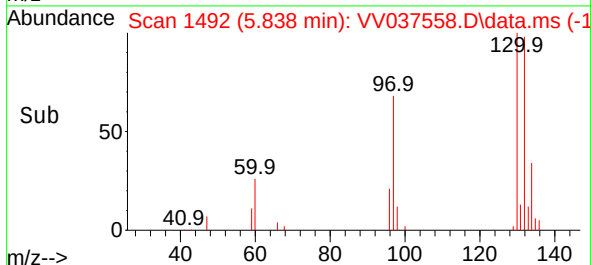
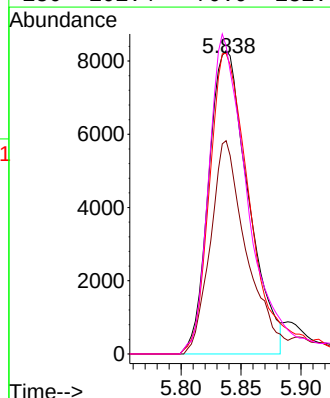
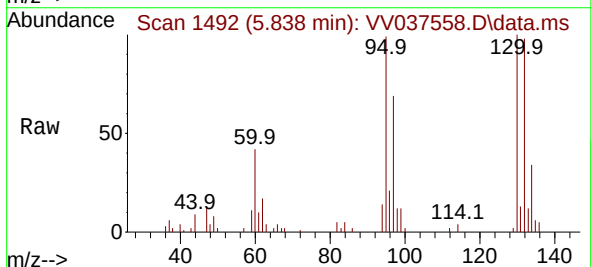
Instrument :
MSVOA_V
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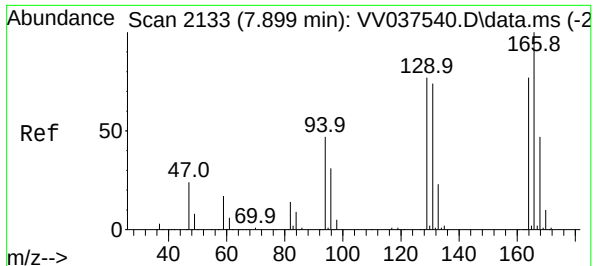
Tgt Ion: 97 Resp: 247719
Ion Ratio Lower Upper
97 100
99 63.7 51.8 77.6
61 41.4 33.6 50.4



#34
Trichloroethene
Concen: 3.585 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.010 min
Lab File: VV037558.D
Acq: 26 Sep 2024 19:00

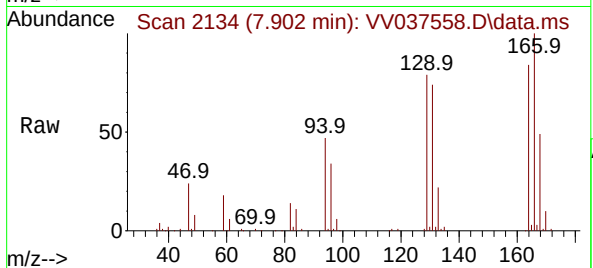
Tgt Ion: 95 Resp: 18946
Ion Ratio Lower Upper
95 100
97 70.3 46.3 85.9
132 99.1 68.6 127.4
130 101.4 70.9 131.7





#46
Tetrachloroethene
Concen: 10.831 ug/L
RT: 7.902 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV037558.D
Acq: 26 Sep 2024 19:00

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	164	Resp:	43768
Ion	Ratio	Lower	Upper
164	100		
129	95.0	68.2	126.6
131	87.9	66.1	122.8
166	119.5	91.1	169.1

