

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037561.D
 Acq On : 26 Sep 2024 20:05
 Operator : SY/MD
 Sample : P4184-10
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY038

Quant Time: Sep 27 00:55:40 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)

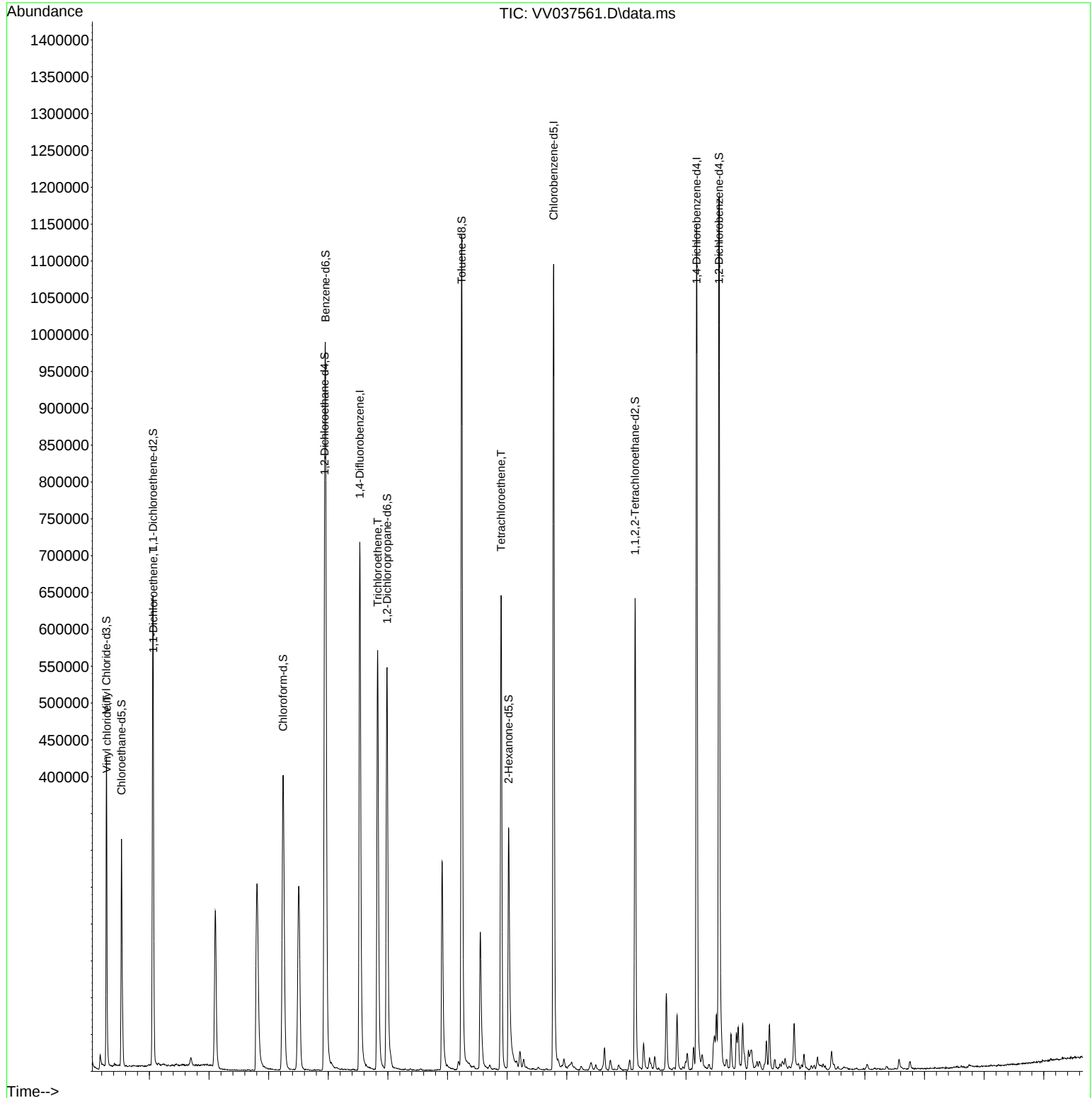
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	628845	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	613283	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	301871	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	244848	44.354	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.700%		
7) Chloroethane-d5	1.532	69	192803	44.996	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.000%		
11) 1,1-Dichloroethene-d2	2.060	65	105225	45.625	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.240%		
21) 2-Butanone-d5	3.793	46	184309	93.738	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.740%		
24) Chloroform-d	4.243	84	435264	44.319	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.640%		
26) 1,2-Dichloroethane-d4	4.937	65	260909	45.387	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.780%		
32) Benzene-d6	4.954	84	872289	45.453	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.900%		
36) 1,2-Dichloropropane-d6	5.986	67	278099	45.508	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.020%		
41) Toluene-d8	7.236	98	768870	44.184	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.360%		
43) trans-1,3-Dichloroprop...	7.551	79	119080	41.948	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.900%		
47) 2-Hexanone-d5	8.024	63	114494	88.729	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.730%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	313337	44.129	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.260%		
66) 1,2-Dichlorobenzene-d4	11.555	152	299145	47.028	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.060%		
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	49445	8.874	ug/L	91
8) Chloroethane	1.549	64	30321	8.829	ug/L	98
12) 1,1-Dichloroethene	2.066	96	10048	2.400	ug/L #	1
19) 1,1-Dichloroethane	3.105	63	209001	24.630	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	97653	19.703	ug/L	97
30) 1,1,1-Trichloroethane	4.507	97	212092	28.079	ug/L	100
34) Trichloroethene	5.828	95	207320	42.090	ug/L	98
46) Tetrachloroethene	7.899	164	144021	38.242	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	41868	2.712	ug/L	100

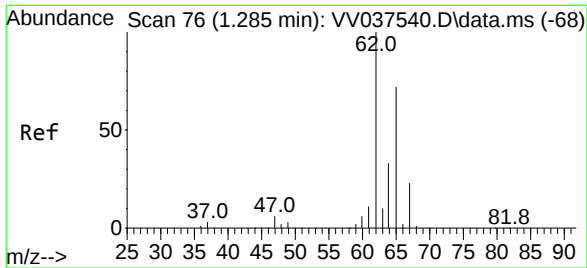
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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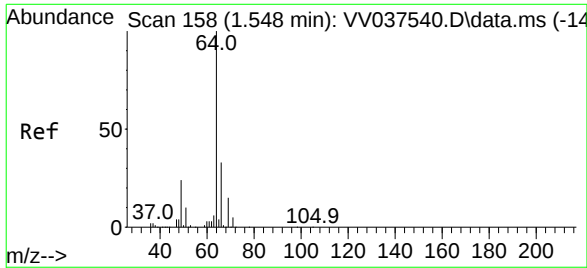
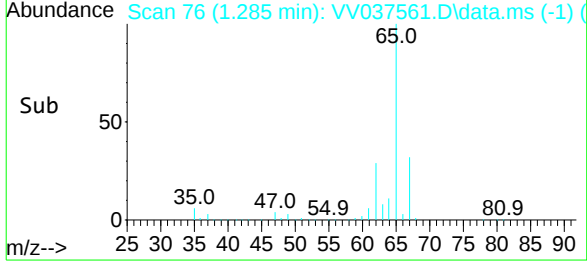
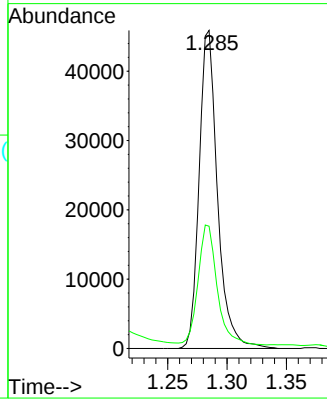
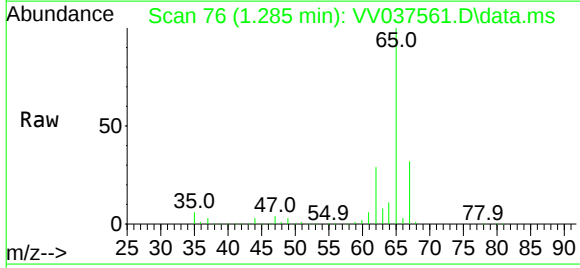




#5
 Vinyl chloride
 Concen: 8.874 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV037561.D
 Acq: 26 Sep 2024 20:05

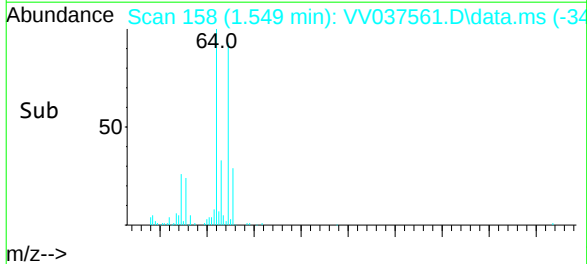
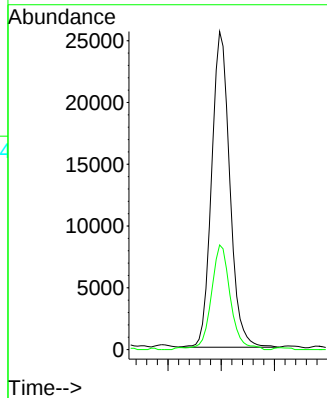
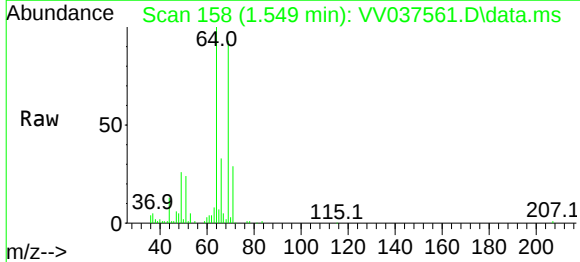
Instrument :
 MSVOA_V
 ClientSampleId :
 EY038

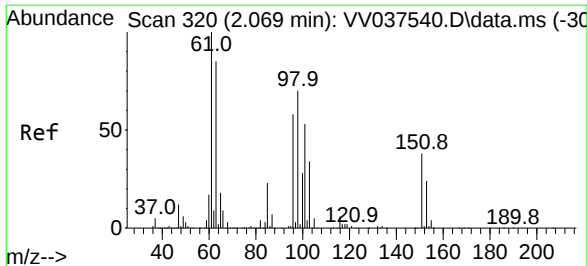
Tgt Ion: 62 Resp: 49445
 Ion Ratio Lower Upper
 62 100
 64 38.4 23.2 43.0



#8
 Chloroethane
 Concen: 8.829 ug/L
 RT: 1.549 min Scan# 158
 Delta R.T. 0.000 min
 Lab File: VV037561.D
 Acq: 26 Sep 2024 20:05

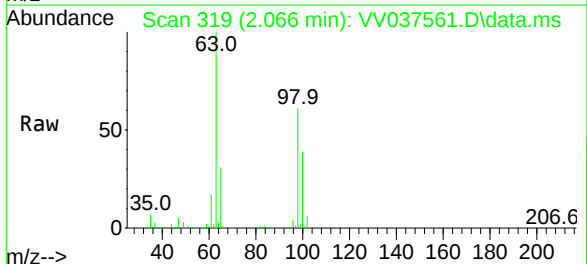
Tgt Ion: 64 Resp: 30321
 Ion Ratio Lower Upper
 64 100
 66 32.9 22.2 41.2



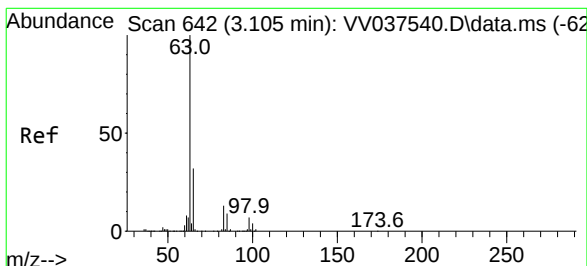
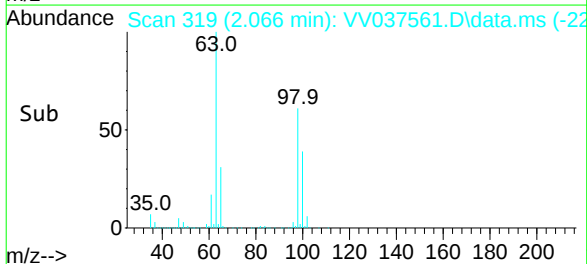
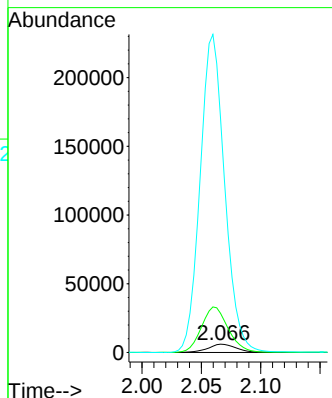


#12
1,1-Dichloroethene
Concen: 2.400 ug/L
RT: 2.066 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV037561.D
Acq: 26 Sep 2024 20:05

Instrument :
MSVOA_V
ClientSampleId :
EY038

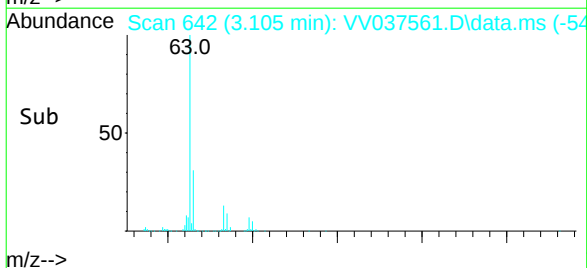
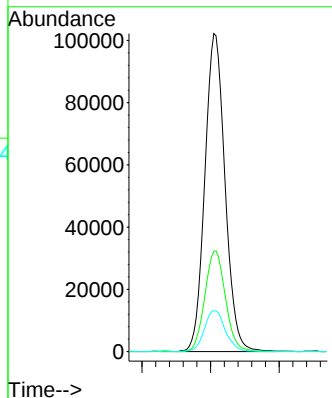
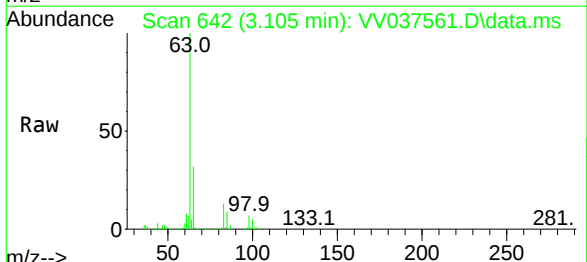


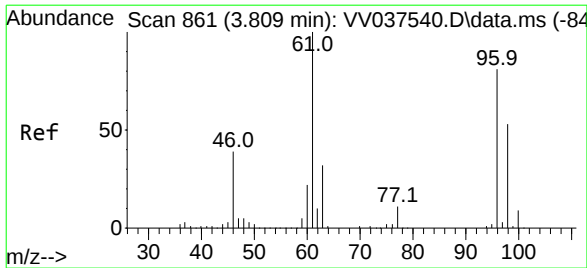
Tgt Ion: 96 Resp: 10048
Ion Ratio Lower Upper
96 100
61 469.4 122.6 227.6#
63 2808.1 118.0 219.2#



#19
1,1-Dichloroethane
Concen: 24.630 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV037561.D
Acq: 26 Sep 2024 20:05

Tgt Ion: 63 Resp: 209001
Ion Ratio Lower Upper
63 100
65 31.5 22.4 41.6
83 12.9 9.5 17.7

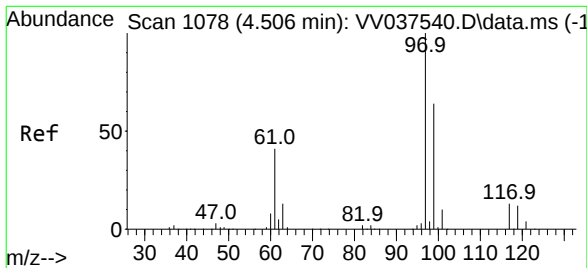
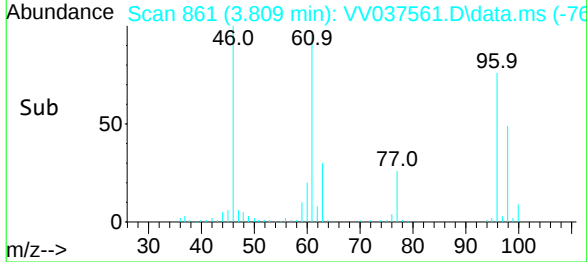
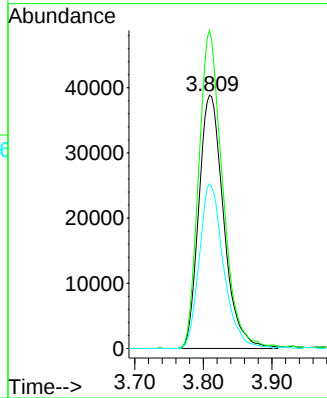
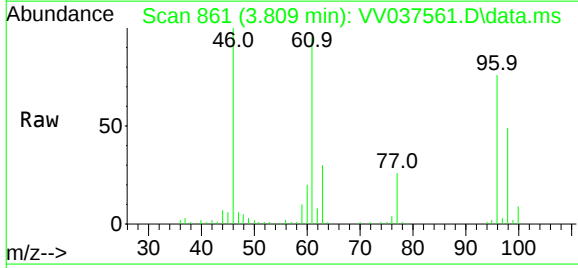




#20
cis-1,2-Dichloroethene
Concen: 19.703 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV037561.D
Acq: 26 Sep 2024 20:05

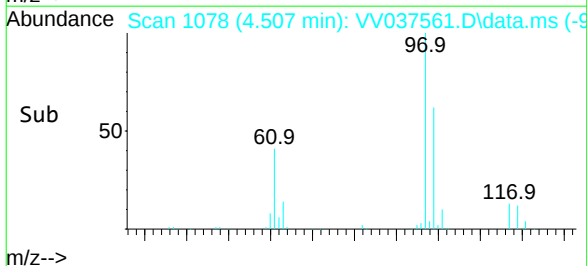
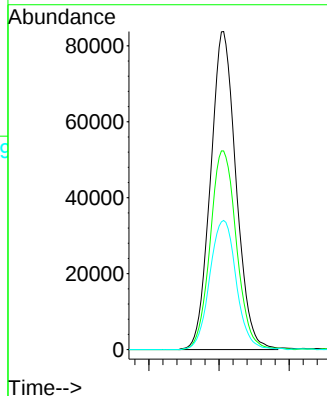
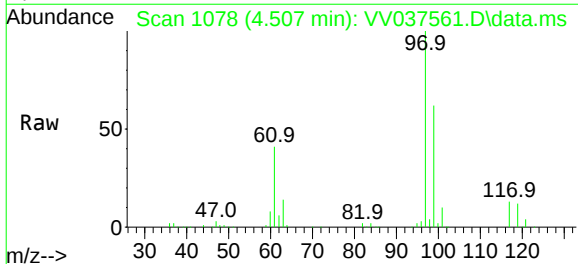
Instrument :
MSVOA_V
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EY038

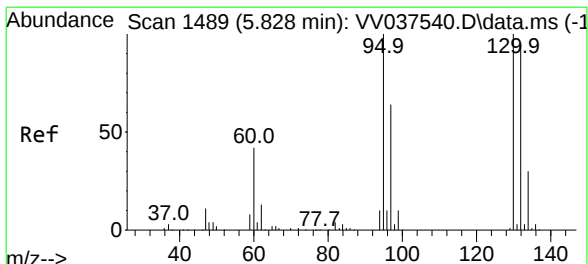
Tgt Ion: 96 Resp: 97653
Ion Ratio Lower Upper
96 100
61 125.6 85.0 157.8
98 65.0 44.2 82.0



#30
1,1,1-Trichloroethane
Concen: 28.079 ug/L
RT: 4.507 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VV037561.D
Acq: 26 Sep 2024 20:05

Tgt Ion: 97 Resp: 212092
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.6
61 42.1 33.6 50.4

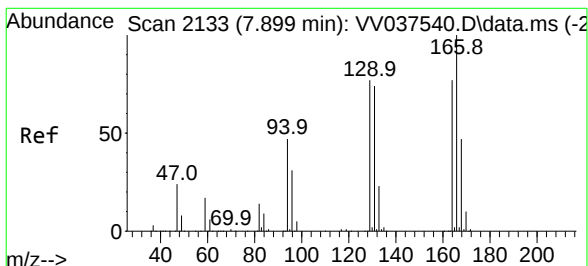
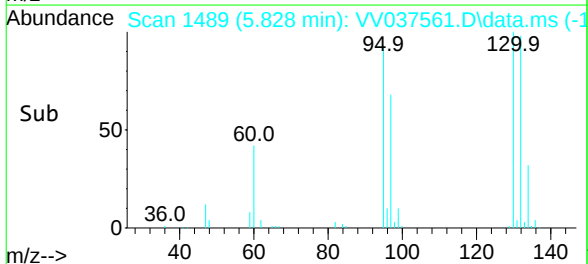
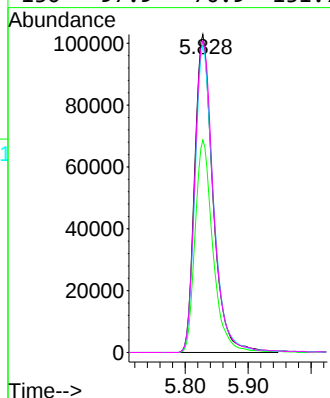
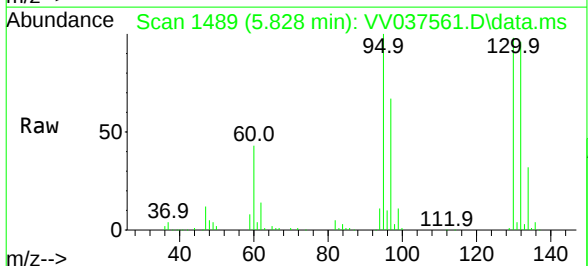




#34
Trichloroethene
Concen: 42.090 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VV037561.D
Acq: 26 Sep 2024 20:05

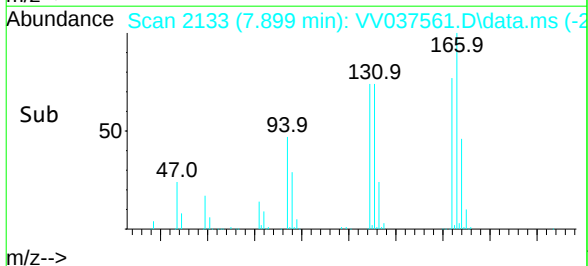
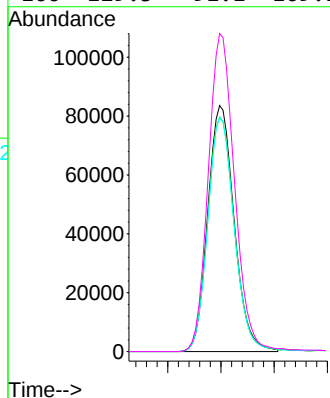
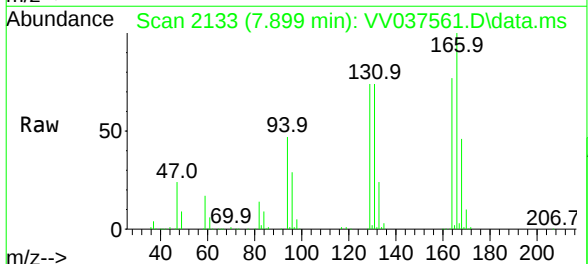
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ClientSampleId :
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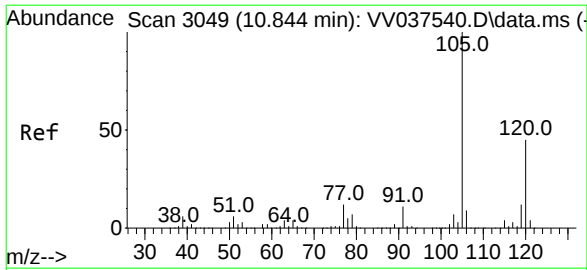
Tgt Ion:	95	Resp:	207320
Ion	Ratio	Lower	Upper
95	100		
97	66.8	46.3	85.9
132	96.3	68.6	127.4
130	97.9	70.9	131.7



#46
Tetrachloroethene
Concen: 38.242 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV037561.D
Acq: 26 Sep 2024 20:05

Tgt Ion:	164	Resp:	144021
Ion	Ratio	Lower	Upper
164	100		
129	95.2	68.2	126.6
131	95.4	66.1	122.8
166	129.3	91.1	169.1





#63
1,2,4-Trimethylbenzene
Concen: 2.712 ug/L
RT: 10.850 min Scan# 30
Delta R.T. 0.007 min
Lab File: VV037561.D
Acq: 26 Sep 2024 20:05

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:105 Resp: 41868
Ion Ratio Lower Upper
105 100
120 45.5 36.2 54.2

