

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
 Data File : VU050856.D
 Acq On : 21 Sep 2022 01:28
 Operator : JC/MD
 Sample : N4650-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ10

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

Quant Time: Sep 21 04:42:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 04:30:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	409126	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	399209	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	144641	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	194588	45.906	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.820%		
7) Chloroethane-d5	1.906	69	153234	50.759	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	101.520%		
11) 1,1-Dichloroethene-d2	2.565	63	240262m	36.427	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.860%		
21) 2-Butanone-d5	4.616	46	319296	116.677	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	116.680%		
24) Chloroform-d	5.060	84	326730	49.186	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.380%		
26) 1,2-Dichloroethane-d4	5.700	65	207427	50.669	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.340%		
32) Benzene-d6	5.726	84	655574	49.857	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.720%		
36) 1,2-Dichloropropane-d6	6.690	67	227834	51.332	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.660%		
41) Toluene-d8	7.896	98	527555	45.899	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.800%		
43) trans-1,3-Dichloroprop...	8.179	79	87960	45.555	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.120%		
47) 2-Hexanone-d5	8.629	63	194565	106.374	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.370%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	335782	49.622	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.240%		
66) 1,2-Dichlorobenzene-d4	12.192	152	168242	55.554	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	111.100%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.578	96	9756	3.102	ug/L	# 1
13) Acetone	2.629	43	6229	2.688	ug/L	97
19) 1,1-Dichloroethane	3.867	63	69221	10.627	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	10293	2.880	ug/L	96
30) 1,1,1-Trichloroethane	5.314	97	429428	80.856	ug/L	100
46) Tetrachloroethene	8.555	164	22269	9.081	ug/L	96

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

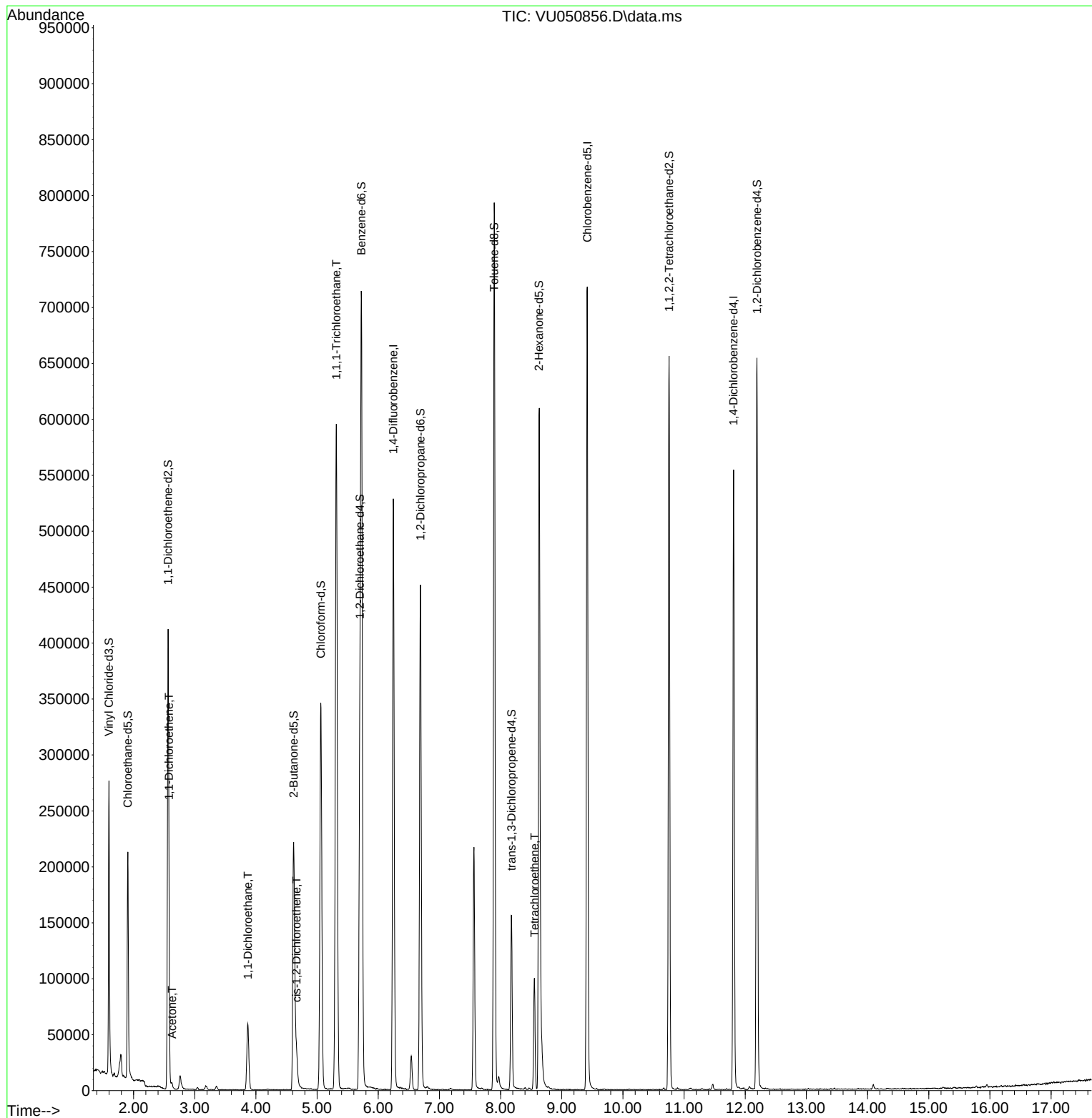
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
Data File : VU050856.D
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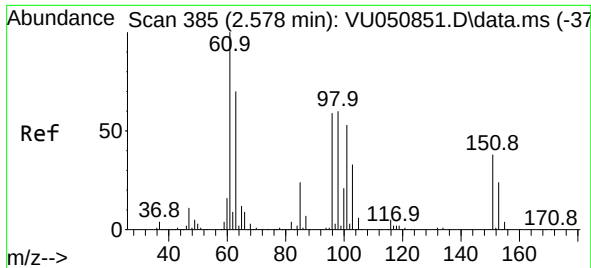
Instrument :
MSVOA_U
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EXZ10

Quant Time: Sep 21 04:42:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 21 04:30:12 2022
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#12

1,1-Dichloroethene

Concen: 3.102 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU050856.D

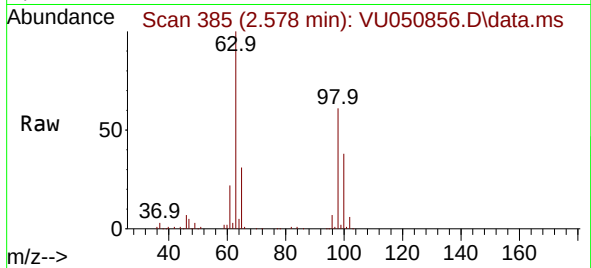
Acq: 21 Sep 2022 01:28

Instrument :

MSVOA_U

ClientSampleId :

EXZ10



Tgt Ion: 96 Resp: 9750

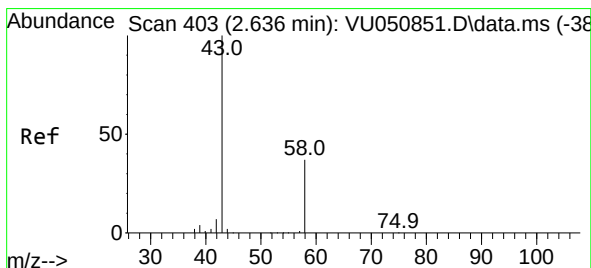
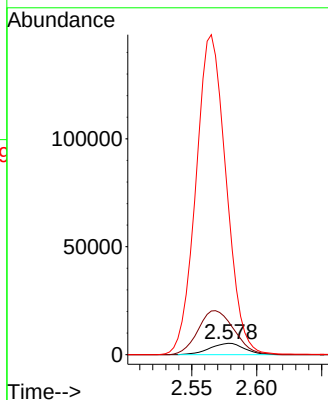
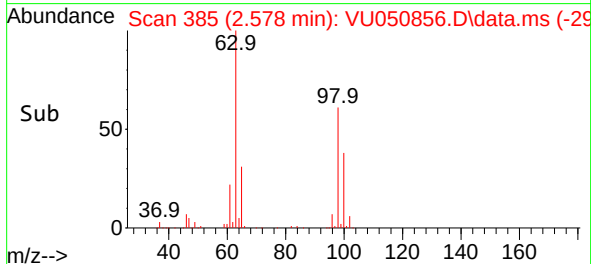
Ion	Ratio	Lower	Upper
96	100		
61	295.9	118.6	220.2
63	1346.7	90.4	168.0

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#13

Acetone

Concen: 2.688 ug/L

RT: 2.629 min Scan# 401

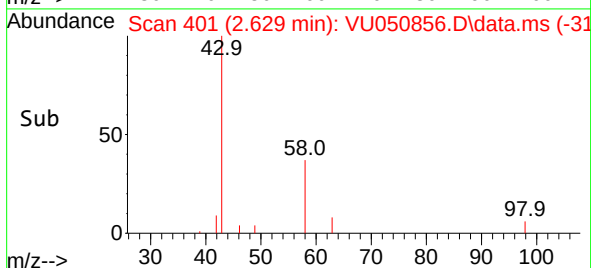
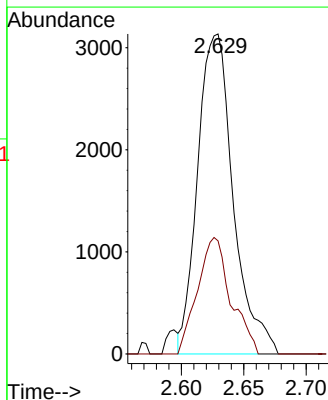
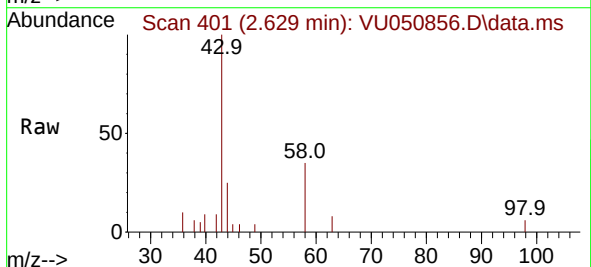
Delta R.T. -0.007 min

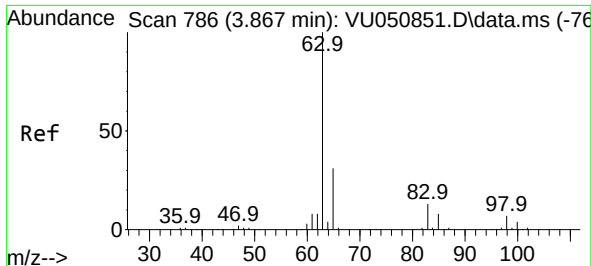
Lab File: VU050856.D

Acq: 21 Sep 2022 01:28

Tgt Ion: 43 Resp: 6229

Ion	Ratio	Lower	Upper
43	100		
58	34.1	0.0	71.4





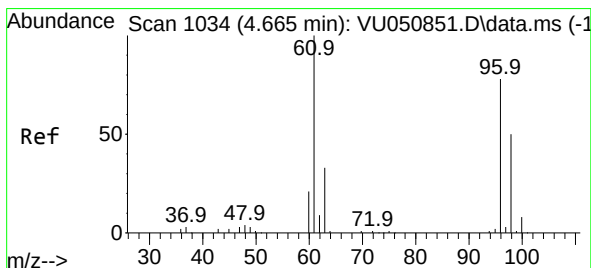
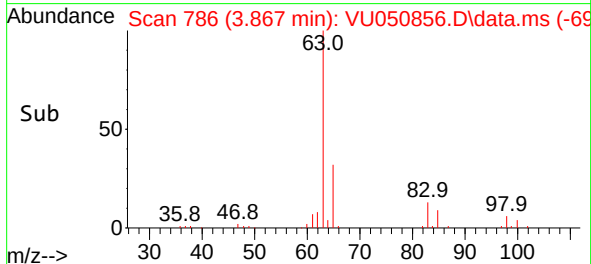
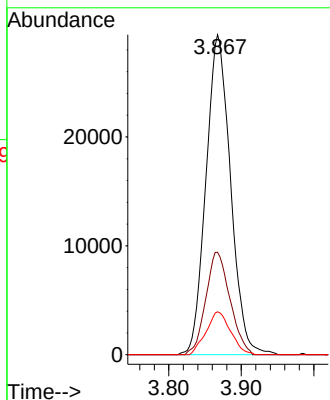
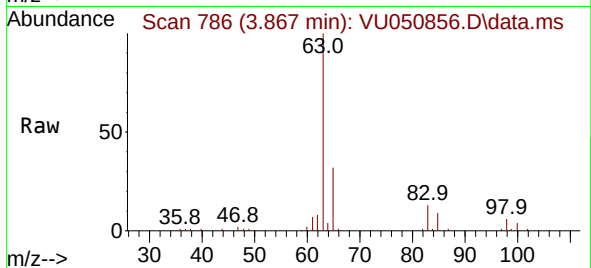
#19
1,1-Dichloroethane
Concen: 10.627 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU050856.D
Acq: 21 Sep 2022 01:28

Instrument :
MSVOA_U
ClientSampleId :
EXZ10

Tgt Ion: 63 Resp: 6922
Ion Ratio Lower Upper
63 100
65 32.0 21.5 39.9
83 13.4 9.3 17.3

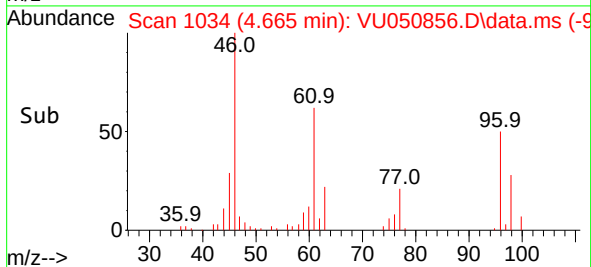
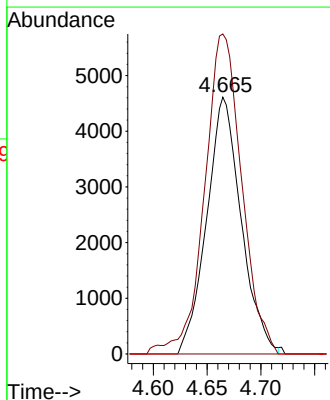
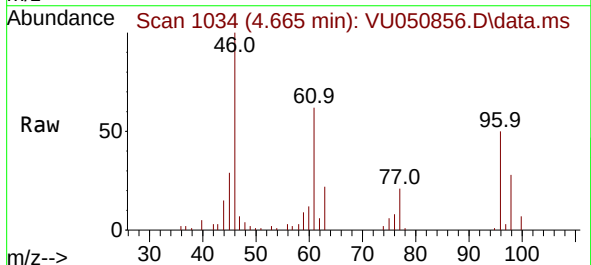
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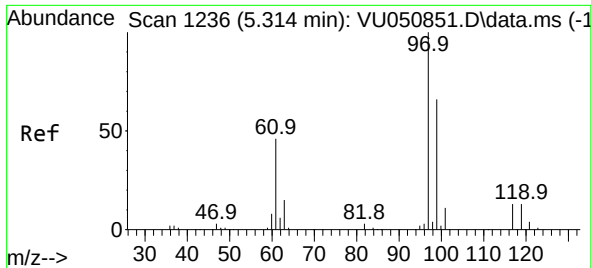
Reviewed By :Krupa Patel 09/21/2022
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#20
cis-1,2-Dichloroethene
Concen: 2.880 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU050856.D
Acq: 21 Sep 2022 01:28

Tgt Ion: 96 Resp: 10293
Ion Ratio Lower Upper
96 100
61 124.6 90.1 167.3
68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 80.856 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU050856.D

Acq: 21 Sep 2022 01:28

Instrument :

MSVOA_U

ClientSampleId :

EXZ10

Tgt Ion: 97 Resp: 429428

Ion Ratio Lower Upper

97 100

99 65.0 52.2 78.2

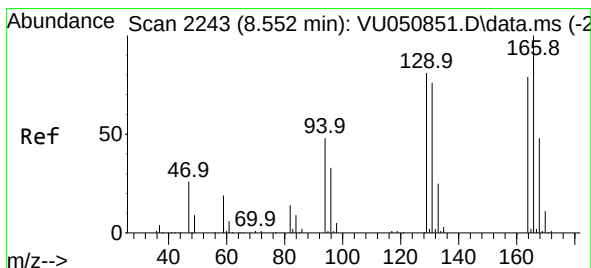
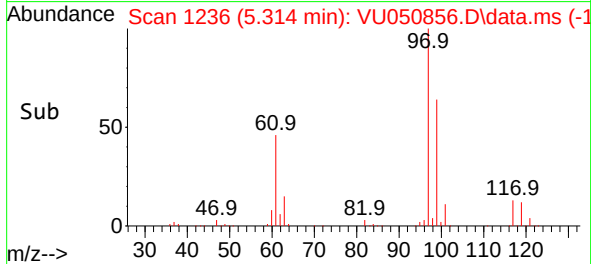
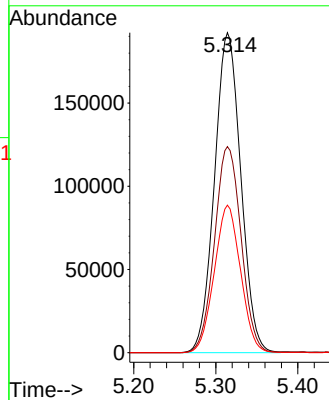
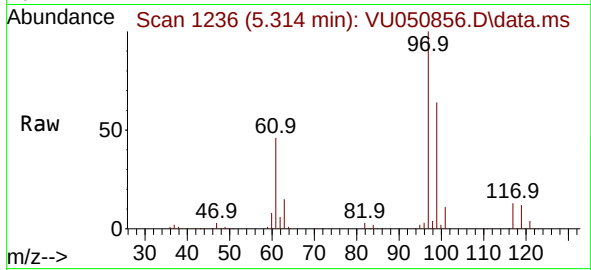
61 45.9 37.1 55.7

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#46

Tetrachloroethene

Concen: 9.081 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.003 min

Lab File: VU050856.D

Acq: 21 Sep 2022 01:28

Tgt Ion:164 Resp: 22269

Ion Ratio Lower Upper

164 100

129 94.5 68.5 127.3

131 85.9 66.1 122.7

166 124.7 88.8 164.8

