

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031924\
 Data File : VV034728.D
 Acq On : 19 Mar 2024 12:24
 Operator : SY/MD
 Sample : P1751-13
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCL18

Quant Time: Mar 20 01:22:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 20 01:19:21 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/20/2024
 Supervised By :Semsettin Yesilyurt 03/20/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	297374	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	281549	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	131368	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	150880	58.528	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 117.060%			
7) Chloroethane-d5	1.532	69	122028	60.759	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 121.520%			
11) 1,1-Dichloroethene-d2	2.060	65	69229	59.380	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 118.760%			
21) 2-Butanone-d5	3.786	46	197168	114.369	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 114.370%			
24) Chloroform-d	4.246	84	260366	57.122	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.240%			
26) 1,2-Dichloroethane-d4	4.937	65	178922	60.070	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 120.140%			
32) Benzene-d6	4.957	84	517156	60.862	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 121.720%			
36) 1,2-Dichloropropane-d6	5.985	67	157235	60.634	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 121.260%#			
41) Toluene-d8	7.239	98	459766	59.791	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 119.580%			
43) trans-1,3-Dichloroprop...	7.551	79	75156	57.714	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 115.420%			
47) 2-Hexanone-d5	8.024	63	120502	93.057	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.060%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	204144	59.821	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 119.640%			
66) 1,2-Dichlorobenzene-d4	11.558	152	170473	63.486	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 126.980%#			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	79101	35.523	ug/L #	65
13) Acetone	2.117	43	277018	133.665	ug/L	99
19) 1,1-Dichloroethane	3.114	63	16298	3.860	ug/L	95
20) cis-1,2-Dichloroethene	3.815	96	22382	9.571	ug/L	92
22) 2-Butanone	3.912	43	9786m	4.782	ug/L	
30) 1,1,1-Trichloroethane	4.516	97	19476	4.824	ug/L	97
34) Trichloroethene	5.834	95	37453	15.077	ug/L	96

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

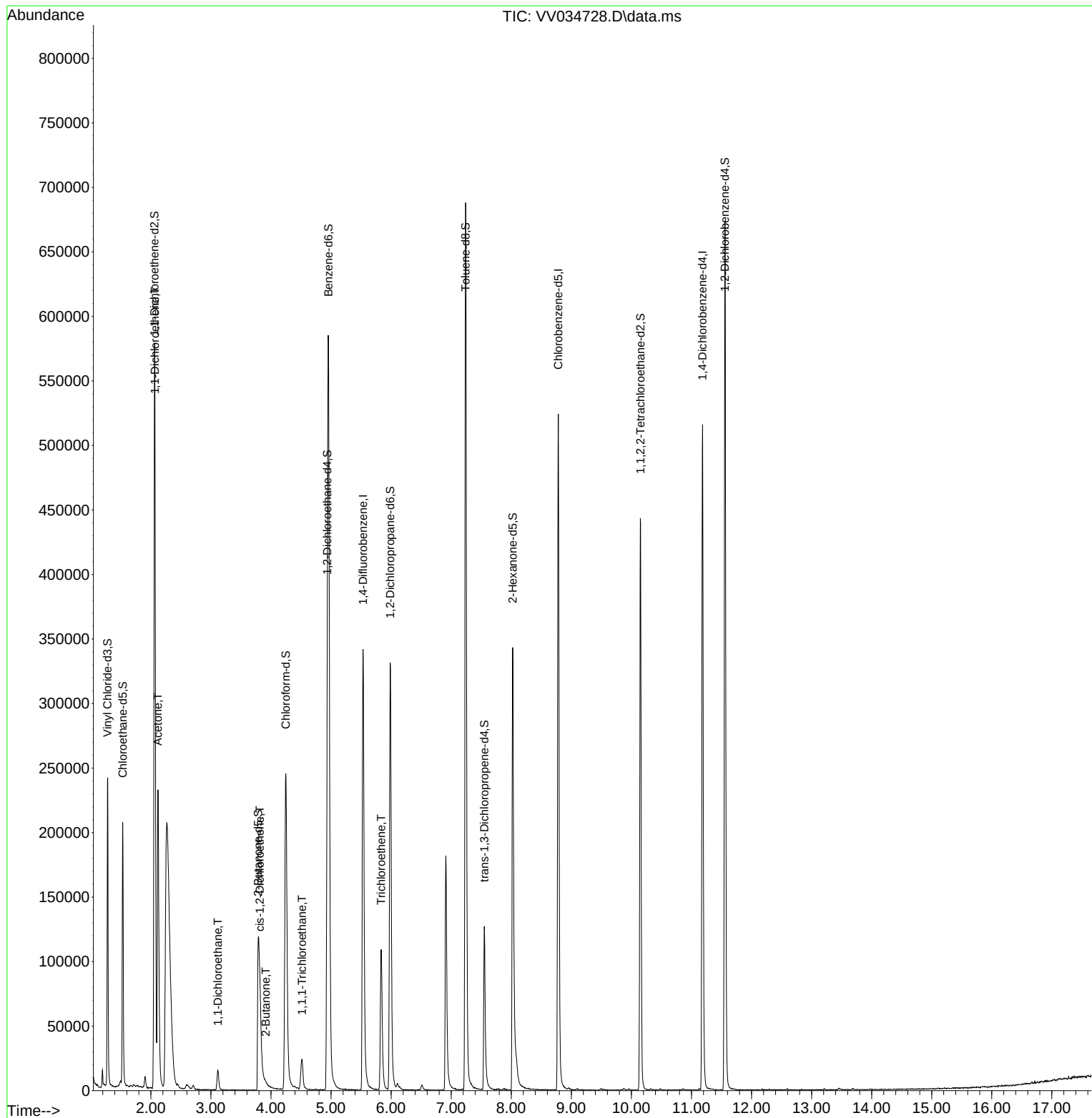
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031924\
Data File : VV034728.D
Acq On : 19 Mar 2024 12:24
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ALS Vial : 10 Sample Multiplier: 1

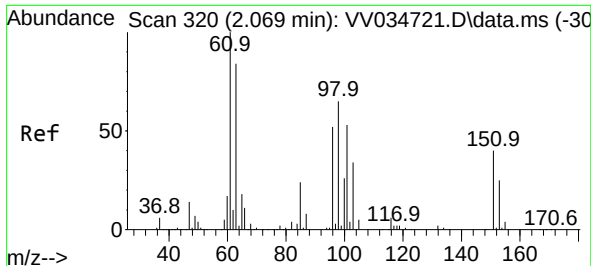
Instrument :
MSVOA_V
ClientSampleId :
YCL18

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Quant Title : VOC Analysis
QLast Update : Wed Mar 20 01:19:21 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 35.523 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034728.D

Acq: 19 Mar 2024 12:24

Instrument :

MSVOA_V

ClientSampleId :

YCL18

Tgt Ion: 96 Resp: 7910

Ion Ratio Lower Upper

96 100

61 199.4 128.9 239.3

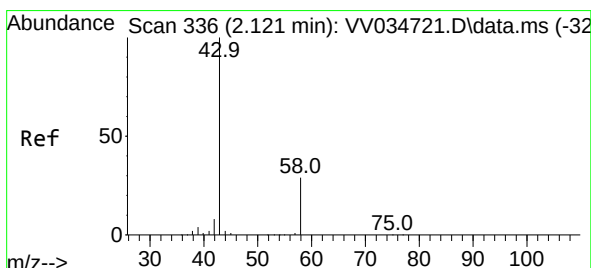
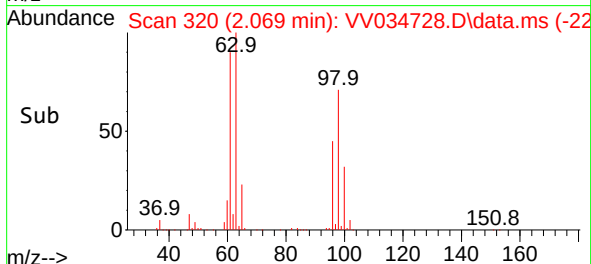
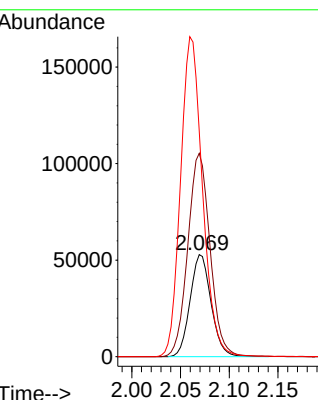
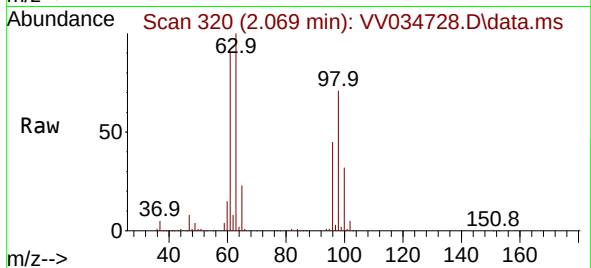
63 221.1 98.0 182.0

Manual Integrations

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#13

Acetone

Concen: 133.665 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.003 min

Lab File: VV034728.D

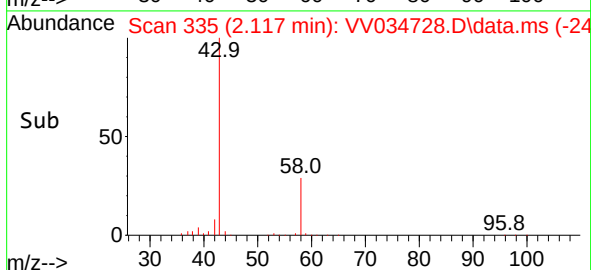
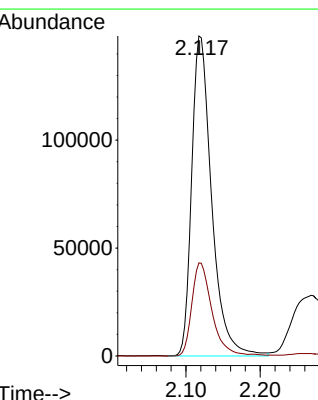
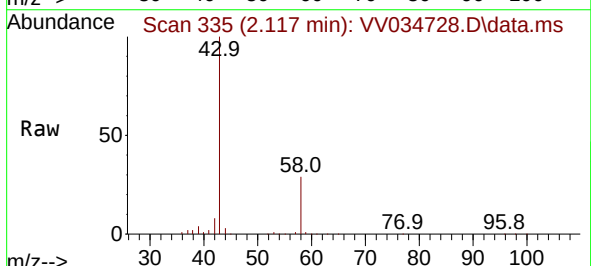
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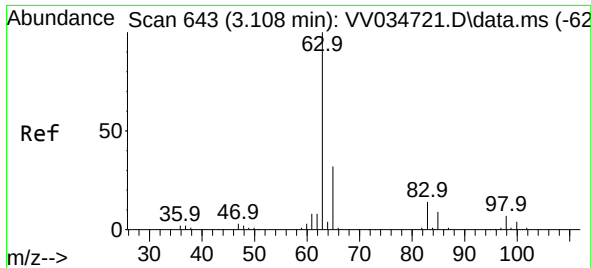
Tgt Ion: 43 Resp: 277018

Ion Ratio Lower Upper

43 100

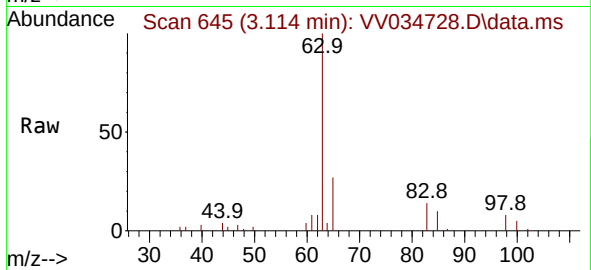
58 29.0 0.0 57.2





#19
1,1-Dichloroethane
Concen: 3.860 ug/L
RT: 3.114 min Scan# 643
Delta R.T. 0.006 min
Lab File: VV034728.D
Acq: 19 Mar 2024 12:24

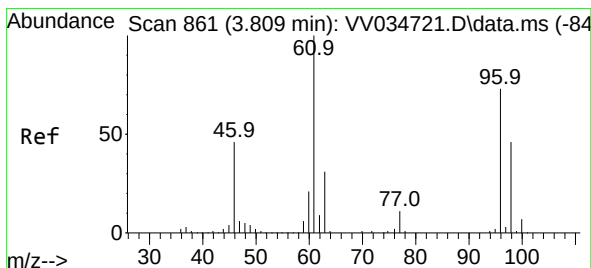
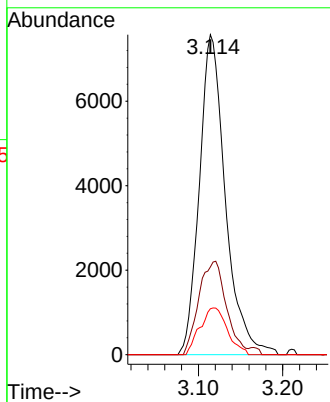
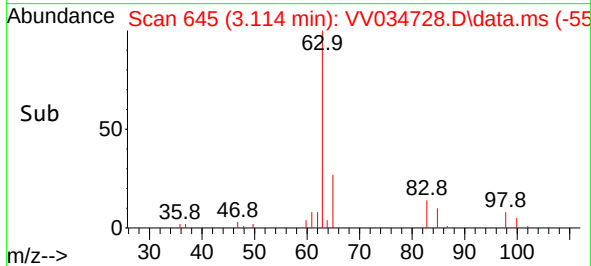
Instrument :
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ClientSampleId :
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Tgt Ion: 63 Resp: 16298
Ion Ratio Lower Upper
63 100
65 27.4 22.1 41.1
83 14.3 9.9 18.3

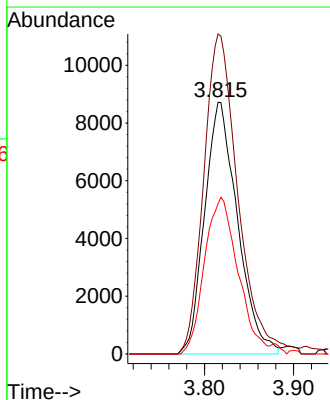
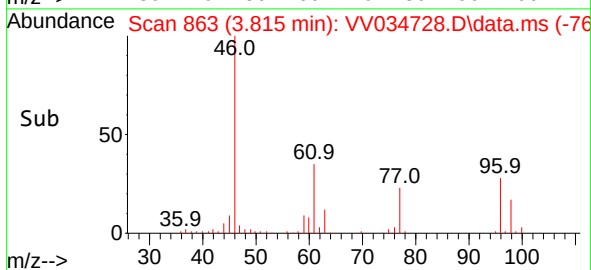
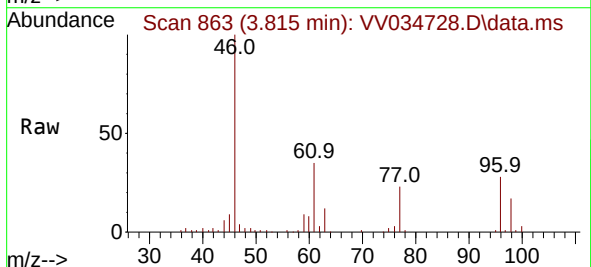
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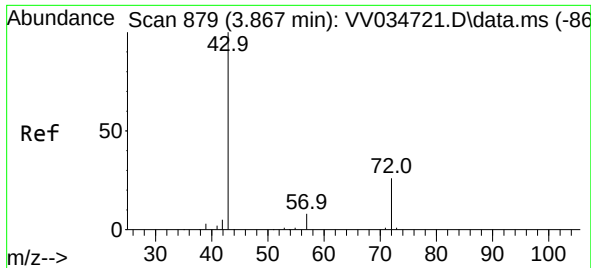
Reviewed By :Mahesh Dadoda 03/20/2024
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#20
cis-1,2-Dichloroethene
Concen: 9.571 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.006 min
Lab File: VV034728.D
Acq: 19 Mar 2024 12:24

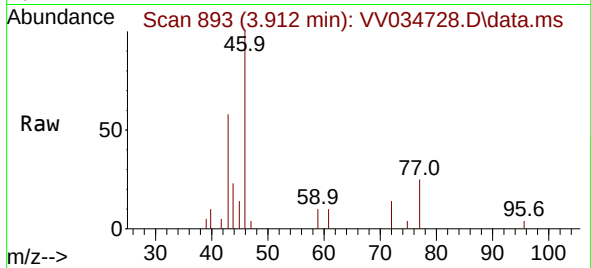
Tgt Ion: 96 Resp: 22382
Ion Ratio Lower Upper
96 100
61 127.2 96.0 178.4
98 59.6 46.0 85.4





#22
2-Butanone
Concen: 4.782 ug/L m
RT: 3.912 min Scan# 893
Delta R.T. 0.045 min
Lab File: VV034728.D
Acq: 19 Mar 2024 12:24

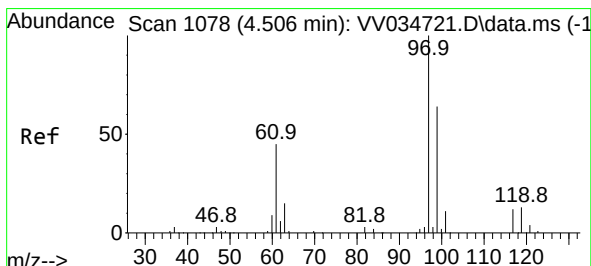
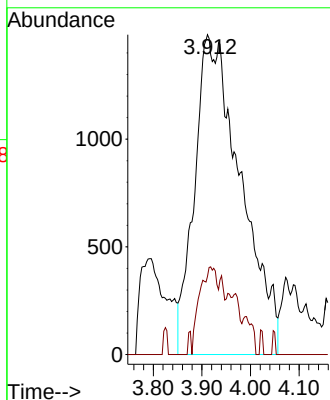
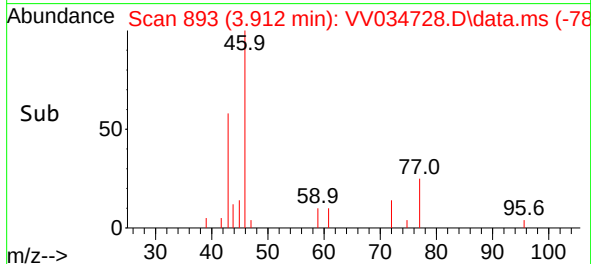
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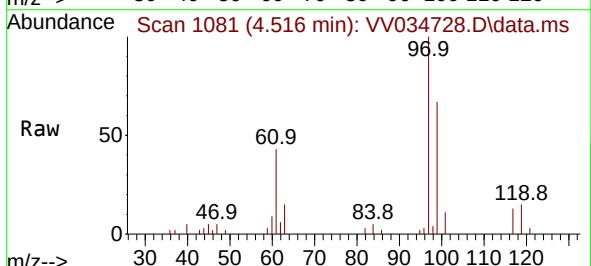
Tgt Ion: 43 Resp: 9780
Ion Ratio Lower Upper
43 100
72 1.9 11.5 34.4

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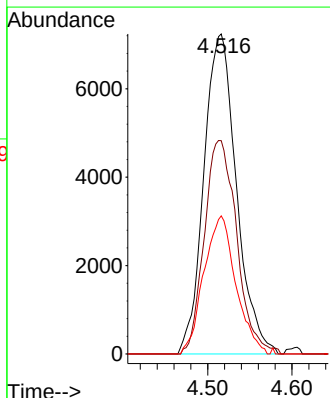
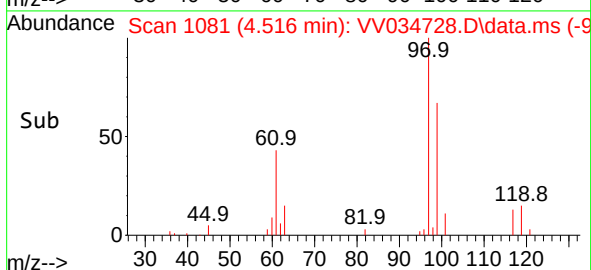
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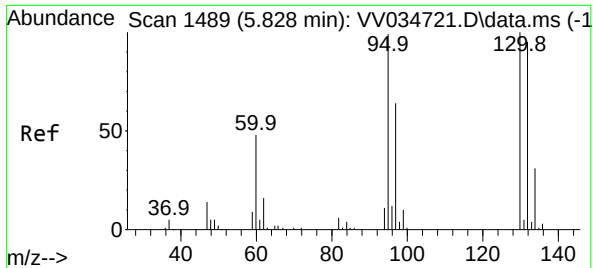


#30
1,1,1-Trichloroethane
Concen: 4.824 ug/L
RT: 4.516 min Scan# 1081
Delta R.T. 0.010 min
Lab File: VV034728.D
Acq: 19 Mar 2024 12:24



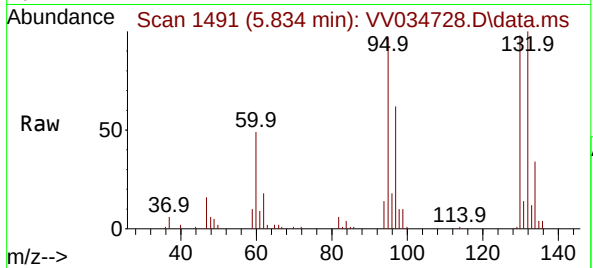
Tgt Ion: 97 Resp: 19476
Ion Ratio Lower Upper
97 100
99 66.1 51.3 76.9
61 42.3 36.0 54.0





#34
 Trichloroethene
 Concen: 15.077 ug/L
 RT: 5.834 min Scan# 1489
 Delta R.T. 0.006 min
 Lab File: VV034728.D
 Acq: 19 Mar 2024 12:24

Instrument :
 MSVOA_V
 ClientSampleId :
 YCL18



Tgt Ion: 95 Resp: 3745

Ion	Ratio	Lower	Upper
95	100		
97	63.3	44.7	83.1
132	102.7	65.3	121.3
130	100.3	69.1	128.3

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