

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037604.D
 Acq On : 27 Sep 2024 14:32
 Operator : SY/MD
 Sample : P4184-06
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY034

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/30/2024
 Supervised By :Mahesh Dadoda 09/30/2024

Quant Time: Sep 27 23:49:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 23:45:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	634994	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	612255	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	285600	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	219495	39.377	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.760%		
7) Chloroethane-d5	1.532	69	183780	42.475	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.940%		
11) 1,1-Dichloroethene-d2	2.059	65	96592	41.476	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.960%		
21) 2-Butanone-d5	3.793	46	181930	91.632	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.630%		
24) Chloroform-d	4.243	84	416149	41.962	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.920%		
26) 1,2-Dichloroethane-d4	4.937	65	251987	43.410	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.820%		
32) Benzene-d6	4.953	84	839552	43.821	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.640%		
36) 1,2-Dichloropropane-d6	5.985	67	261382	42.845	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.680%		
41) Toluene-d8	7.239	98	734243	42.265	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.520%		
43) trans-1,3-Dichloroprop...	7.551	79	118773	41.910	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.820%		
47) 2-Hexanone-d5	8.024	63	106728	82.849	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.850%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	304769	42.995	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.980%		
66) 1,2-Dichlorobenzene-d4	11.554	152	280272	46.571	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.140%		
Target Compounds					Qvalue	
5) Vinyl chloride	1.285	62	112849	20.057	ug/L	95
8) Chloroethane	1.548	64	31933	9.208	ug/L	97
12) 1,1-Dichloroethene	2.069	96	17916m	4.238	ug/L	
17) trans-1,2-Dichloroethene	2.693	96	12455	2.785	ug/L	92
19) 1,1-Dichloroethane	3.104	63	1369214	159.792	ug/L	99
20) cis-1,2-Dichloroethene	3.805	96	950610	189.943	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	914653	121.295	ug/L	100
34) Trichloroethene	5.841	95	10293	2.093	ug/L	88
46) Tetrachloroethene	7.902	164	42282	11.246	ug/L	97

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

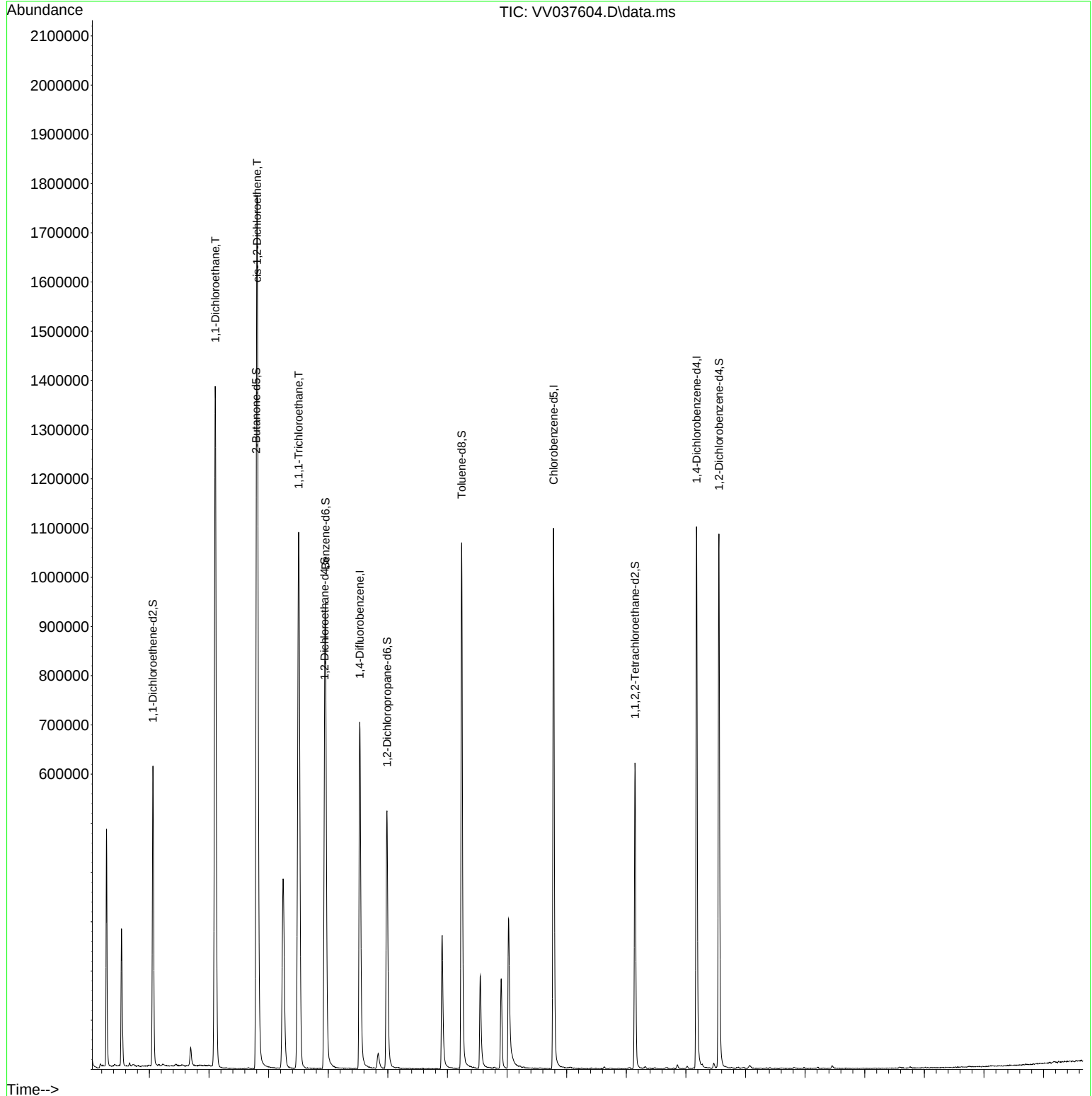
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
Data File : VV037604.D
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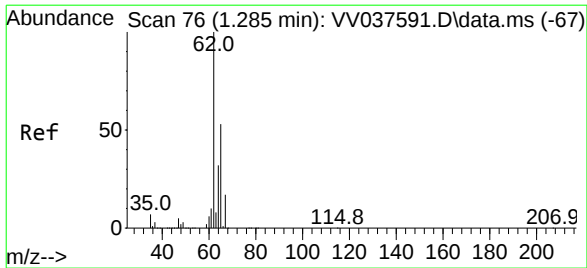
Instrument :
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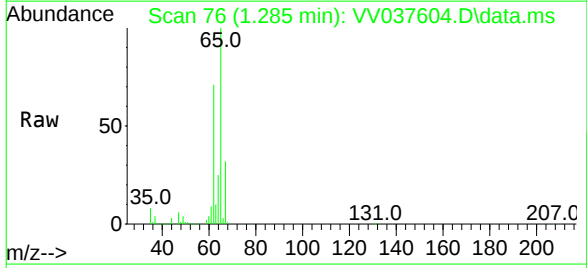
Quant Time: Sep 27 23:49:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 27 23:45:04 2024
Response via : Initial Calibration





#5
Vinyl chloride
Concen: 20.057 ug/L
RT: 1.285 min Scan# 76
Delta R.T. 0.000 min
Lab File: VV037604.D
Acq: 27 Sep 2024 14:32

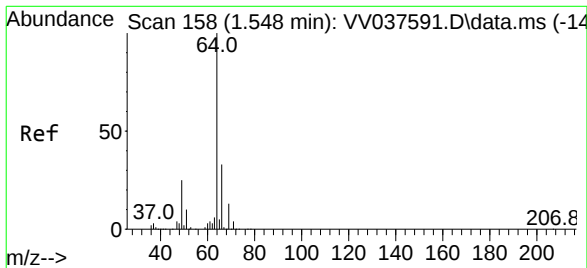
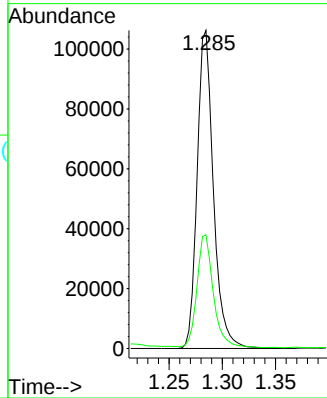
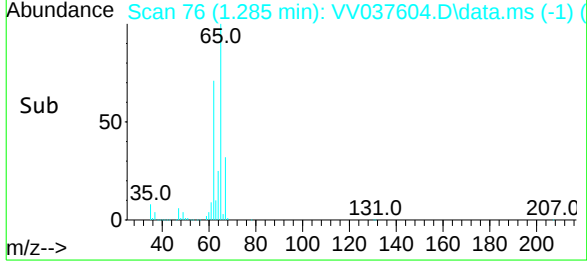
Instrument :
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ClientSampleId :
EY034



Tgt Ion: 62 Resp: 112849
Ion Ratio Lower Upper
62 100
64 35.7 23.2 43.0

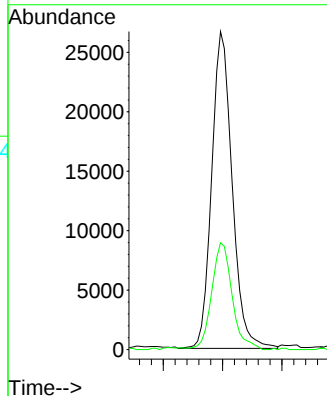
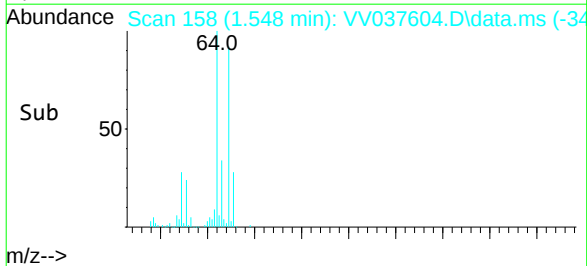
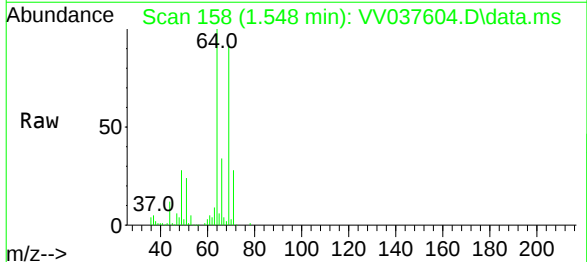
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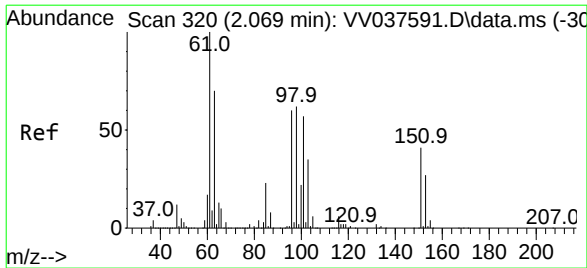
Reviewed By :Semsettin Yesilyurt 09/30/2024
Supervised By :Mahesh Dadoda 09/30/2024



#8
Chloroethane
Concen: 9.208 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037604.D
Acq: 27 Sep 2024 14:32

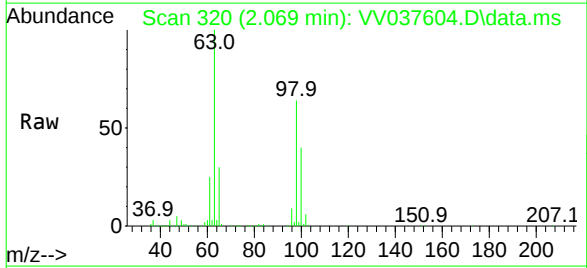
Tgt Ion: 64 Resp: 31933
Ion Ratio Lower Upper
64 100
66 33.6 22.2 41.2





#12
1,1-Dichloroethene
Concen: 4.238 ug/L m
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV037604.D
Acq: 27 Sep 2024 14:32

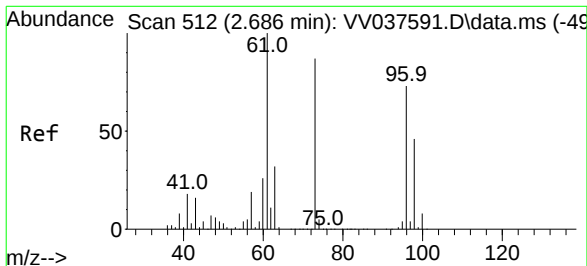
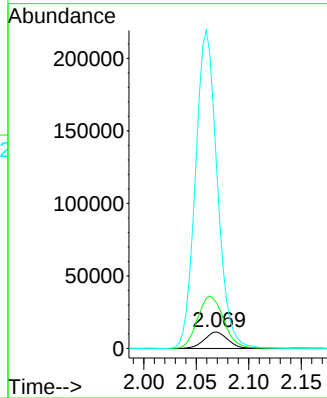
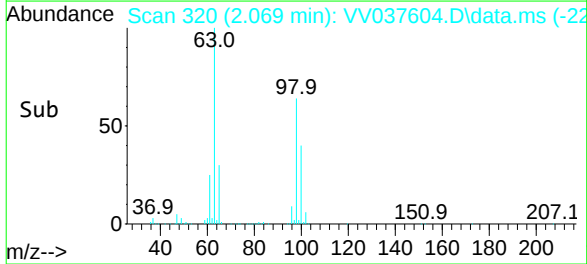
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Tgt Ion: 96 Resp: 17916
Ion Ratio Lower Upper
96 100
61 275.7 122.6 227.6
63 1114.5 118.0 219.2

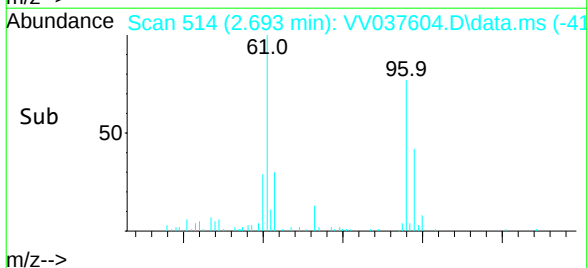
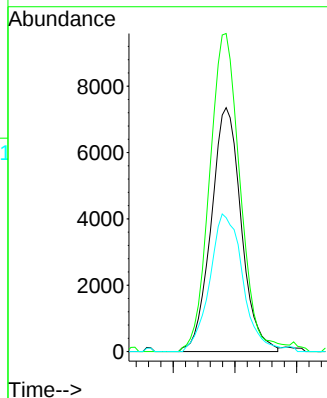
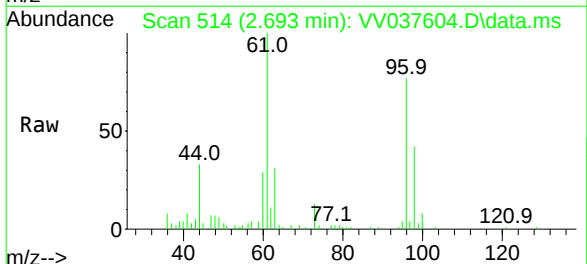
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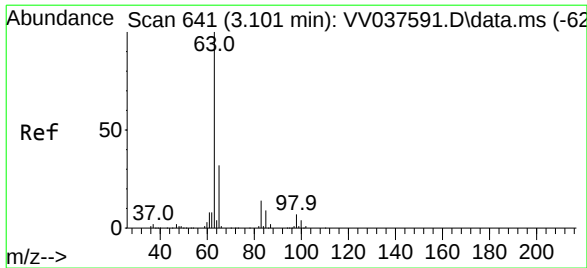
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#17
trans-1,2-Dichloroethene
Concen: 2.785 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.006 min
Lab File: VV037604.D
Acq: 27 Sep 2024 14:32

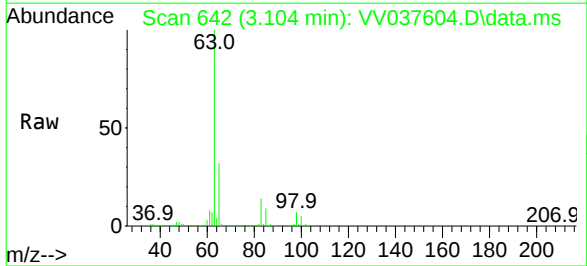
Tgt Ion: 96 Resp: 12455
Ion Ratio Lower Upper
96 100
61 130.4 97.3 180.7
98 54.9 43.9 81.5





#19
1,1-Dichloroethane
Concen: 159.792 ug/L
RT: 3.104 min Scan# 641
Delta R.T. 0.003 min
Lab File: VV037604.D
Acq: 27 Sep 2024 14:32

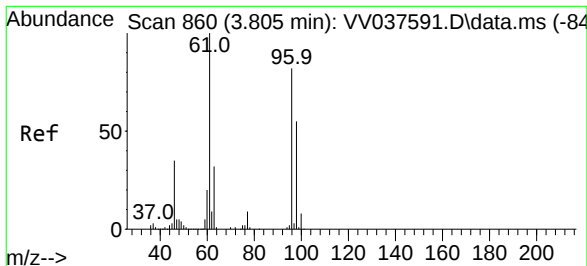
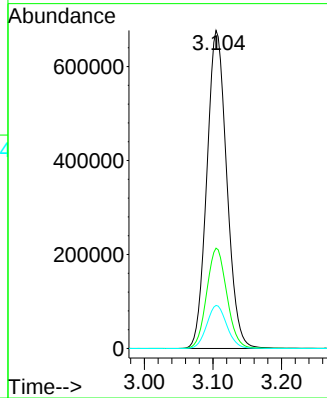
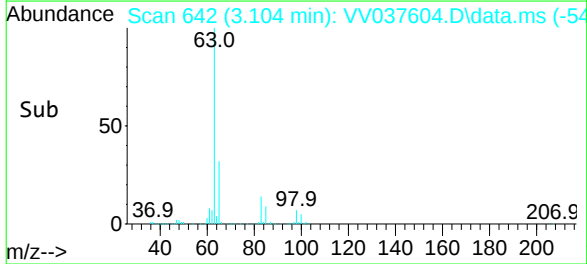
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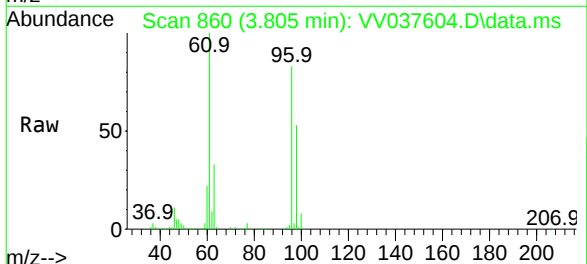
Tgt Ion: 63 Resp: 1369214
Ion Ratio Lower Upper
63 100
65 31.5 22.4 41.6
83 13.5 9.5 17.7

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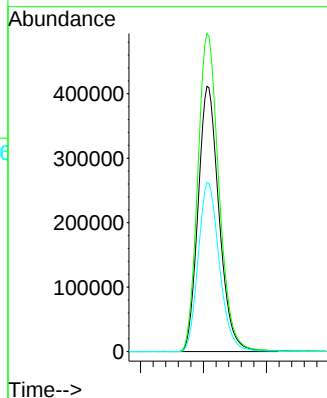
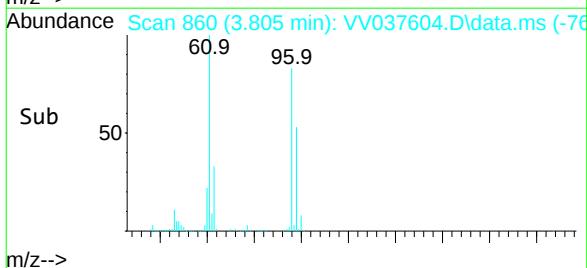
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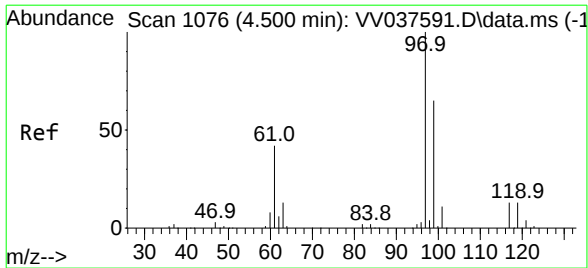


#20
cis-1,2-Dichloroethene
Concen: 189.943 ug/L
RT: 3.805 min Scan# 860
Delta R.T. 0.000 min
Lab File: VV037604.D
Acq: 27 Sep 2024 14:32



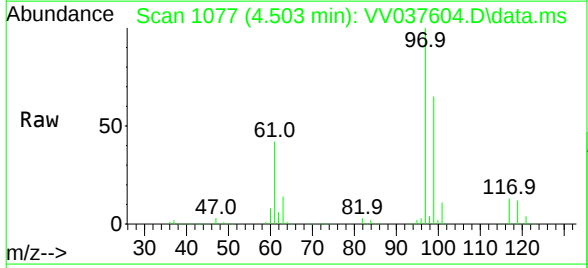
Tgt Ion: 96 Resp: 950610
Ion Ratio Lower Upper
96 100
61 119.9 85.0 157.8
98 63.8 44.2 82.0





#30
1,1,1-Trichloroethane
Concen: 121.295 ug/L
RT: 4.503 min Scan# 10
Delta R.T. 0.003 min
Lab File: VV037604.D
Acq: 27 Sep 2024 14:32

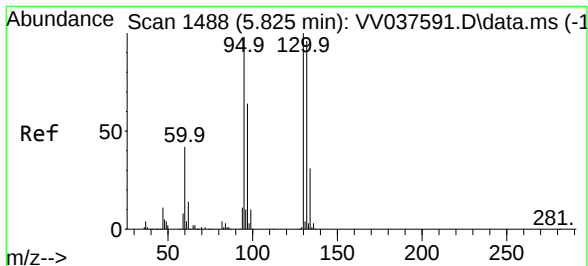
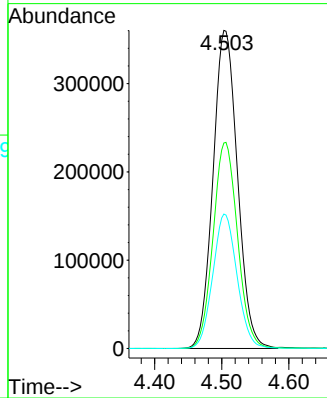
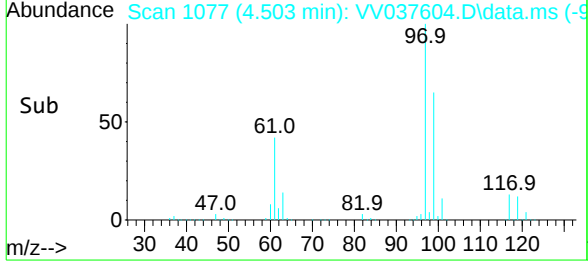
Instrument :
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EY034



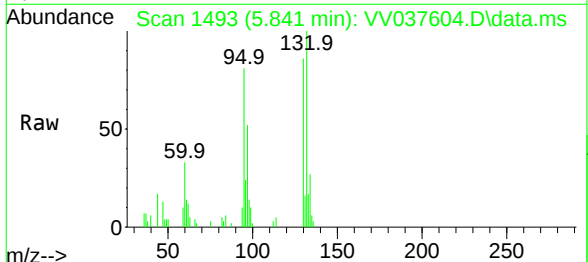
Tgt Ion:	97	Resp:	914653
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.8	77.6
61	42.0	33.6	50.4

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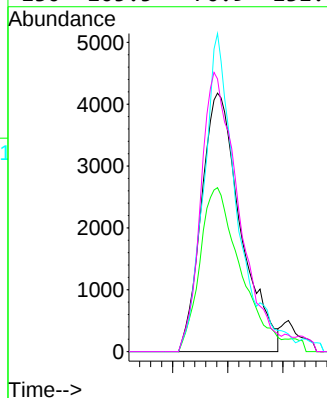
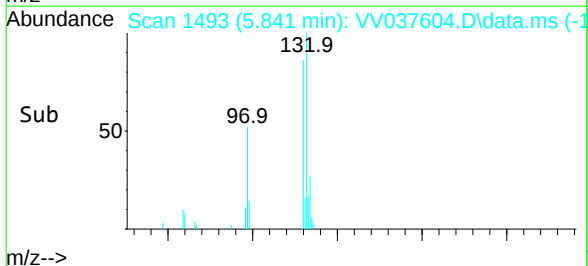
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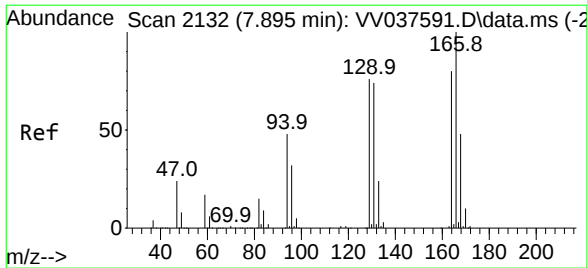


#34
Trichloroethene
Concen: 2.093 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.016 min
Lab File: VV037604.D
Acq: 27 Sep 2024 14:32



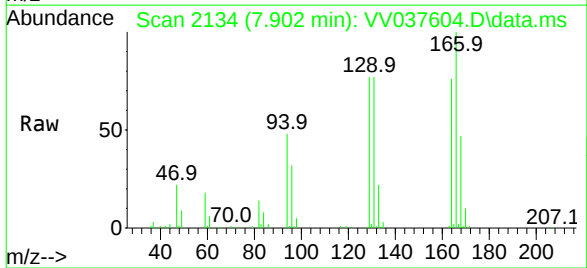
Tgt Ion:	95	Resp:	10293
Ion	Ratio	Lower	Upper
95	100		
97	63.4	46.3	85.9
132	123.1	68.6	127.4
130	105.5	70.9	131.7





#46
Tetrachloroethene
Concen: 11.246 ug/L
RT: 7.902 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV037604.D
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ClientSampleId :
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Tgt Ion:	164	Resp:	42282
Ion	Ratio	Lower	Upper
164	100		
129	100.5	68.2	126.6
131	100.3	66.1	122.8
166	131.0	91.1	169.1

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