

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100124\
 Data File : VV037690.D
 Acq On : 01 Oct 2024 10:28
 Operator : SY/MD
 Sample : P4185-21DL 20X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY074DL

Quant Time: Oct 02 04:38:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 01 04:32:07 2024
 Response via : Initial Calibration

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

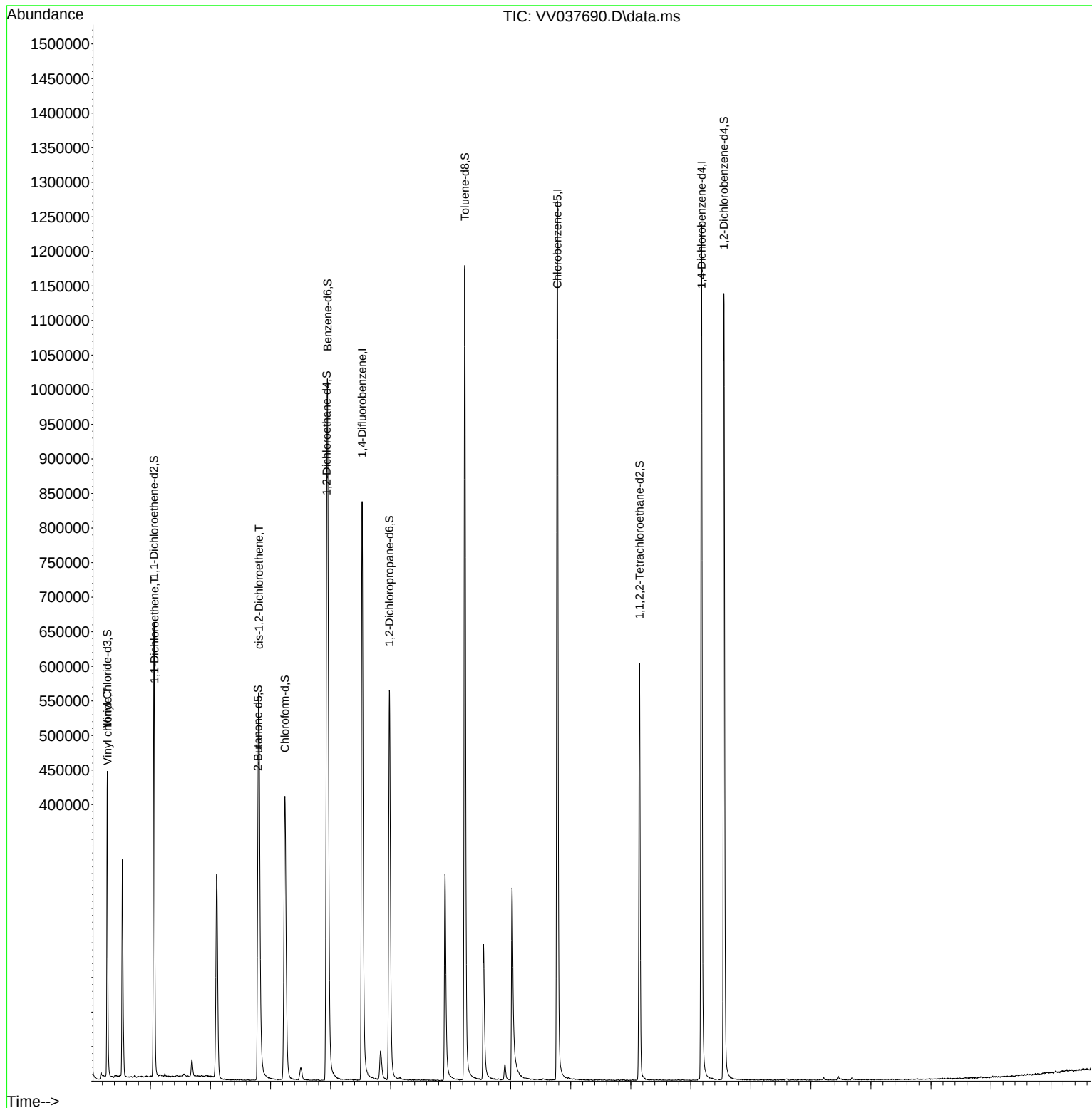
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	740923	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	702327	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	333426	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	257226	39.548	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.100%		
7) Chloroethane-d5	1.532	69	202737	40.157	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.320%		
11) 1,1-Dichloroethene-d2	2.060	65	109312	40.227	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.460%		
21) 2-Butanone-d5	3.790	46	163087	70.398	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	70.400%		
24) Chloroform-d	4.240	84	446068	38.548	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.100%		
26) 1,2-Dichloroethane-d4	4.934	65	272144	40.180	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.360%		
32) Benzene-d6	4.950	84	908735	41.349	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.700%		
36) 1,2-Dichloropropane-d6	5.979	67	287666	41.106	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	82.220%		
41) Toluene-d8	7.236	98	795540	39.920	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.840%#		
43) trans-1,3-Dichloroprop...	7.548	79	120024	36.920	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.840%		
47) 2-Hexanone-d5	8.021	63	100082	67.727	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	67.730%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	298522	36.712	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	73.420%		
66) 1,2-Dichlorobenzene-d4	11.551	152	297534	42.348	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.700%		
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	46469	7.078	ug/L	92
8) Chloroethane	1.552	64	23504	5.809	ug/L	100
12) 1,1-Dichloroethene	2.066	96	5251	1.065	ug/L #	1
17) trans-1,2-Dichloroethene	2.693	96	9460	1.813	ug/L	90
19) 1,1-Dichloroethane	3.105	63	291903	29.196	ug/L	100
20) cis-1,2-Dichloroethene	3.806	96	283750	48.591	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	14249	1.647	ug/L	97
34) Trichloroethene	5.834	95	15901	2.819	ug/L	96
46) Tetrachloroethene	7.905	164	5510	1.278	ug/L	96

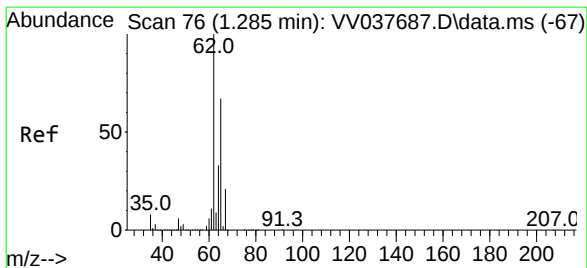
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Oct 01 04:32:07 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 7.078 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV037690.D

Acq: 01 Oct 2024 10:28

Instrument :

MSVOA_V

ClientSampleId :

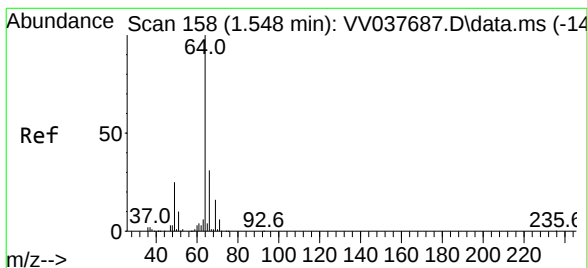
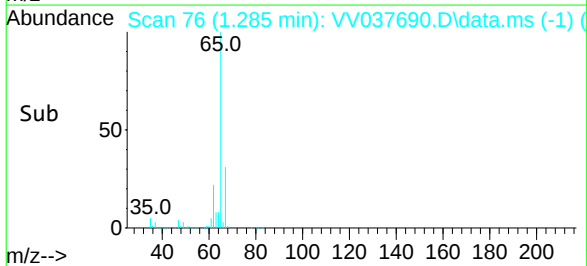
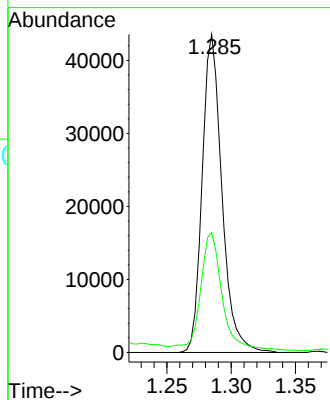
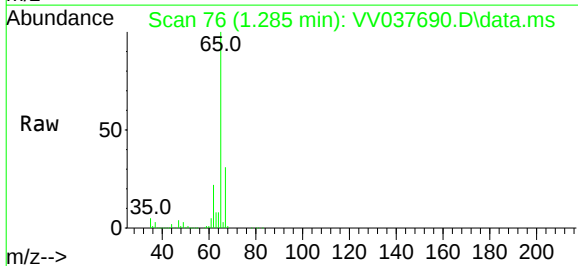
EY074DL

Tgt Ion: 62 Resp: 46469

Ion Ratio Lower Upper

62 100

64 37.8 23.2 43.0



#8

Chloroethane

Concen: 5.809 ug/L

RT: 1.552 min Scan# 159

Delta R.T. 0.003 min

Lab File: VV037690.D

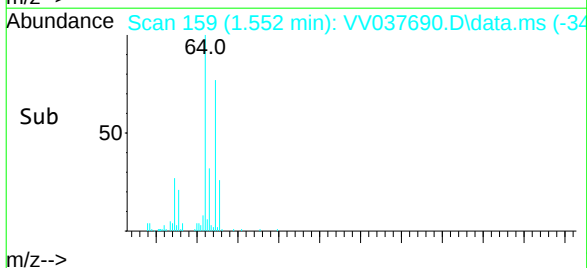
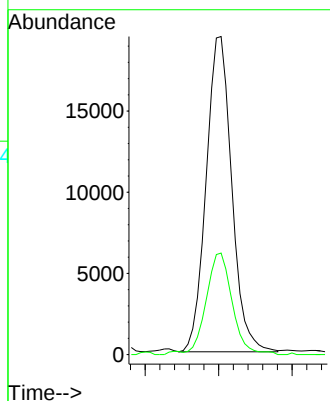
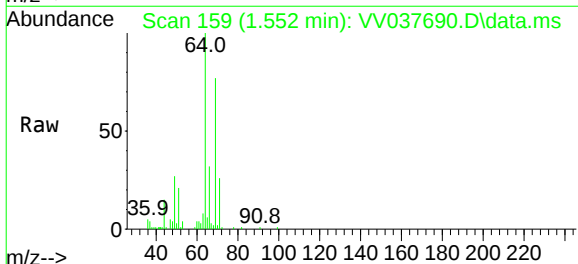
Acq: 01 Oct 2024 10:28

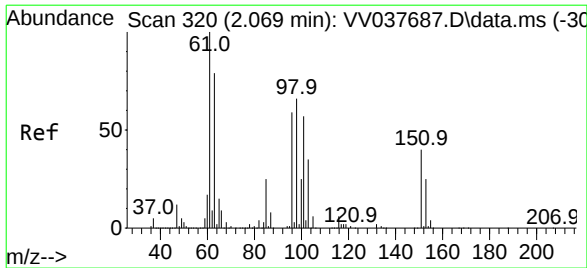
Tgt Ion: 64 Resp: 23504

Ion Ratio Lower Upper

64 100

66 31.9 22.2 41.2





#12

1,1-Dichloroethene

Concen: 1.065 ug/L

RT: 2.066 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV037690.D

Acq: 01 Oct 2024 10:28

Instrument :

MSVOA_V

ClientSampleId :

EY074DL

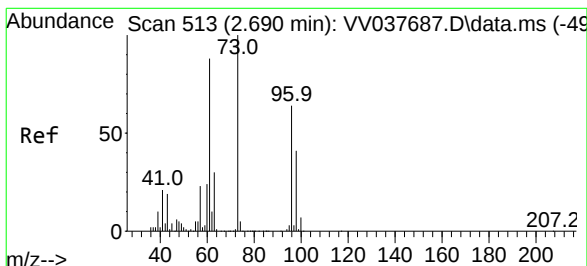
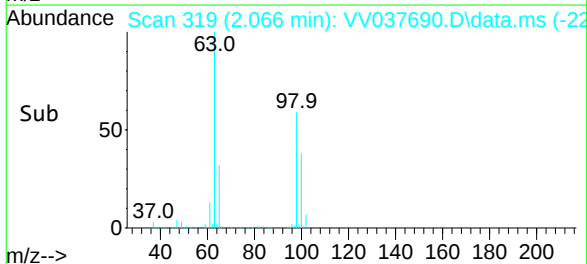
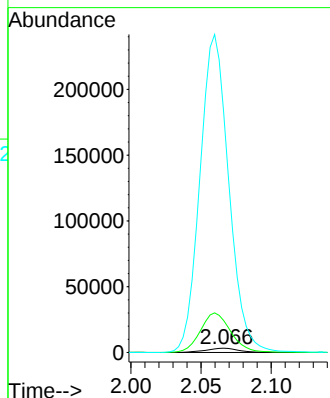
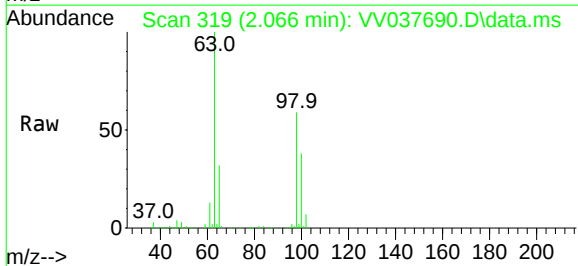
Tgt Ion: 96 Resp: 5251

Ion Ratio Lower Upper

96 100

61 744.4 122.6 227.6#

63 5590.4 118.0 219.2#



#17

trans-1,2-Dichloroethene

Concen: 1.813 ug/L

RT: 2.693 min Scan# 514

Delta R.T. 0.003 min

Lab File: VV037690.D

Acq: 01 Oct 2024 10:28

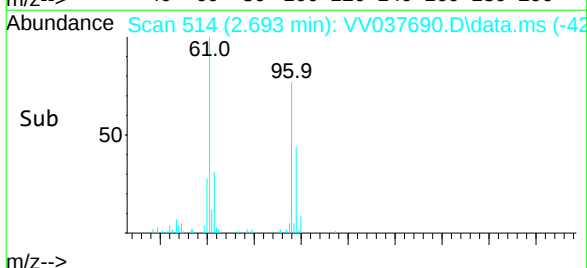
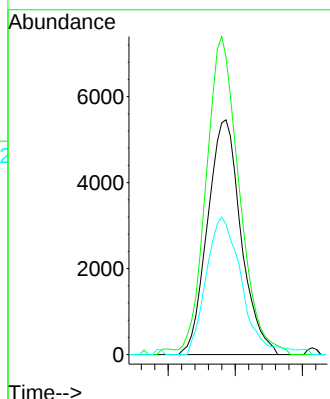
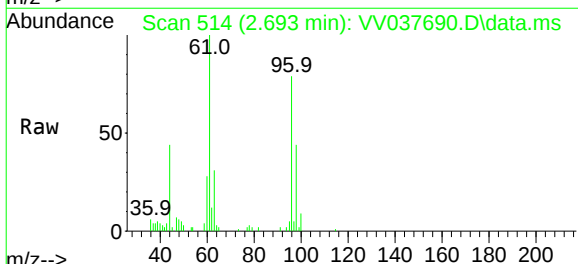
Tgt Ion: 96 Resp: 9460

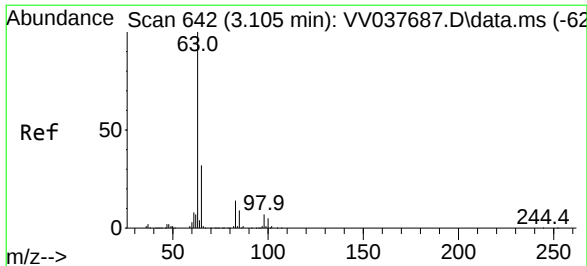
Ion Ratio Lower Upper

96 100

61 126.9 97.3 180.7

98 55.5 43.9 81.5

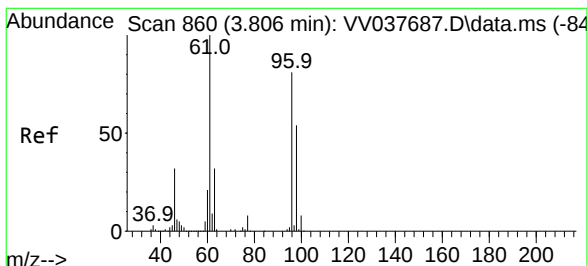
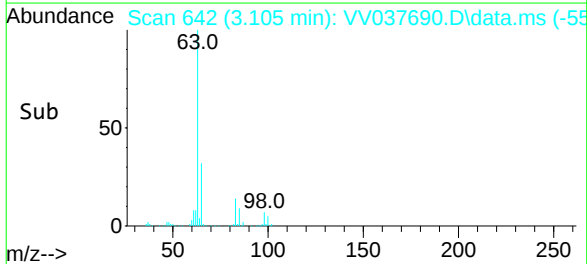
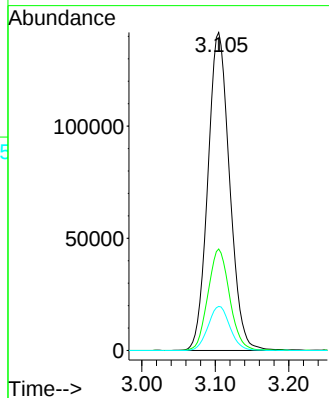
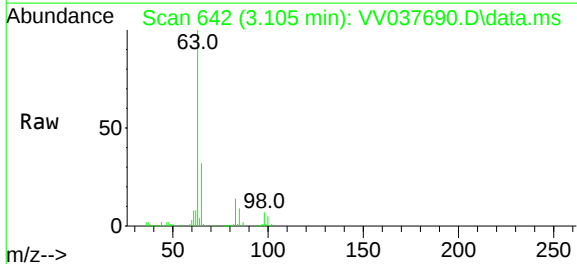




#19
1,1-Dichloroethane
Concen: 29.196 ug/L
RT: 3.105 min Scan# 642
Delta R.T. -0.003 min
Lab File: VV037690.D
Acq: 01 Oct 2024 10:28

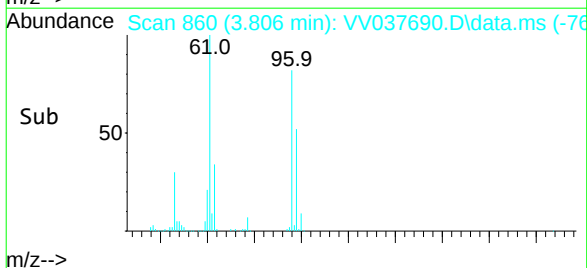
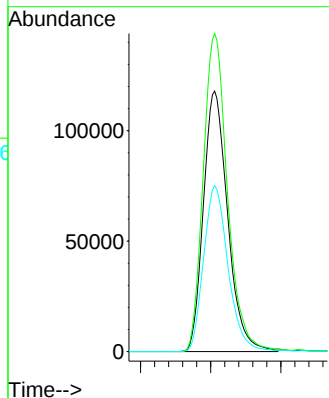
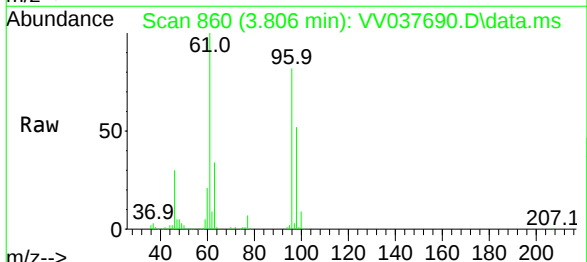
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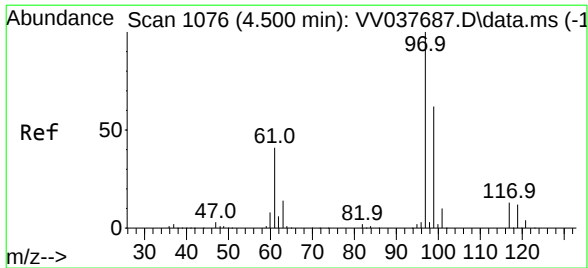
Tgt	Ion	63	Resp:	291903
Ion	Ratio	Lower	Upper	
63	100			
65	31.9	22.4	41.6	
83	13.9	9.5	17.7	



#20
cis-1,2-Dichloroethene
Concen: 48.591 ug/L
RT: 3.806 min Scan# 860
Delta R.T. -0.003 min
Lab File: VV037690.D
Acq: 01 Oct 2024 10:28

Tgt	Ion	96	Resp:	283750
Ion	Ratio	Lower	Upper	
96	100			
61	122.1	85.0	157.8	
98	63.7	44.2	82.0	

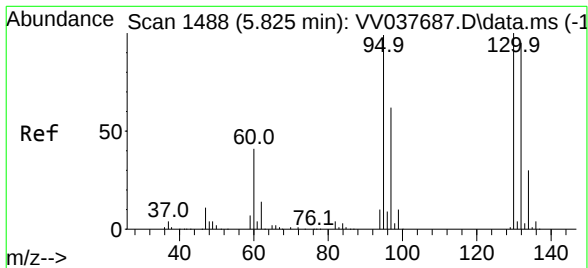
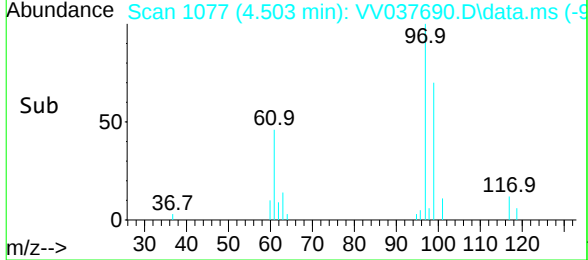
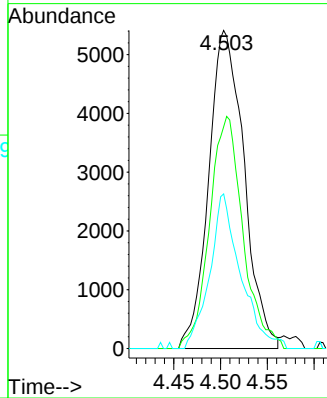
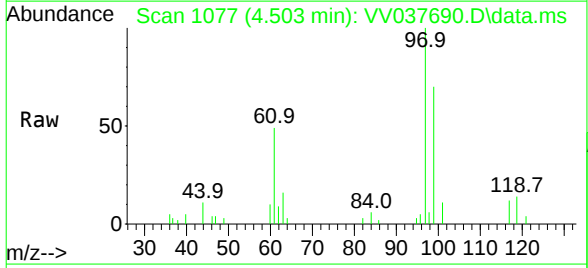




#30
1,1,1-Trichloroethane
Concen: 1.647 ug/L
RT: 4.503 min Scan# 1076
Delta R.T. -0.003 min
Lab File: VV037690.D
Acq: 01 Oct 2024 10:28

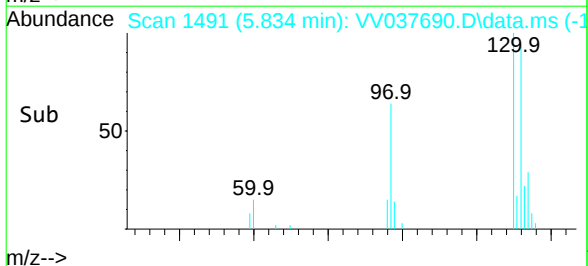
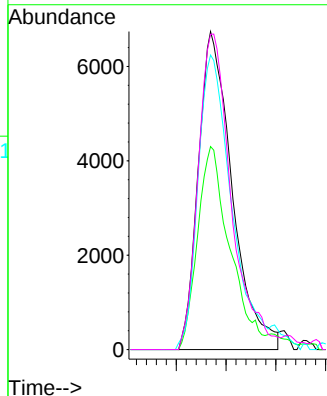
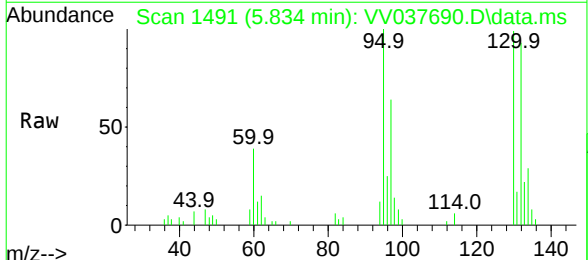
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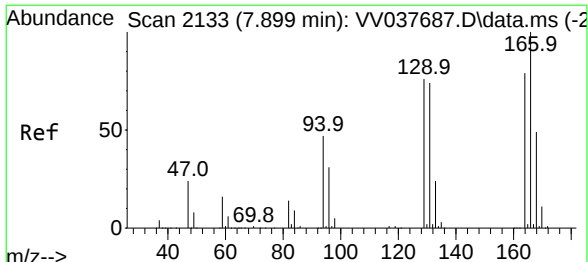
Tgt Ion:	97	Resp:	14249
Ion	Ratio	Lower	Upper
97	100		
99	68.8	51.8	77.6
61	41.8	33.6	50.4



#34
Trichloroethene
Concen: 2.819 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.007 min
Lab File: VV037690.D
Acq: 01 Oct 2024 10:28

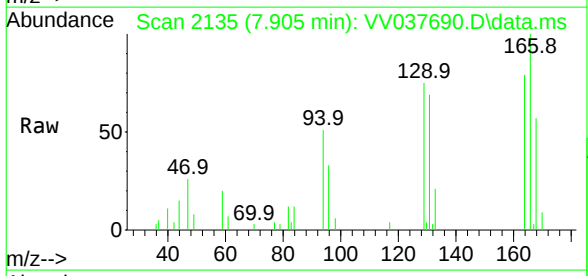
Tgt Ion:	95	Resp:	15901
Ion	Ratio	Lower	Upper
95	100		
97	63.8	46.3	85.9
132	92.6	68.6	127.4
130	99.2	70.9	131.7





#46
 Tetrachloroethene
 Concen: 1.278 ug/L
 RT: 7.905 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: VV037690.D
 Acq: 01 Oct 2024 10:28

Instrument :
 MSVOA_V
 ClientSampleId :
 EY074DL



Tgt Ion:	164	Resp:	5510
Ion	Ratio	Lower	Upper
164	100		
129	95.4	68.2	126.6
131	87.9	66.1	122.8
166	126.8	91.1	169.1

