

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112122\
 Data File : VU052010.D
 Acq On : 21 Nov 2022 21:32
 Operator : JC/MD
 Sample : N5710-11DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COKZ0DL

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/22/2022
 Supervised By :Mahesh Dadoda 11/23/2022

Quant Time: Nov 22 01:06:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 22 01:03:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	474927	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	461189	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	169116	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	203185	49.370	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.740%		
7) Chloroethane-d5	1.906	69	164502	50.470	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.940%		
11) 1,1-Dichloroethene-d2	2.565	63	274699	45.029	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.060%		
21) 2-Butanone-d5	4.613	46	256171	103.581	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.580%		
24) Chloroform-d	5.060	84	327739	48.604	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.200%		
26) 1,2-Dichloroethane-d4	5.697	65	205322	50.627	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.260%		
32) Benzene-d6	5.723	84	696029	50.633	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.260%		
36) 1,2-Dichloropropane-d6	6.687	67	226864	51.370	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.740%		
41) Toluene-d8	7.896	98	581392	47.337	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.680%		
43) trans-1,3-Dichloroprop...	8.176	79	87531	46.560	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.120%		
47) 2-Hexanone-d5	8.629	63	177023	102.757	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.760%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	339309	48.565	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.140%		
66) 1,2-Dichlorobenzene-d4	12.189	152	193315	55.277	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.560%		
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	306781	81.777	ug/L	100
12) 1,1-Dichloroethene	2.578	96	80339m	29.214	ug/L	
16) Methylene chloride	3.044	84	11299	2.698	ug/L	93
19) 1,1-Dichloroethane	3.867	63	27300	4.535	ug/L	95
20) cis-1,2-Dichloroethene	4.665	96	79232	22.555	ug/L	96
30) 1,1,1-Trichloroethane	5.314	97	5419	1.146	ug/L	96
34) Trichloroethene	6.539	95	154180	48.365	ug/L	100
46) Tetrachloroethene	8.552	164	118552	49.295	ug/L	98

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

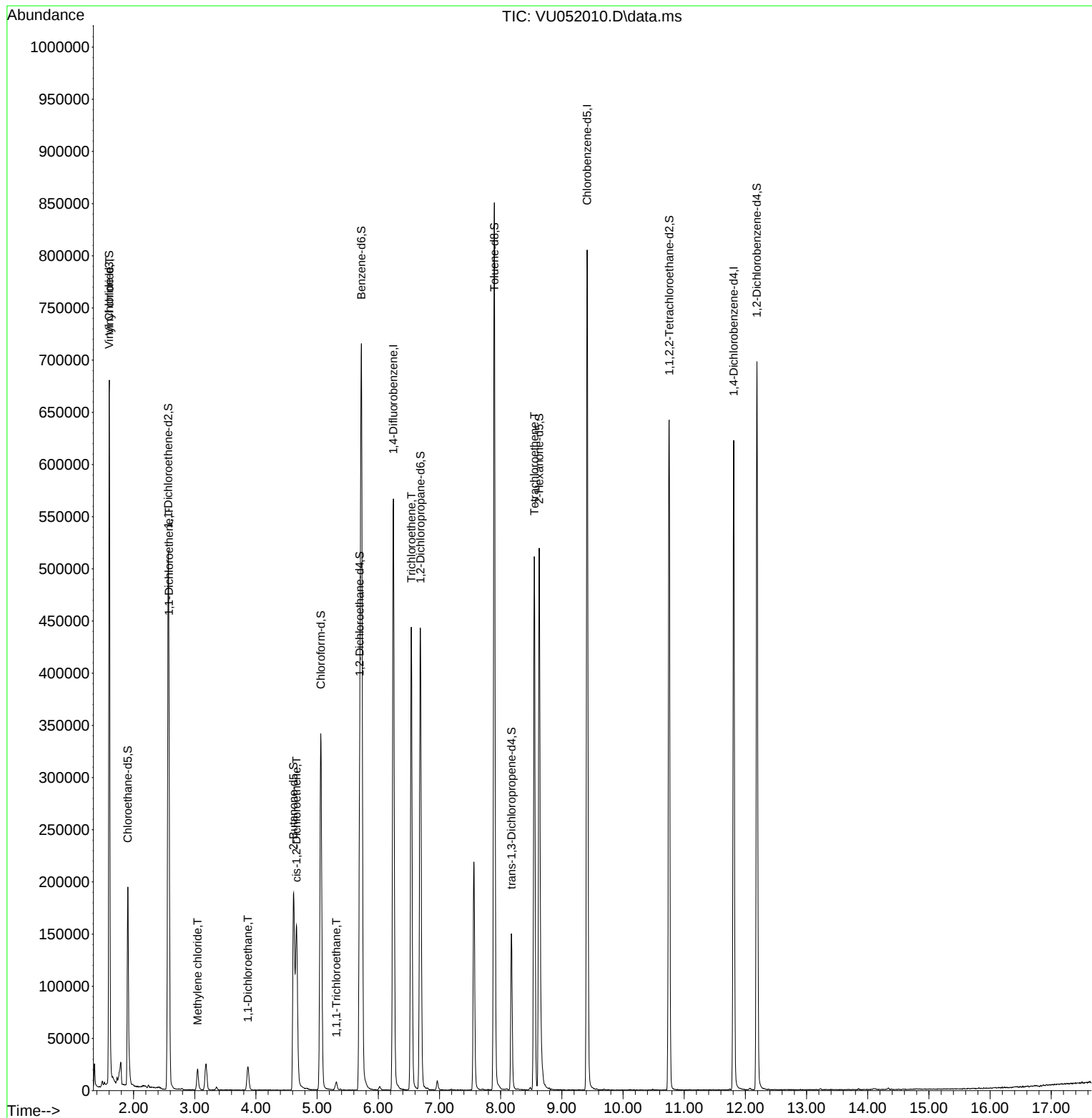
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112122\
Data File : VU052010.D
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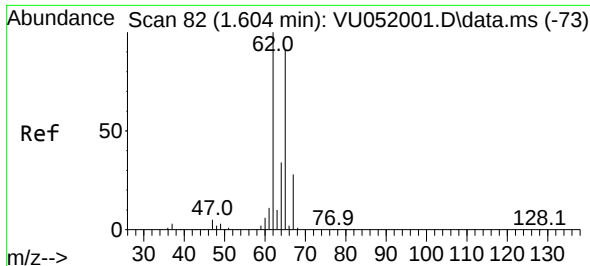
Instrument :
MSVOA_U
ClientSampleId :
C0KZ0DL

Quant Time: Nov 22 01:06:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
Quant Title : VOC Analysis
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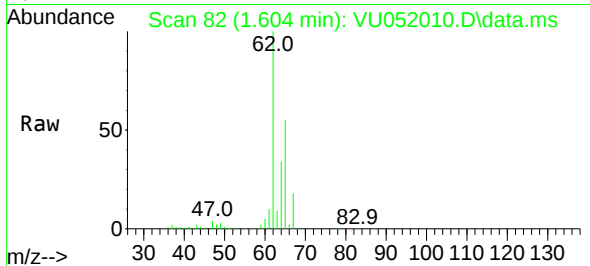
Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022





#5
 Vinyl chloride
 Concen: 81.777 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU052010.D
 Acq: 21 Nov 2022 21:32

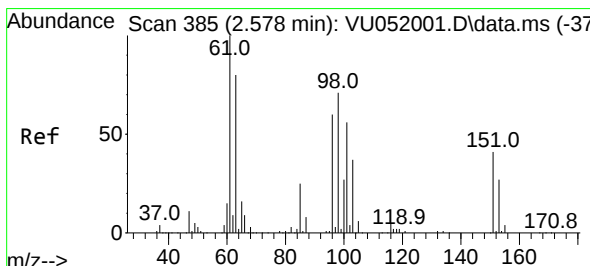
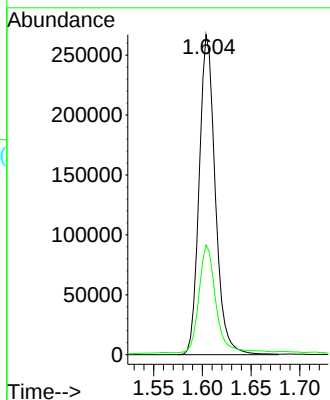
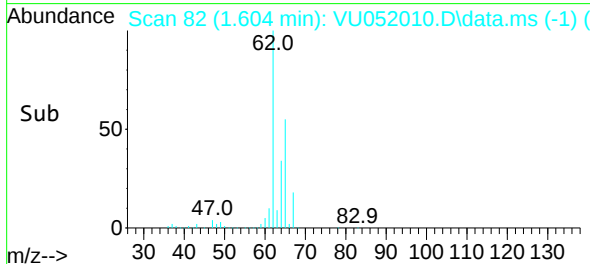
Instrument :
 MSVOA_U
 ClientSampleId :
 COKZODL



Tgt Ion: 62 Resp: 30678
 Ion Ratio Lower Upper
 62 100
 64 34.3 23.9 44.3

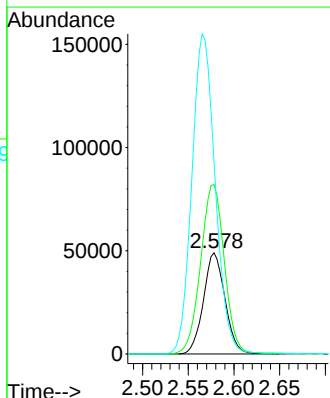
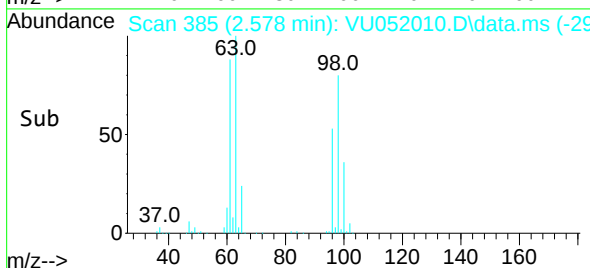
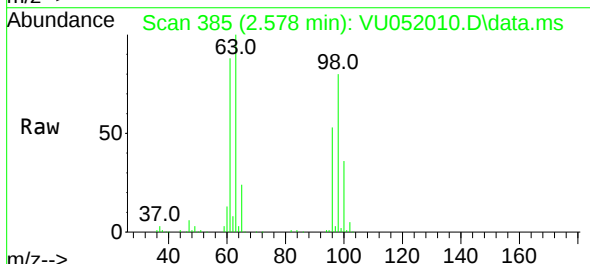
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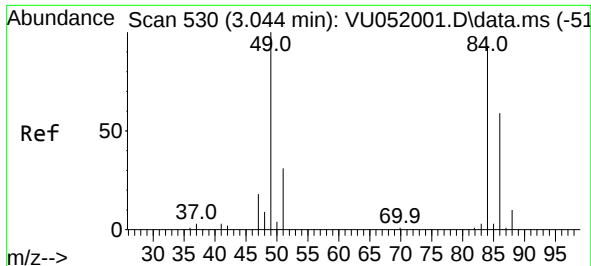
Reviewed By :Krupa Patel 11/22/2022
 Supervised By :Mahesh Dadoda 11/23/2022



#12
 1,1-Dichloroethene
 Concen: 29.214 ug/L m
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU052010.D
 Acq: 21 Nov 2022 21:32

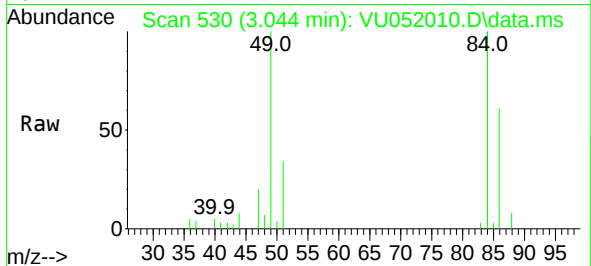
Tgt Ion: 96 Resp: 80339
 Ion Ratio Lower Upper
 96 100
 61 167.6 114.2 212.0
 63 189.9 90.9 168.7#





#16
Methylene chloride
Concen: 2.698 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU052010.D
Acq: 21 Nov 2022 21:32

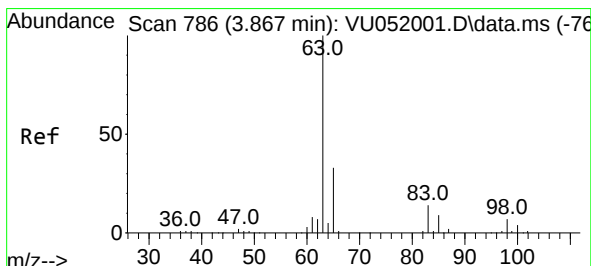
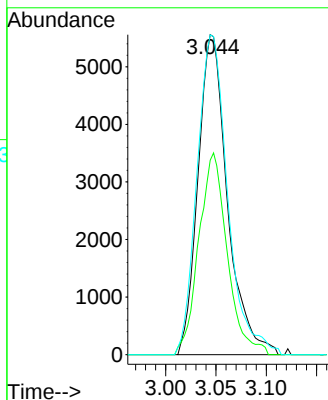
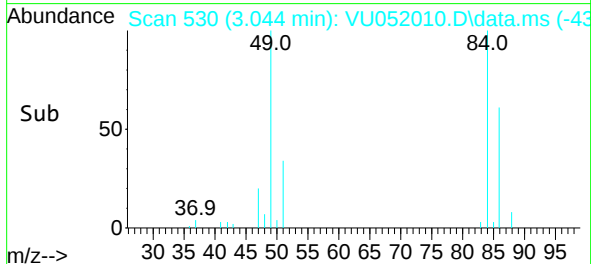
Instrument :
MSVOA_U
ClientSampleId :
COKZ0DL



Tgt Ion: 84 Resp: 11299
Ion Ratio Lower Upper
84 100
86 60.7 45.2 84.0
49 99.9 75.9 141.1

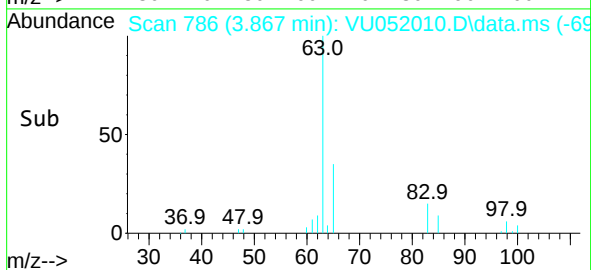
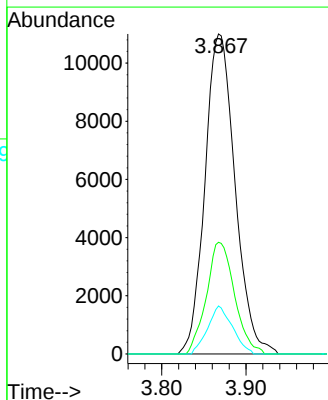
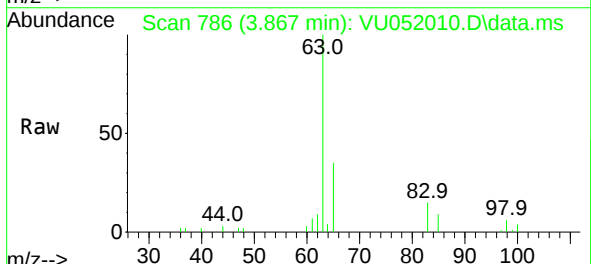
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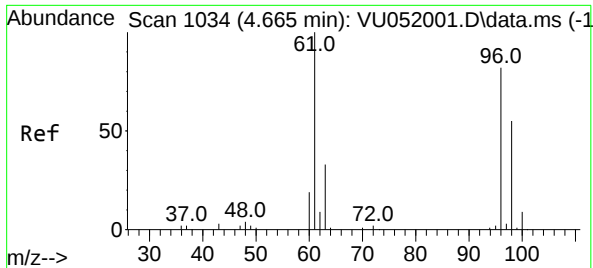
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Supervised By :Mahesh Dadoda 11/23/2022



#19
1,1-Dichloroethane
Concen: 4.535 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU052010.D
Acq: 21 Nov 2022 21:32

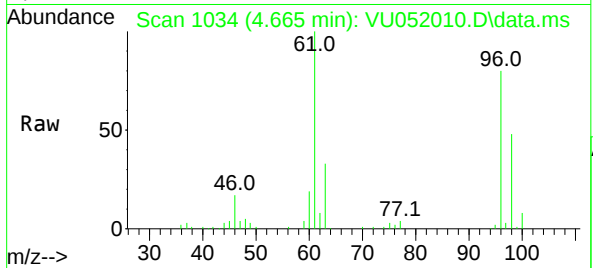
Tgt Ion: 63 Resp: 27300
Ion Ratio Lower Upper
63 100
65 34.9 22.3 41.3
83 15.0 9.8 18.2





#20
cis-1,2-Dichloroethene
Concen: 22.555 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU052010.D
Acq: 21 Nov 2022 21:32

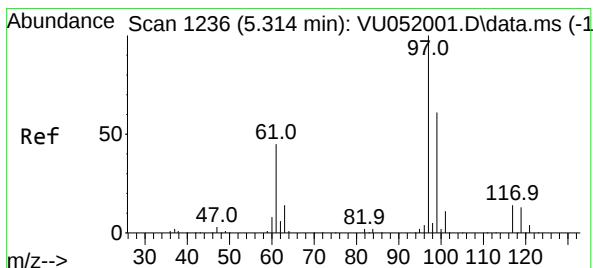
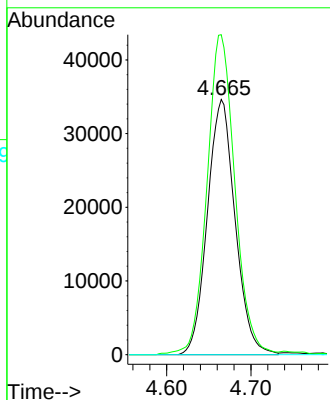
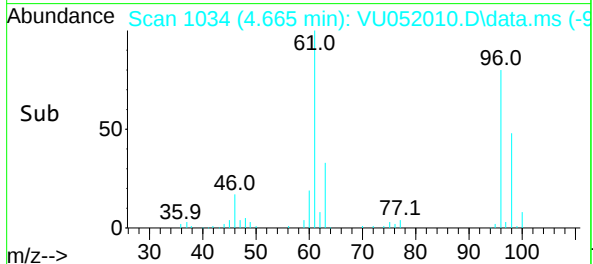
Instrument :
MSVOA_U
ClientSampleId :
COKZODL



Tgt Ion: 96 Resp: 7923
Ion Ratio Lower Upper
96 100
61 125.4 84.5 156.9
68 0.0 0.0 0.0

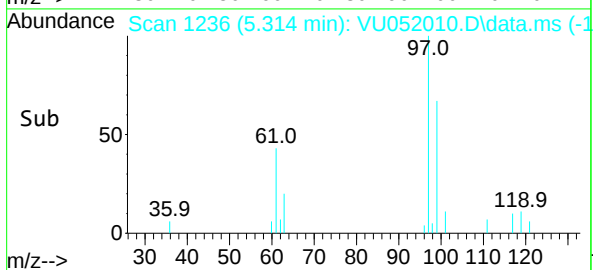
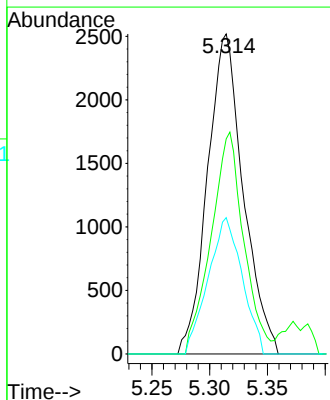
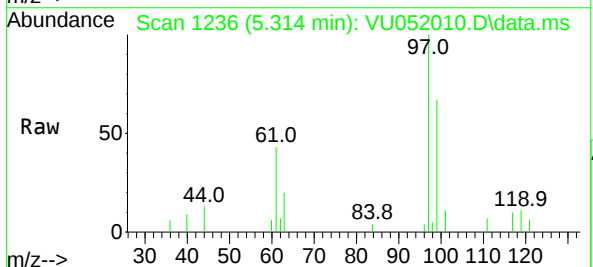
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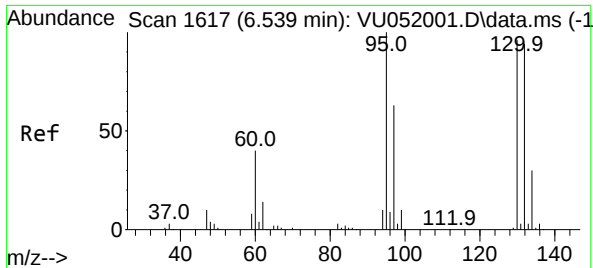
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Supervised By :Mahesh Dadoda 11/23/2022



#30
1,1,1-Trichloroethane
Concen: 1.146 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VU052010.D
Acq: 21 Nov 2022 21:32

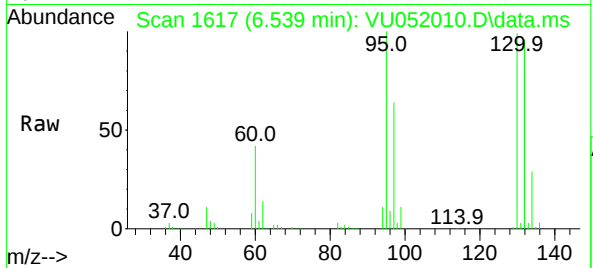
Tgt Ion: 97 Resp: 5419
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.0
61 40.6 37.2 55.8





#34
Trichloroethene
Concen: 48.365 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052010.D
Acq: 21 Nov 2022 21:32

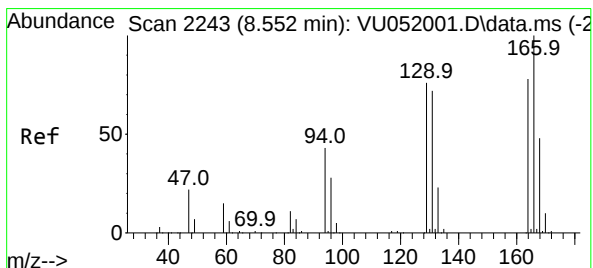
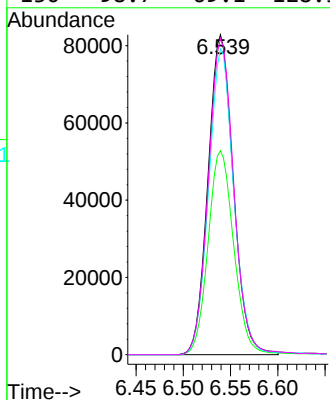
Instrument :
MSVOA_U
ClientSampleId :
COKZODL



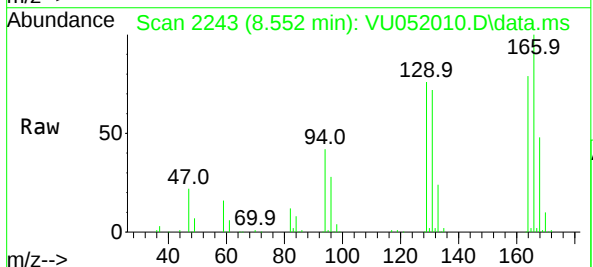
Tgt Ion: 95 Resp: 154180
Ion Ratio Lower Upper
95 100
97 63.7 45.3 84.1
132 95.5 66.8 124.2
130 98.7 69.1 128.3

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#46
Tetrachloroethene
Concen: 49.295 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU052010.D
Acq: 21 Nov 2022 21:32



Tgt Ion:164 Resp: 118552
Ion Ratio Lower Upper
164 100
129 95.1 67.3 124.9
131 90.1 65.2 121.2
166 125.9 89.9 166.9

