

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
 Data File : VU057421.D
 Acq On : 09 Jan 2024 07:10
 Operator : MD/SY
 Sample : P1058-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YCHF5

Quant Time: Jan 09 07:37:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 09 06:09:25 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/09/2024
 Supervised By : Mahesh Dadoda 01/09/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	258760	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	251447	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	105258	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	70434	39.548	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.100%		
7) Chloroethane-d5	1.914	69	55962	40.605	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.200%		
11) 1,1-Dichloroethene-d2	2.560	63	142133	37.652	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.300%		
21) 2-Butanone-d5	4.631	46	86406	100.125	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.130%		
24) Chloroform-d	5.055	84	176197	41.837	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.680%		
26) 1,2-Dichloroethane-d4	5.695	65	124243	44.656	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.320%		
32) Benzene-d6	5.721	84	314028	46.525	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.040%		
36) 1,2-Dichloropropane-d6	6.685	67	89763	47.119	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.240%		
41) Toluene-d8	7.891	98	274055	43.328	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.660%		
43) trans-1,3-Dichloroprop...	8.174	79	50497	44.409	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.820%		
47) 2-Hexanone-d5	8.644	63	59595	95.694	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.690%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	125414	44.053	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.100%		
66) 1,2-Dichlorobenzene-d4	12.190	152	97286	47.256	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.520%		
Target Compounds						Qvalue
5) Vinyl chloride	1.605	62	3867	1.950	ug/L #	73
12) 1,1-Dichloroethene	2.573	96	47496	27.089	ug/L #	83
13) Acetone	2.647	43	29707	28.268	ug/L	73
19) 1,1-Dichloroethane	3.866	63	10364	3.121	ug/L	94
20) cis-1,2-Dichloroethene	4.660	96	13531	7.052	ug/L	96
22) 2-Butanone	4.724	43	19324m	18.662	ug/L	
30) 1,1,1-Trichloroethane	5.309	97	12041	3.112	ug/L	97
34) Trichloroethene	6.537	95	17528	8.496	ug/L	99

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

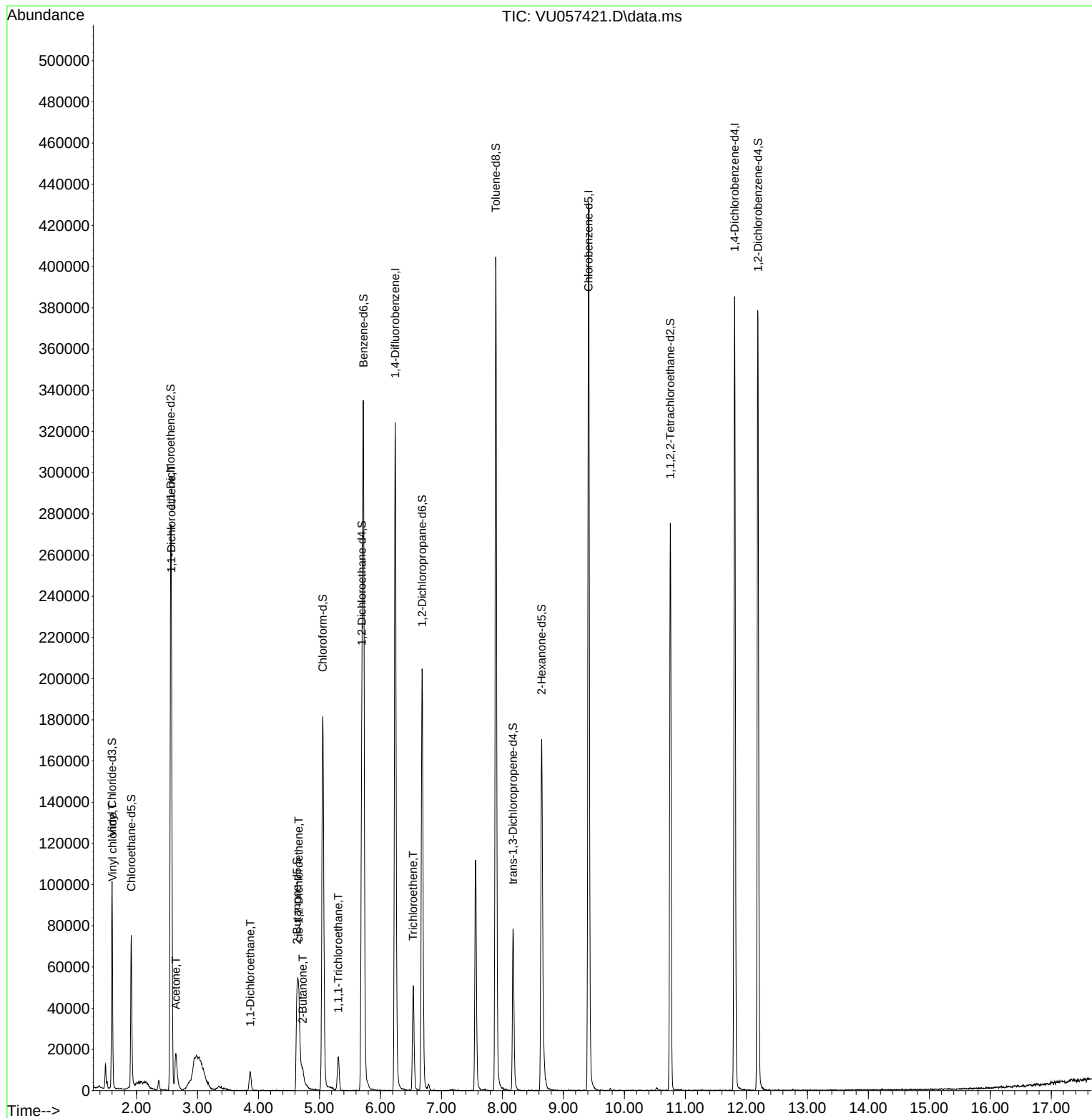
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
Data File : VU057421.D
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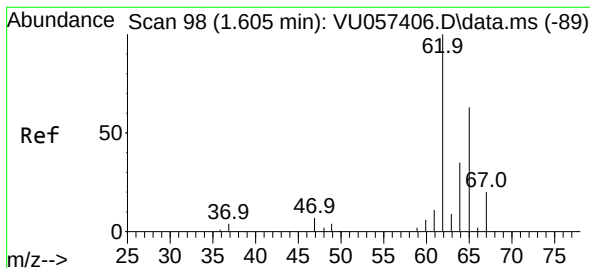
Instrument :
MSVOA_U
ClientSampleId :
YCHF5

Quant Time: Jan 09 07:37:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
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QLast Update : Tue Jan 09 06:09:25 2024
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#5

Vinyl chloride

Concen: 1.950 ug/L

RT: 1.605 min Scan# 98

Delta R.T. -0.000 min

Lab File: VU057421.D

Acq: 09 Jan 2024 07:10

Instrument :

MSVOA_U

ClientSampleId :

YCHF5

Tgt Ion: 62 Resp: 386

Ion Ratio Lower Upper

62 100

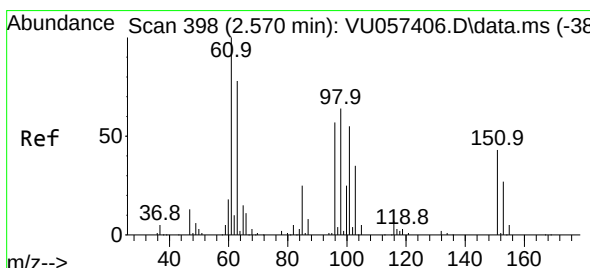
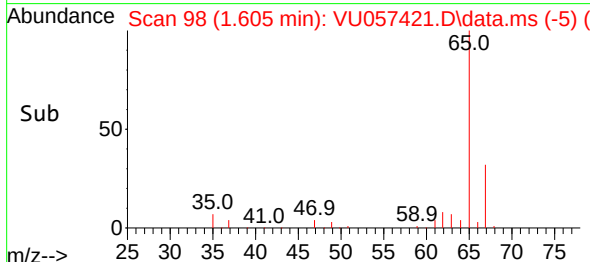
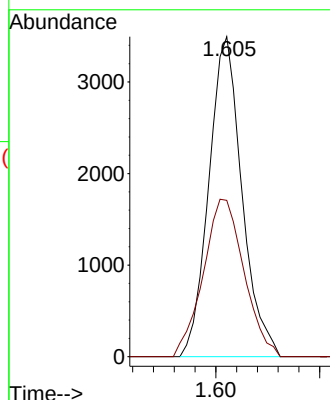
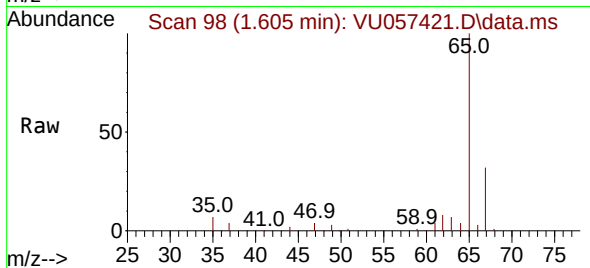
64 48.8 23.3 43.3

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 27.089 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.003 min

Lab File: VU057421.D

Acq: 09 Jan 2024 07:10

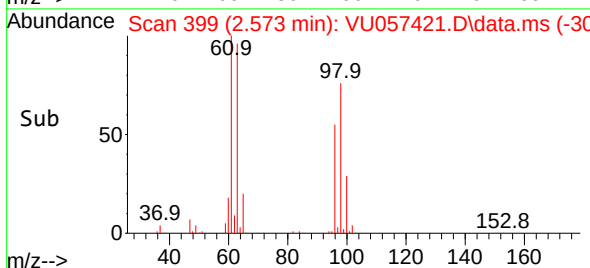
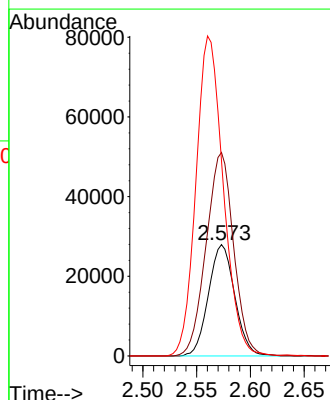
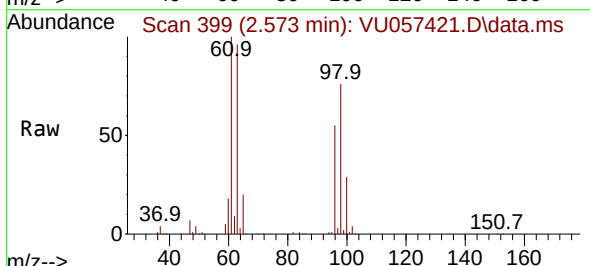
Tgt Ion: 96 Resp: 47496

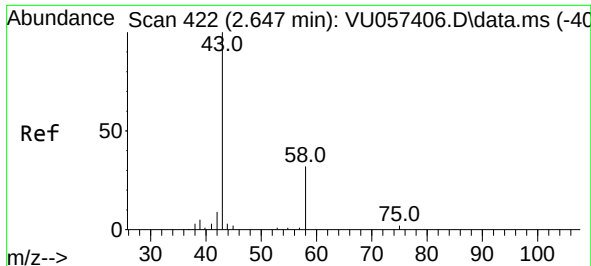
Ion Ratio Lower Upper

96 100

61 182.7 128.3 238.3

63 175.6 90.4 168.0





#13

Acetone

Concen: 28.268 ug/L

RT: 2.647 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU057421.D

Acq: 09 Jan 2024 07:10

Instrument :

MSVOA_U

ClientSampleId :

YCHF5

Tgt Ion: 43 Resp: 2970

Ion Ratio Lower Upper

43 100

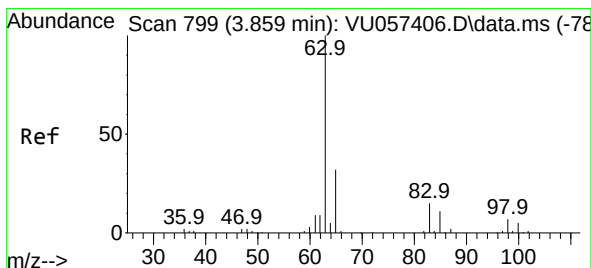
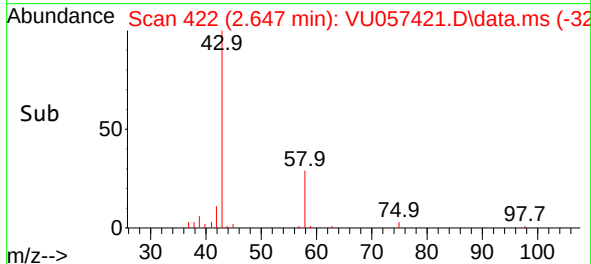
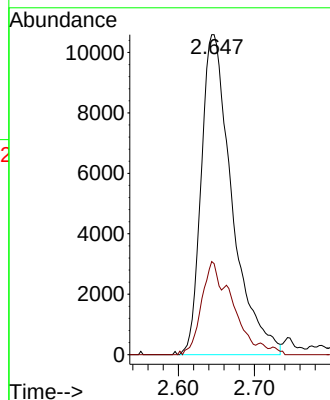
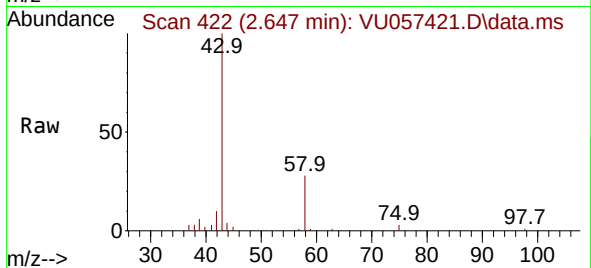
58 17.2 0.0 65.2

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#19

1,1-Dichloroethane

Concen: 3.121 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.006 min

Lab File: VU057421.D

Acq: 09 Jan 2024 07:10

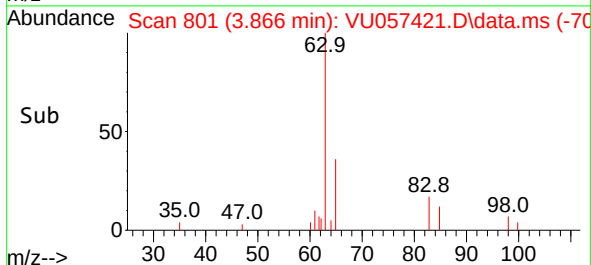
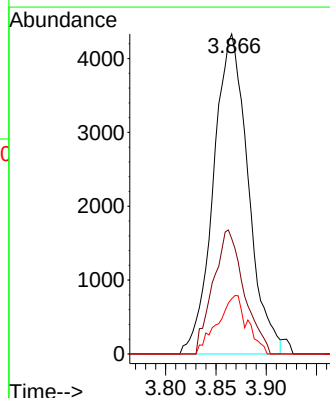
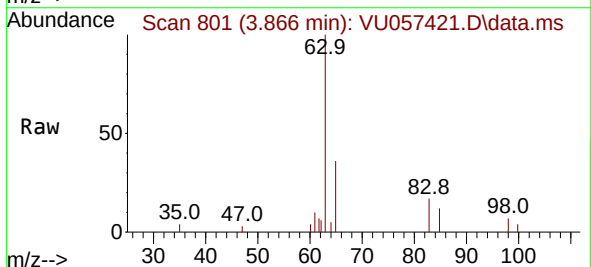
Tgt Ion: 63 Resp: 10364

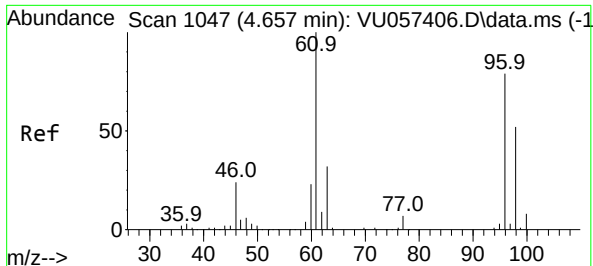
Ion Ratio Lower Upper

63 100

65 36.0 22.4 41.6

83 17.2 11.3 21.1





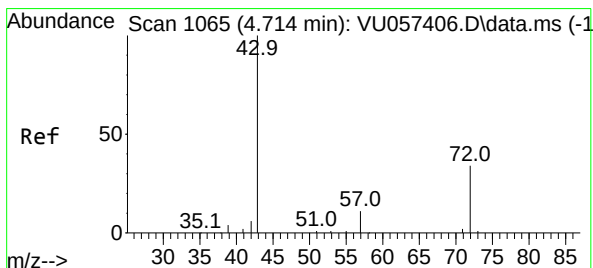
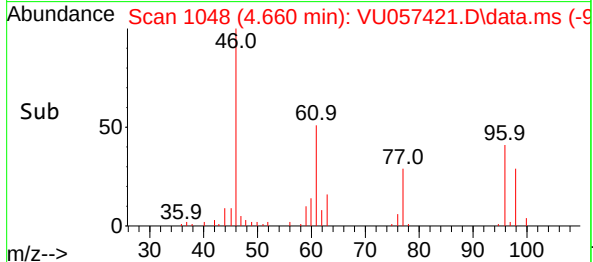
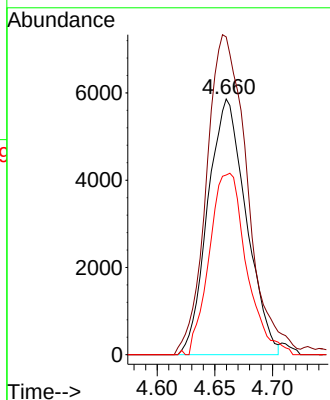
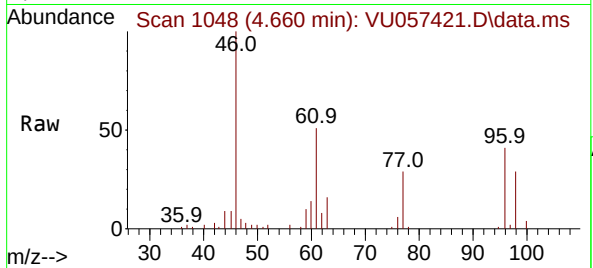
#20
cis-1,2-Dichloroethene
Concen: 7.052 ug/L
RT: 4.660 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU057421.D
Acq: 09 Jan 2024 07:10

Instrument :
MSVOA_U
ClientSampleId :
YCHF5

Tgt Ion: 96 Resp: 1353
Ion Ratio Lower Upper
96 100
61 124.3 88.0 163.4
98 70.3 43.4 80.6

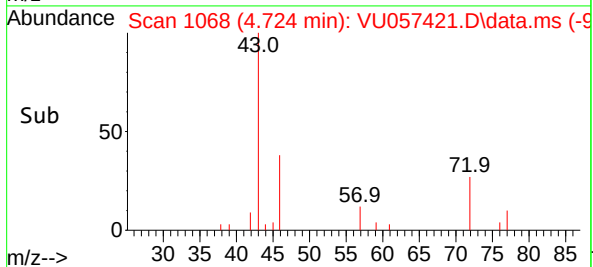
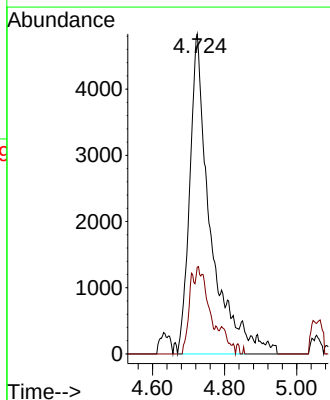
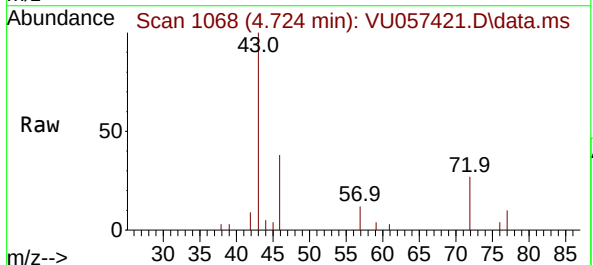
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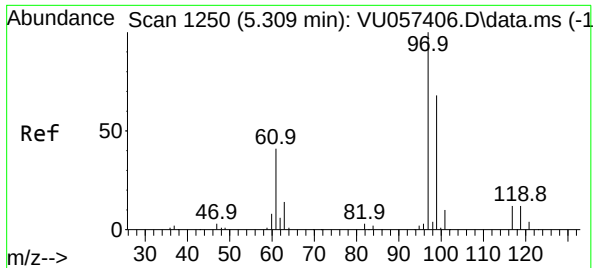
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#22
2-Butanone
Concen: 18.662 ug/L m
RT: 4.724 min Scan# 1068
Delta R.T. 0.010 min
Lab File: VU057421.D
Acq: 09 Jan 2024 07:10

Tgt Ion: 43 Resp: 19324
Ion Ratio Lower Upper
43 100
72 0.3 15.2 45.6#





#30
1,1,1-Trichloroethane
Concen: 3.112 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU057421.D
Acq: 09 Jan 2024 07:10

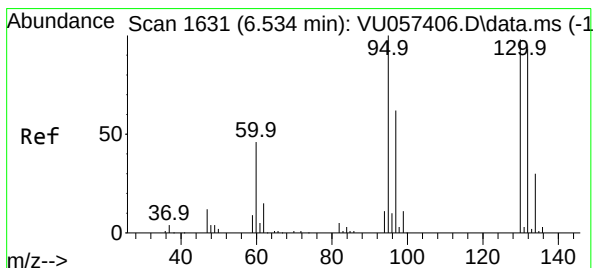
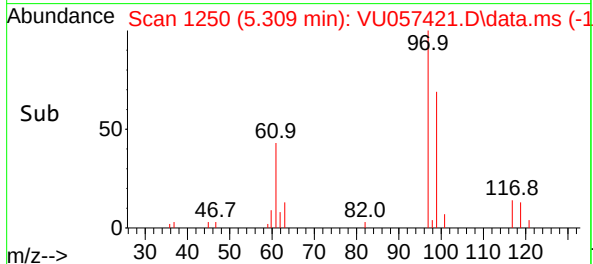
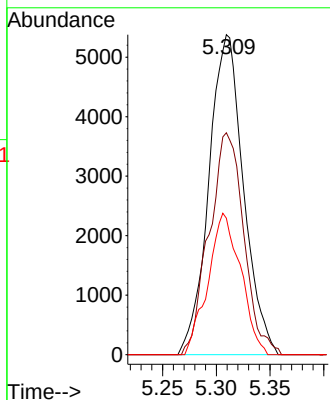
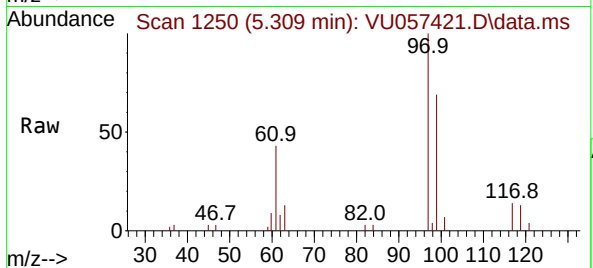
Instrument :
MSVOA_U
ClientSampleId :
YCHF5

Tgt Ion: 97 Resp: 1204

Ion	Ratio	Lower	Upper
97	100		
99	68.0	52.1	78.1
61	41.8	31.9	47.9

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#34
Trichloroethene
Concen: 8.496 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.003 min
Lab File: VU057421.D
Acq: 09 Jan 2024 07:10

Tgt Ion: 95 Resp: 17528

Ion	Ratio	Lower	Upper
95	100		
97	64.3	46.2	85.8
132	91.7	64.3	119.5
130	95.4	67.2	124.8

