

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112022\
 Data File : VU051986.D
 Acq On : 20 Nov 2022 20:24
 Operator : JC/MD
 Sample : N5710-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COKZ0

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/24/2022
 Supervised By :Mahesh Dadoda 11/24/2022

Quant Time: Nov 22 04:12:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 18 00:53:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	453537	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	447411	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	167596	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	104373	46.877	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.760%		
7) Chloroethane-d5	1.906	69	93523	41.923	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.840%		
11) 1,1-Dichloroethene-d2	2.578	63	486976	121.965	ug/L	0.01
Spiked Amount 50.000	Range 60 - 125		Recovery =	243.940%#		
21) 2-Butanone-d5	4.616	46	243677	96.245	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.240%		
24) Chloroform-d	5.060	84	250892	44.951	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.900%		
26) 1,2-Dichloroethane-d4	5.697	65	157143	45.993	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.980%		
32) Benzene-d6	5.726	84	435816	46.718	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.440%		
36) 1,2-Dichloropropane-d6	6.687	67	174646	50.295	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.600%		
41) Toluene-d8	7.896	98	327107	42.720	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.440%		
43) trans-1,3-Dichloroprop...	8.176	79	57406	41.505	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.020%		
47) 2-Hexanone-d5	8.629	63	172983	98.020	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.020%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	314193	46.490	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.980%		
66) 1,2-Dichlorobenzene-d4	12.192	152	162232	55.005	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.020%		
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	2991475	779.942	ug/L	96
12) 1,1-Dichloroethene	2.578	96	753095m	278.632	ug/L	
13) Acetone	2.623	43	8930	3.297	ug/L	99
14) Carbon disulfide	2.790	76	4098	0.547	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	10126	3.476	ug/L	95
19) 1,1-Dichloroethane	3.867	63	279184	47.094	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	851889	250.605	ug/L	100
27) 1,2-Dichloroethane	5.796	62	8930	1.954	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	49257	10.889	ug/L	98
33) Benzene	5.771	78	19737	1.534	ug/L	100
34) Trichloroethene	6.539	95	1692029	554.948	ug/L	98
46) Tetrachloroethene	8.552	164	1173487	481.930	ug/L	98

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

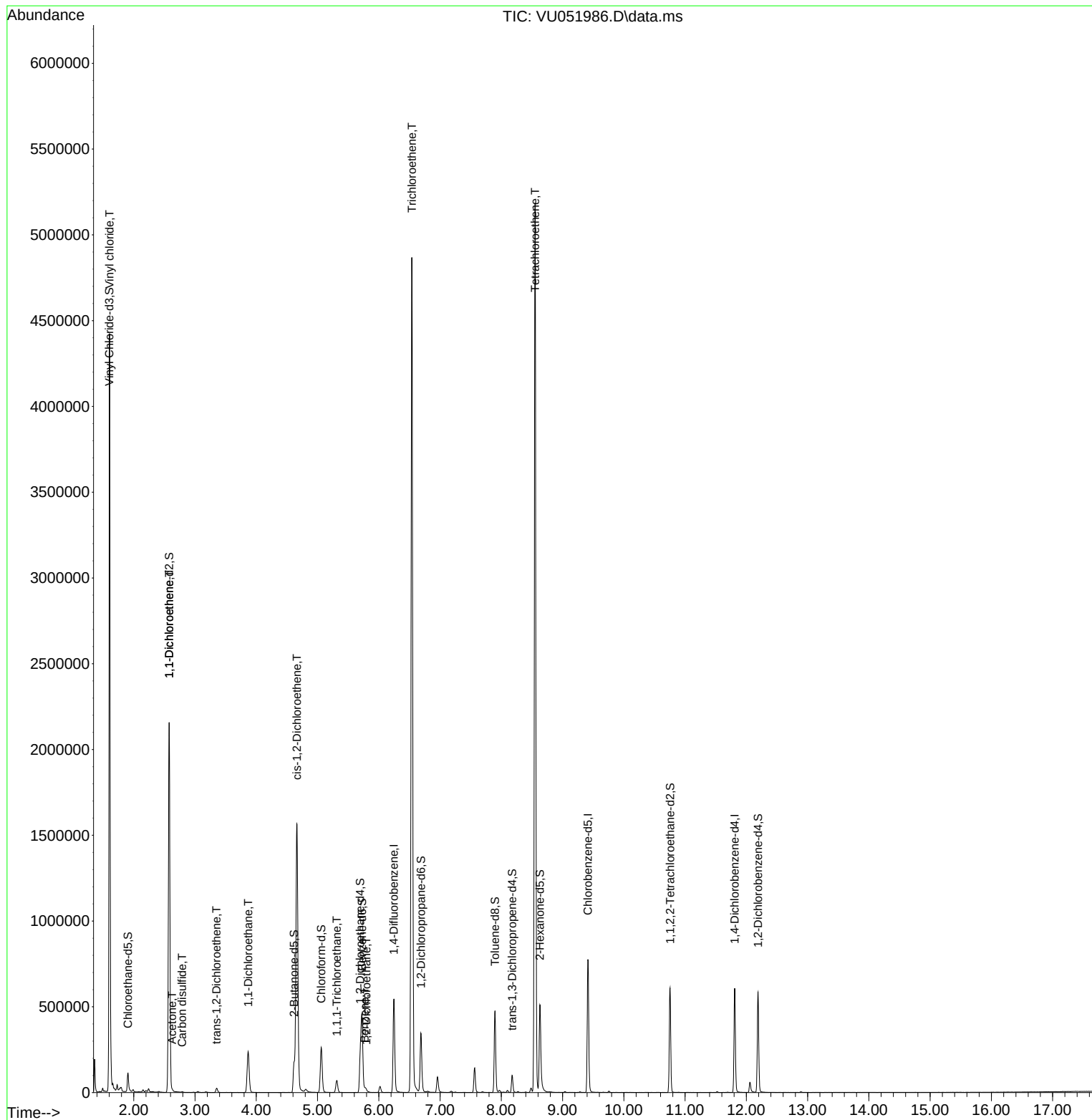
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112022\
Data File : VU051986.D
Acq On : 20 Nov 2022 20:24
Operator : JC/MD
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

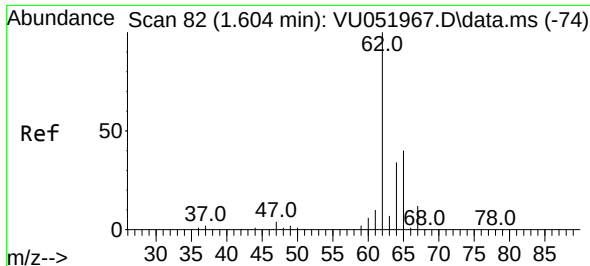
Instrument :
MSVOA_U
ClientSampleId :
C0KZ0

Quant Time: Nov 22 04:12:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111522WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 18 00:53:49 2022
Response via : Initial Calibration

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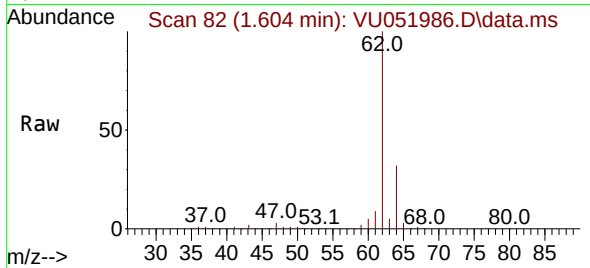
Reviewed By :Krupa Patel 11/24/2022
Supervised By :Mahesh Dadoda 11/24/2022





#5
 Vinyl chloride
 Concen: 779.942 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051986.D
 Acq: 20 Nov 2022 20:24

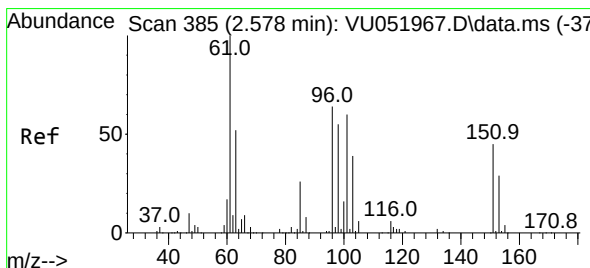
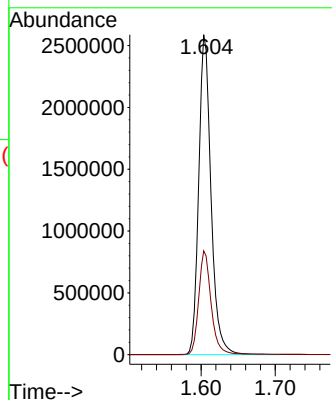
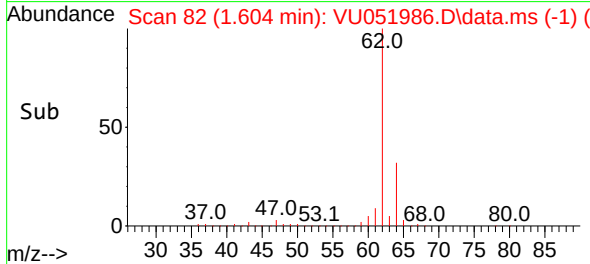
Instrument :
 MSVOA_U
 ClientSampleId :
 COKZ0



Tgt Ion: 62 Resp: 2991475
 Ion Ratio Lower Upper
 62 100
 64 32.5 24.3 45.1

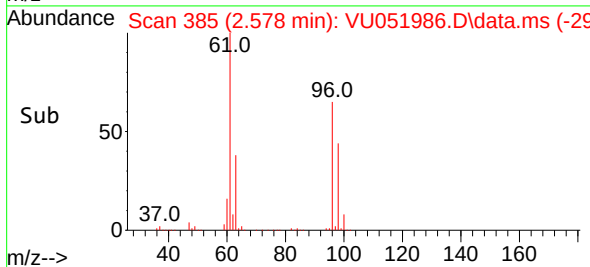
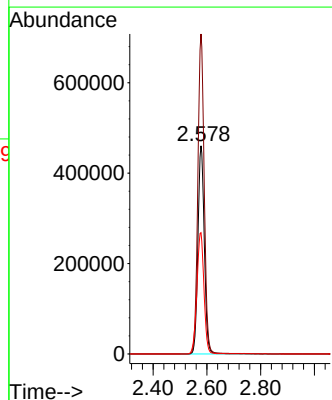
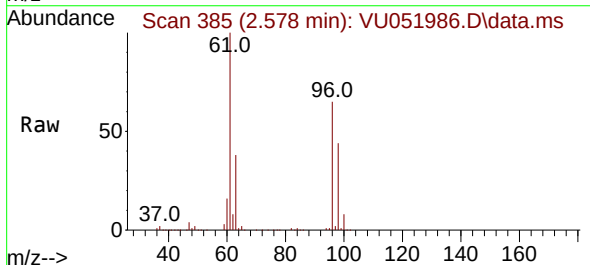
Manual Integrations
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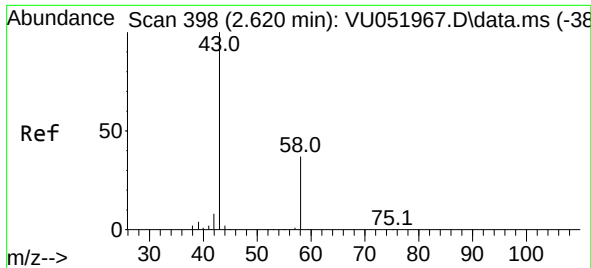
Reviewed By :Krupa Patel 11/24/2022
 Supervised By :Mahesh Dadoda 11/24/2022



#12
 1,1-Dichloroethene
 Concen: 278.632 ug/L m
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU051986.D
 Acq: 20 Nov 2022 20:24

Tgt Ion: 96 Resp: 753095
 Ion Ratio Lower Upper
 96 100
 61 153.7 110.7 205.5
 63 58.3 68.6 127.4#





#13

Acetone

Concen: 3.297 ug/L

RT: 2.623 min Scan# 398

Delta R.T. 0.003 min

Lab File: VU051986.D

Acq: 20 Nov 2022 20:24

Instrument :

MSVOA_U

ClientSampleId :

C0KZ0

Tgt Ion: 43 Resp: 8930

Ion Ratio Lower Upper

43 100

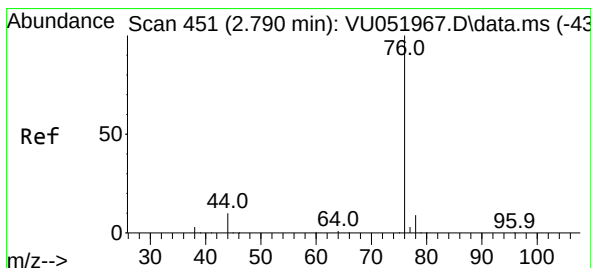
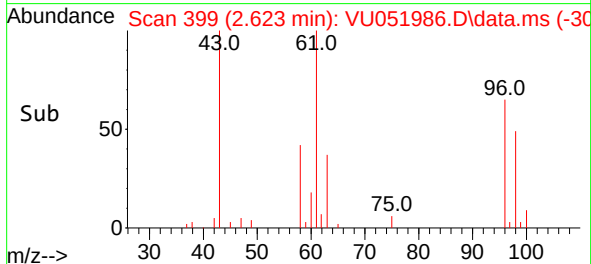
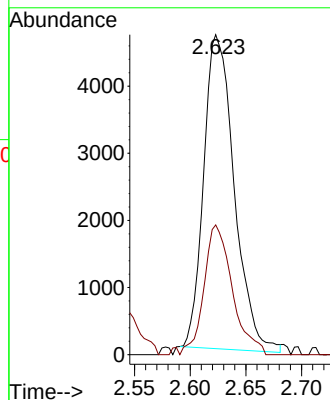
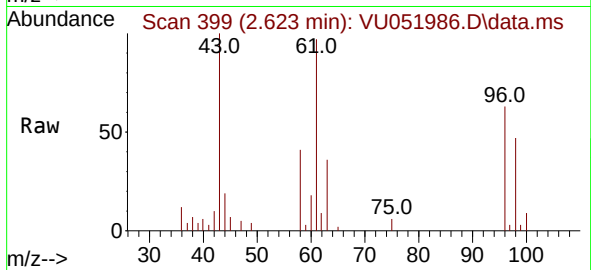
58 38.3 0.0 75.4

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#14

Carbon disulfide

Concen: 0.547 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU051986.D

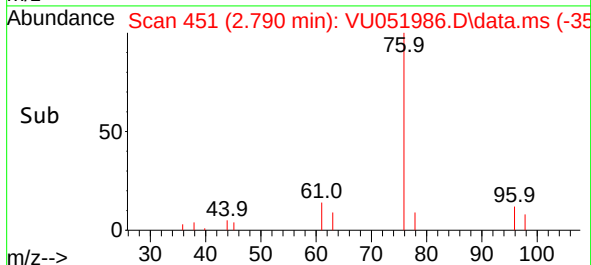
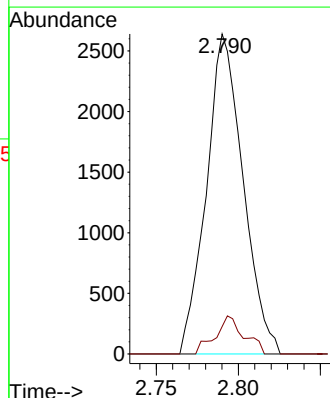
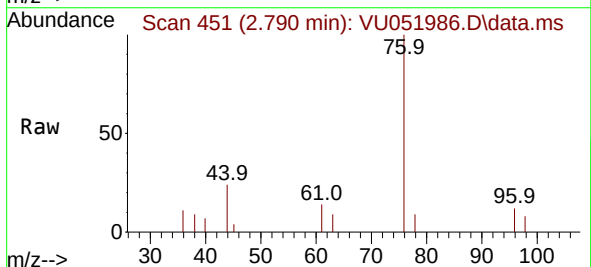
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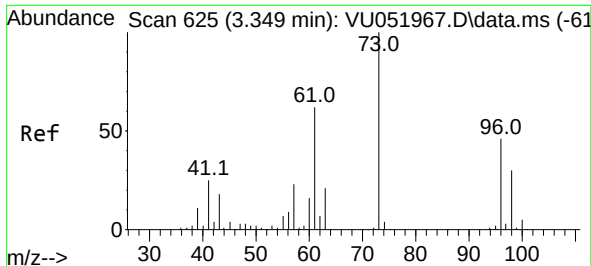
Tgt Ion: 76 Resp: 4098

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.0





#17

trans-1,2-Dichloroethene

Concen: 3.476 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU051986.D

Acq: 20 Nov 2022 20:24

Instrument :

MSVOA_U

ClientSampleId :

C0KZ0

Tgt Ion: 96 Resp: 10120

Ion Ratio Lower Upper

96 100

61 131.4 98.3 182.7

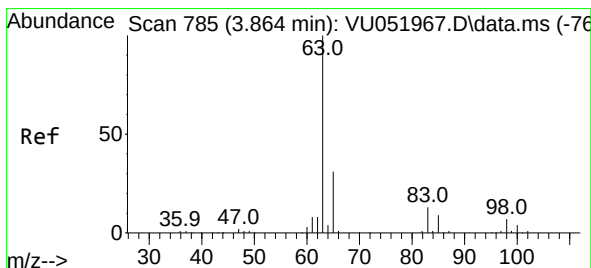
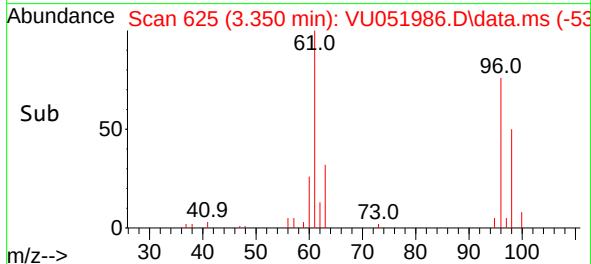
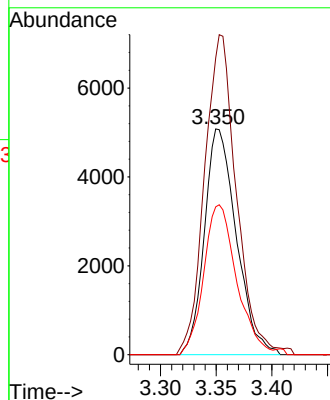
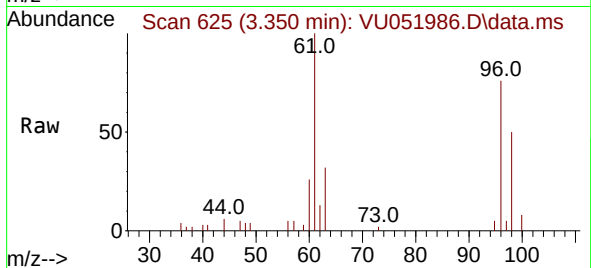
98 65.5 45.5 84.5

Manual Integrations

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Reviewed By :Krupa Patel 11/24/2022

Supervised By :Mahesh Dadoda 11/24/2022



#19

1,1-Dichloroethane

Concen: 47.094 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.003 min

Lab File: VU051986.D

Acq: 20 Nov 2022 20:24

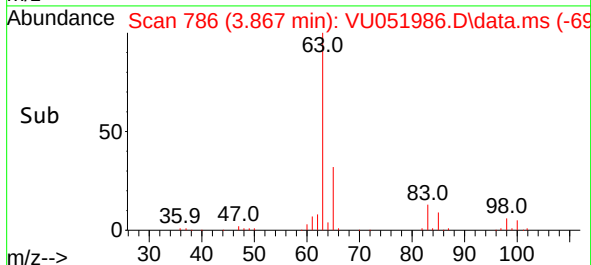
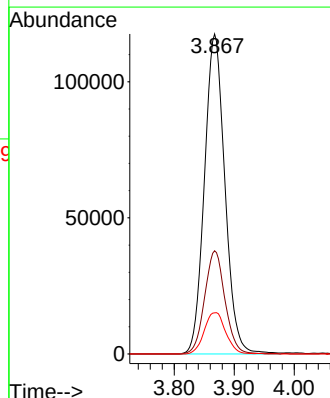
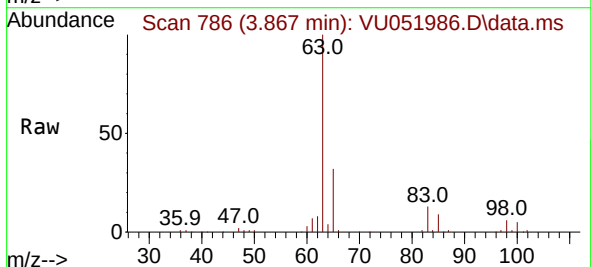
Tgt Ion: 63 Resp: 279184

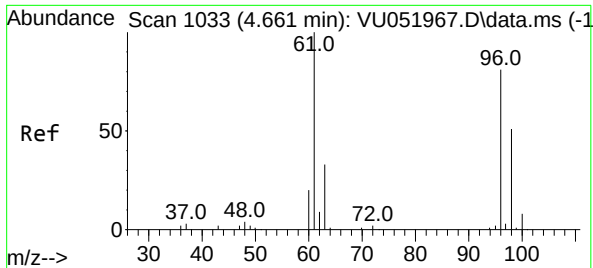
Ion Ratio Lower Upper

63 100

65 32.2 22.2 41.2

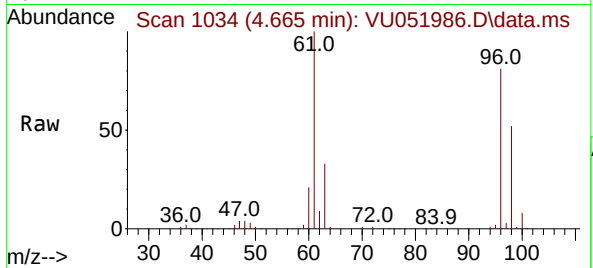
83 12.8 9.6 17.8





#20
cis-1,2-Dichloroethene
Concen: 250.605 ug/L
RT: 4.665 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU051986.D
Acq: 20 Nov 2022 20:24

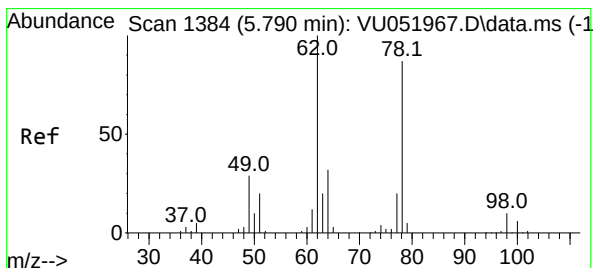
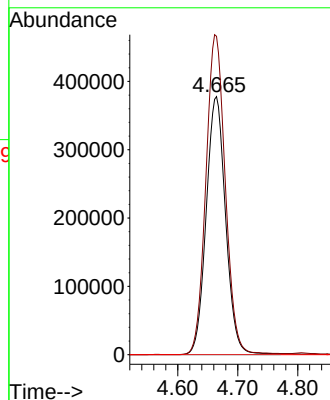
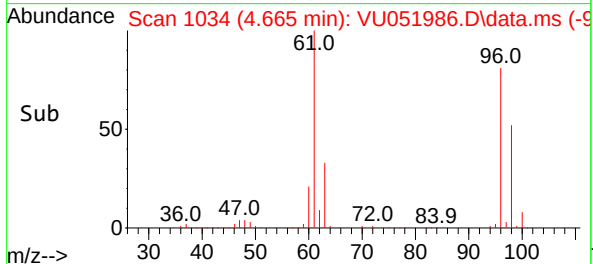
Instrument :
MSVOA_U
ClientSampleId :
COKZ0



Tgt Ion: 96 Resp: 85188
Ion Ratio Lower Upper
96 100
61 123.4 86.0 159.8
68 0.0 0.0 0.0

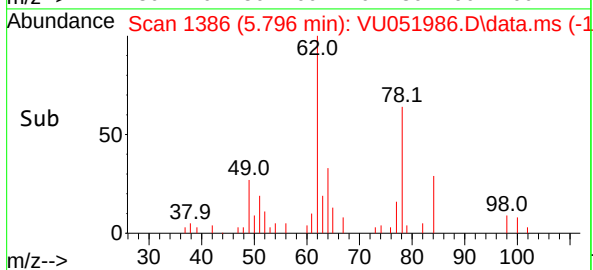
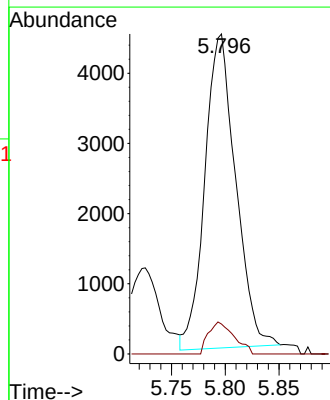
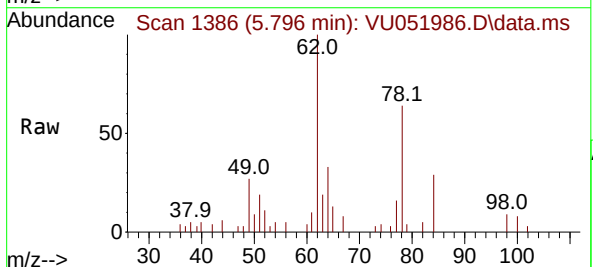
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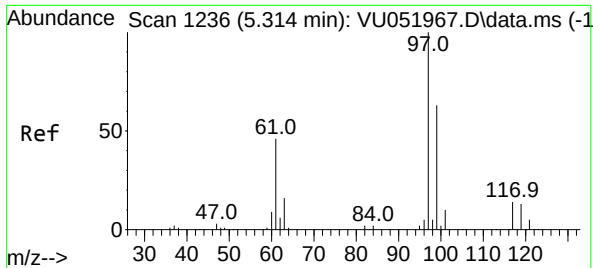
Reviewed By :Krupa Patel 11/24/2022
Supervised By :Mahesh Dadoda 11/24/2022



#27
1,2-Dichloroethane
Concen: 1.954 ug/L
RT: 5.796 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VU051986.D
Acq: 20 Nov 2022 20:24

Tgt Ion: 62 Resp: 8930
Ion Ratio Lower Upper
62 100
98 9.4 8.1 12.1





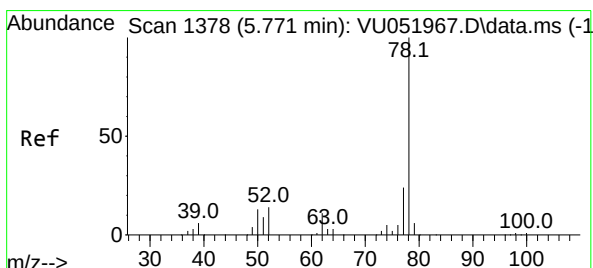
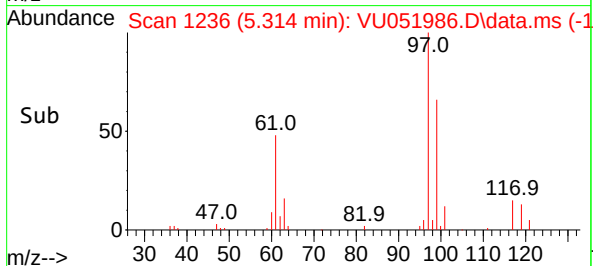
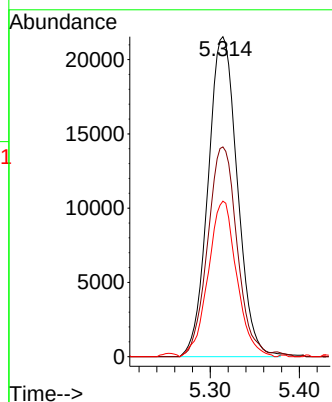
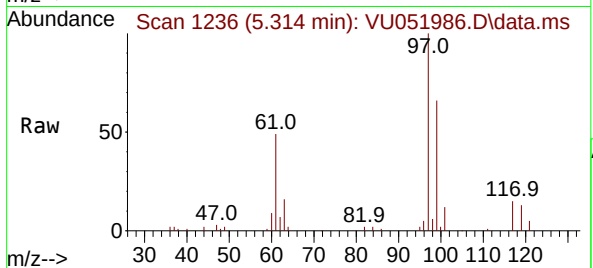
#30
1,1,1-Trichloroethane
Concen: 10.889 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VU051986.D
Acq: 20 Nov 2022 20:24

Instrument :
MSVOA_U
ClientSampleId :
COKZ0

Tgt Ion: 97 Resp: 4925
Ion Ratio Lower Upper
97 100
99 65.8 51.2 76.8
61 47.2 37.4 56.2

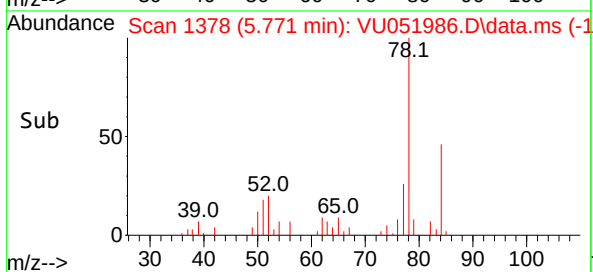
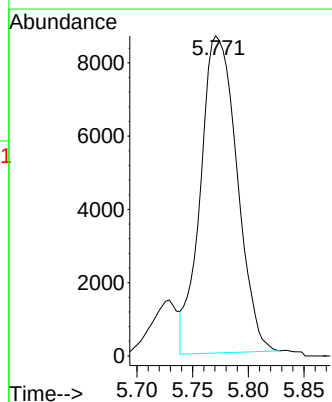
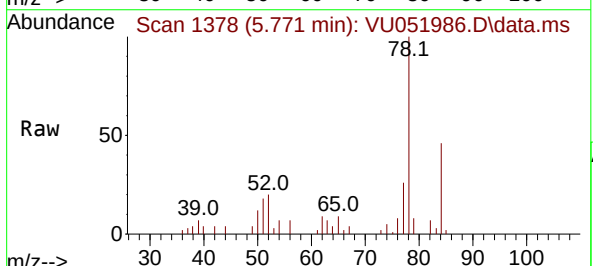
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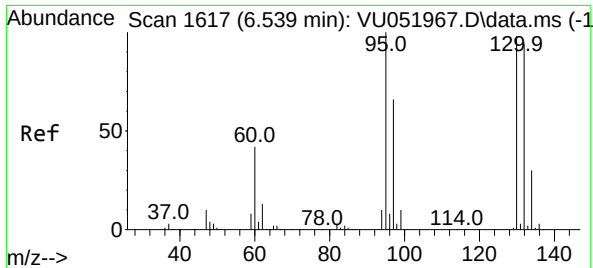
Reviewed By :Krupa Patel 11/24/2022
Supervised By :Mahesh Dadoda 11/24/2022



#33
Benzene
Concen: 1.534 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU051986.D
Acq: 20 Nov 2022 20:24

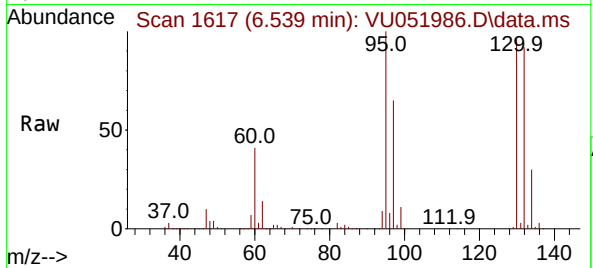
Tgt Ion: 78 Resp: 19737





#34
Trichloroethene
Concen: 554.948 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051986.D
Acq: 20 Nov 2022 20:24

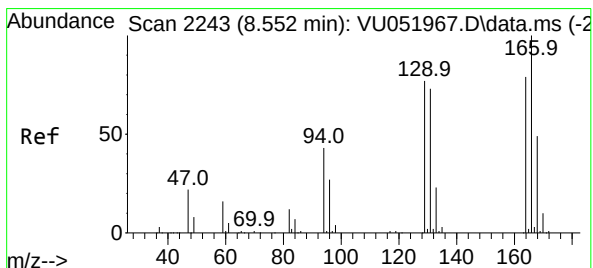
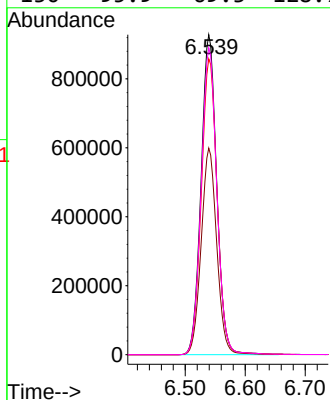
Instrument :
MSVOA_U
ClientSampleId :
COKZ0



Tgt Ion: 95 Resp: 1692029
Ion Ratio Lower Upper
95 100
97 64.5 45.8 85.0
132 92.4 65.3 121.3
130 95.9 69.3 128.7

Manual Integrations
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#46
Tetrachloroethene
Concen: 481.930 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051986.D
Acq: 20 Nov 2022 20:24

Tgt Ion:164 Resp: 1173487
Ion Ratio Lower Upper
164 100
129 96.7 68.5 127.1
131 94.4 66.6 123.8
166 127.8 91.9 170.7

