

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 :
 EY047DL

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)

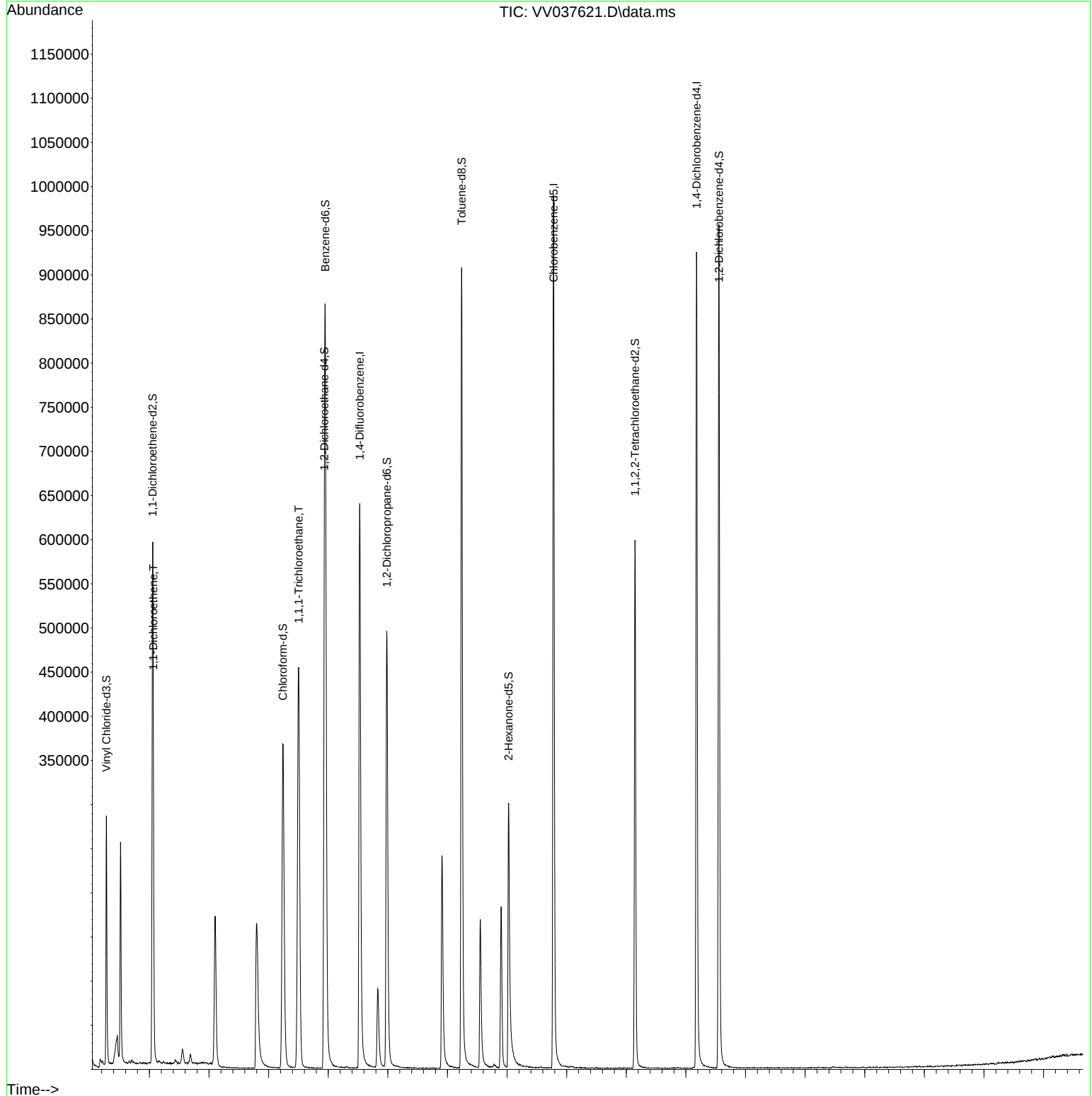
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	571998	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	548035	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	250494	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	192666	38.370	ug/L	0.00
Spiked Amount	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

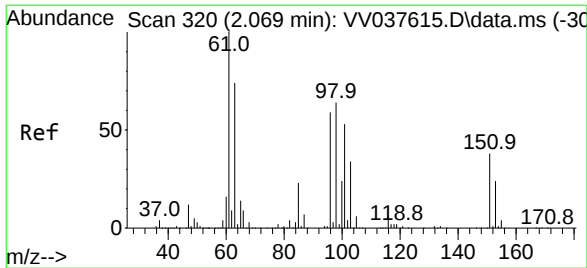
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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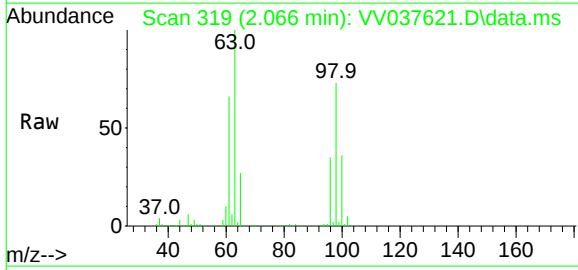
Quant Time: Sep 28 04:19:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 28 00:49:19 2024
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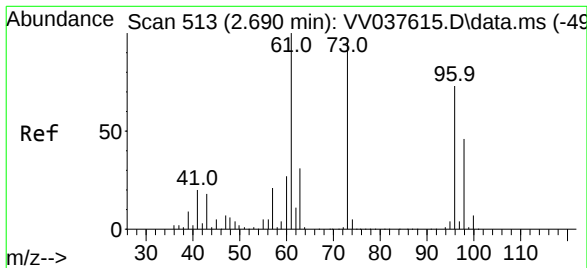
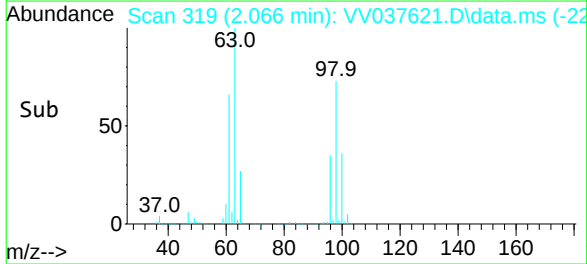
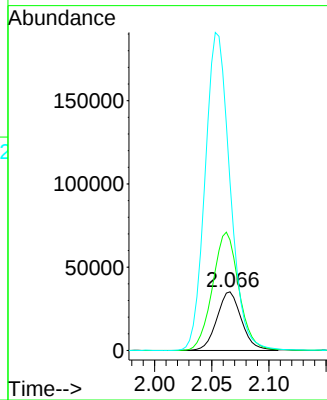


#12
1,1-Dichloroethene
Concen: 13.842 ug/L
RT: 2.066 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV037621.D
Acq: 27 Sep 2024 21:01

Instrument :
MSVOA_V
ClientSampleId :
EY047DL

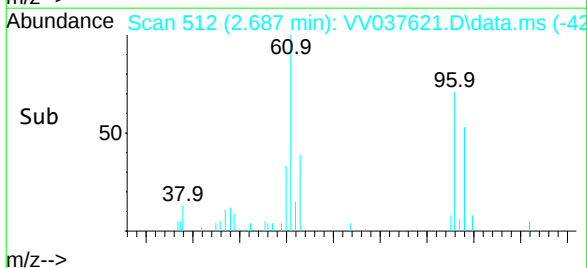
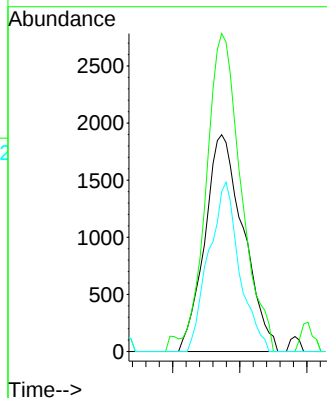
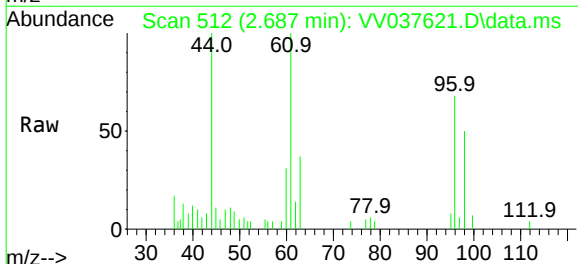


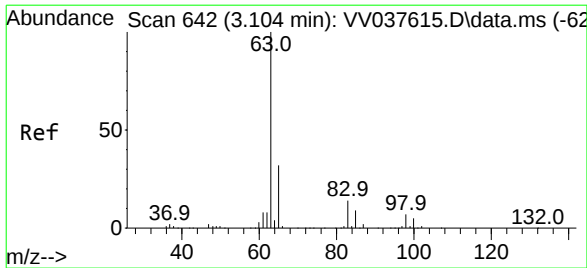
Tgt Ion: 96 Resp: 52713
Ion Ratio Lower Upper
96 100
61 188.4 122.6 227.6
63 287.5 118.0 219.2#



#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

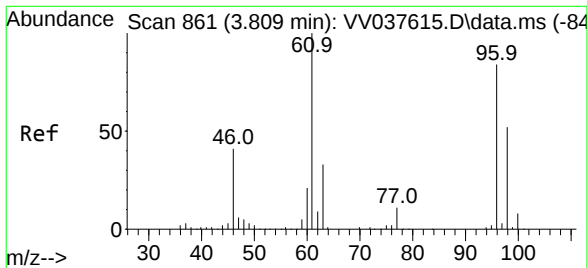
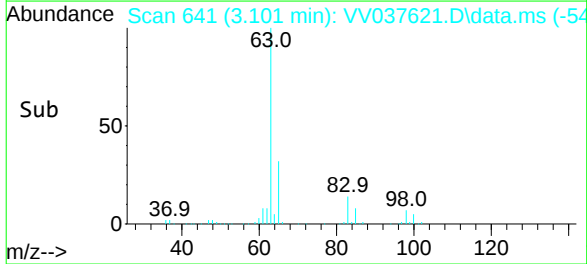
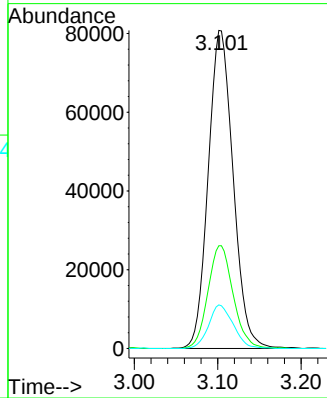
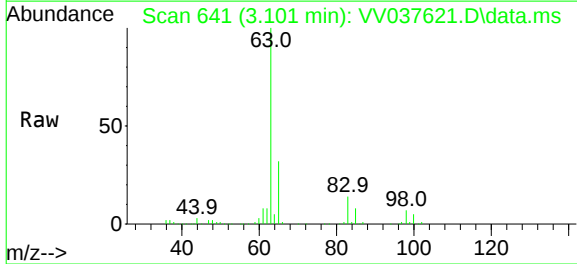




#19
1,1-Dichloroethane
Concen: 21.722 ug/L
RT: 3.101 min Scan# 64
Delta R.T. -0.003 min
Lab File: VV037621.D
Acq: 27 Sep 2024 21:01

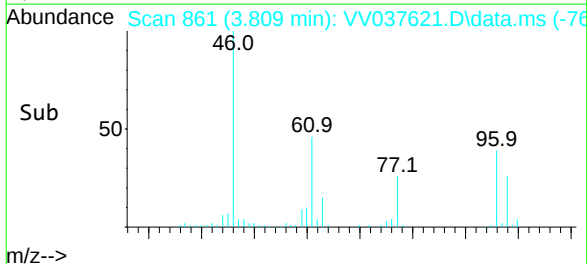
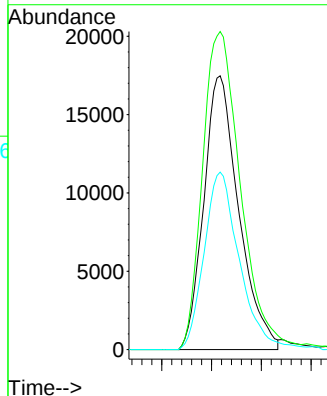
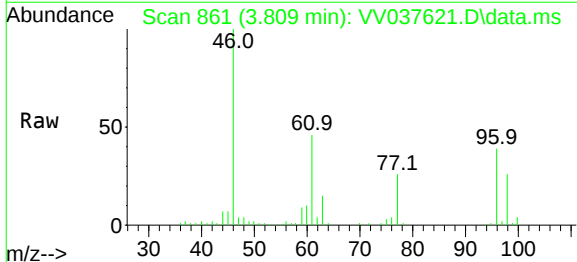
Instrument :
MSVOA_V
ClientSampleId :
EY047DL

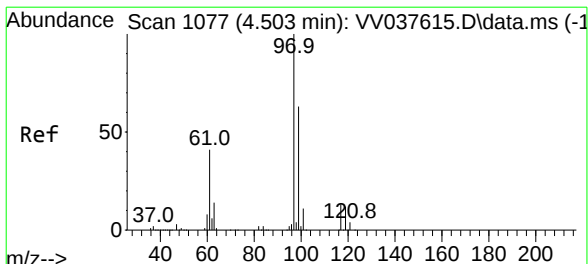
Tgt Ion:	63	Resp:	167662
Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.4	41.6
83	13.7	9.5	17.7



#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

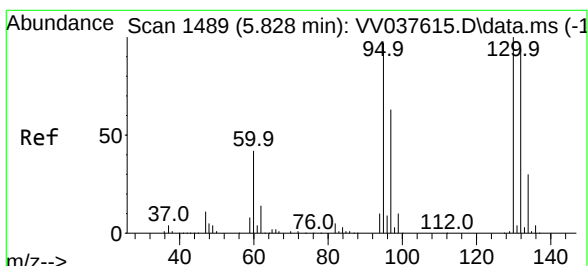
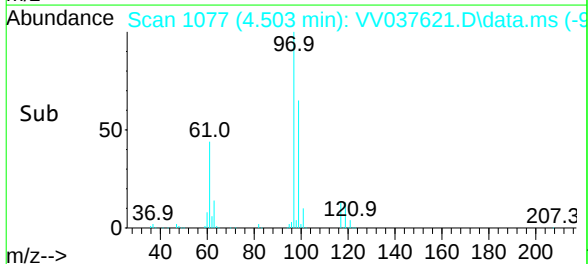
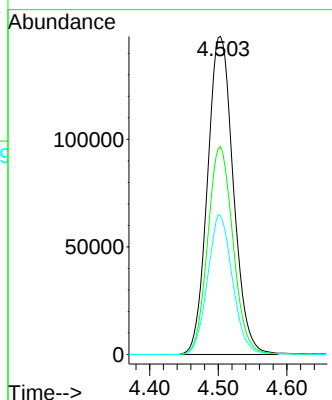
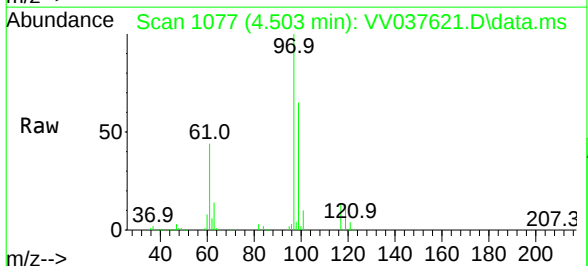




#30
 1,1,1-Trichloroethane
 Concen: 57.303 ug/L
 RT: 4.503 min Scan# 1077
 Delta R.T. 0.000 min
 Lab File: VV037621.D
 Acq: 27 Sep 2024 21:01

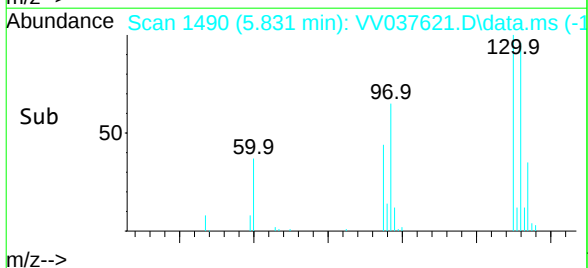
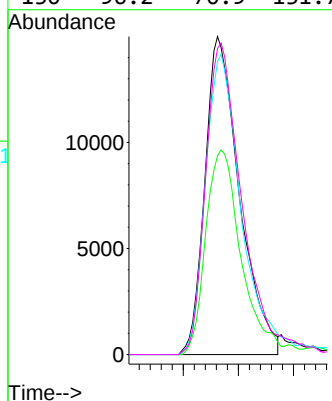
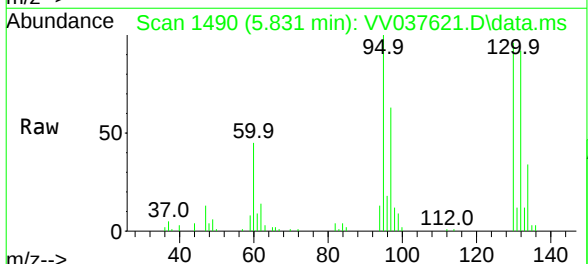
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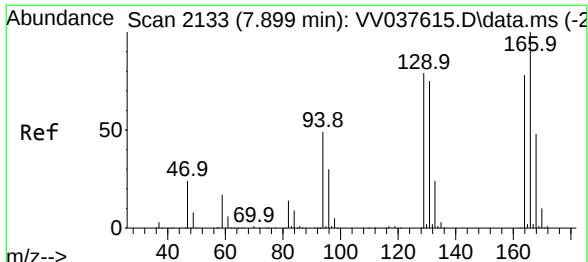
Tgt Ion:	97	Resp:	386779
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.8	77.6
61	42.4	33.6	50.4



#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

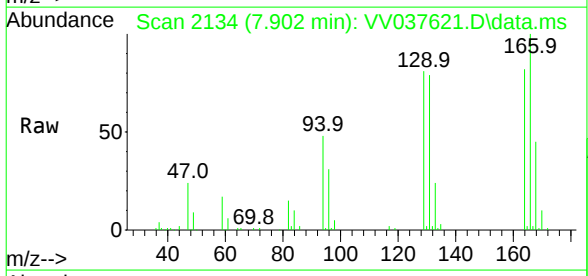
Tgt Ion:	95	Resp:	32608
Ion	Ratio	Lower	Upper
95	100		
97	62.5	46.3	85.9
132	92.1	68.6	127.4
130	96.2	70.9	131.7





#46
 Tetrachloroethene
 Concen: 12.490 ug/L
 RT: 7.902 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV037621.D
 Acq: 27 Sep 2024 21:01

Instrument :
 MSVOA_V
 ClientSampleId :
 EY047DL



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

