

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
 Data File : VU057420.D
 Acq On : 09 Jan 2024 06:46
 Operator : MD/SY
 Sample : P1058-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YCHF4

Quant Time: Jan 09 07:36:43 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	266080	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	253298	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	101536	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	73482	40.125	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.240%		
7) Chloroethane-d5	1.914	69	56829	40.099	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.200%		
11) 1,1-Dichloroethene-d2	2.560	63	145739	37.546	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.100%		
21) 2-Butanone-d5	4.634	46	86643	97.638	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.640%		
24) Chloroform-d	5.055	84	181127	41.824	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.640%		
26) 1,2-Dichloroethane-d4	5.695	65	125333	43.809	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.620%		
32) Benzene-d6	5.721	84	311794	45.856	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.720%		
36) 1,2-Dichloropropane-d6	6.682	67	90540	47.179	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.360%		
41) Toluene-d8	7.891	98	277518	43.555	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.100%		
43) trans-1,3-Dichloroprop...	8.177	79	50346	43.953	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.900%		
47) 2-Hexanone-d5	8.643	63	60382	96.249	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.250%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	128728	44.887	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.780%		
66) 1,2-Dichlorobenzene-d4	12.187	152	96100	48.391	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.780%		
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.573	96	51836	28.751	ug/L	86
13) Acetone	2.647	43	28105m	26.008	ug/L	
19) 1,1-Dichloroethane	3.869	63	9303	2.724	ug/L	96
20) cis-1,2-Dichloroethene	4.660	96	14984	7.594	ug/L	91
22) 2-Butanone	4.721	43	24326m	22.846	ug/L	
30) 1,1,1-Trichloroethane	5.306	97	15474	3.971	ug/L	98
34) Trichloroethene	6.537	95	26167	12.591	ug/L	95

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

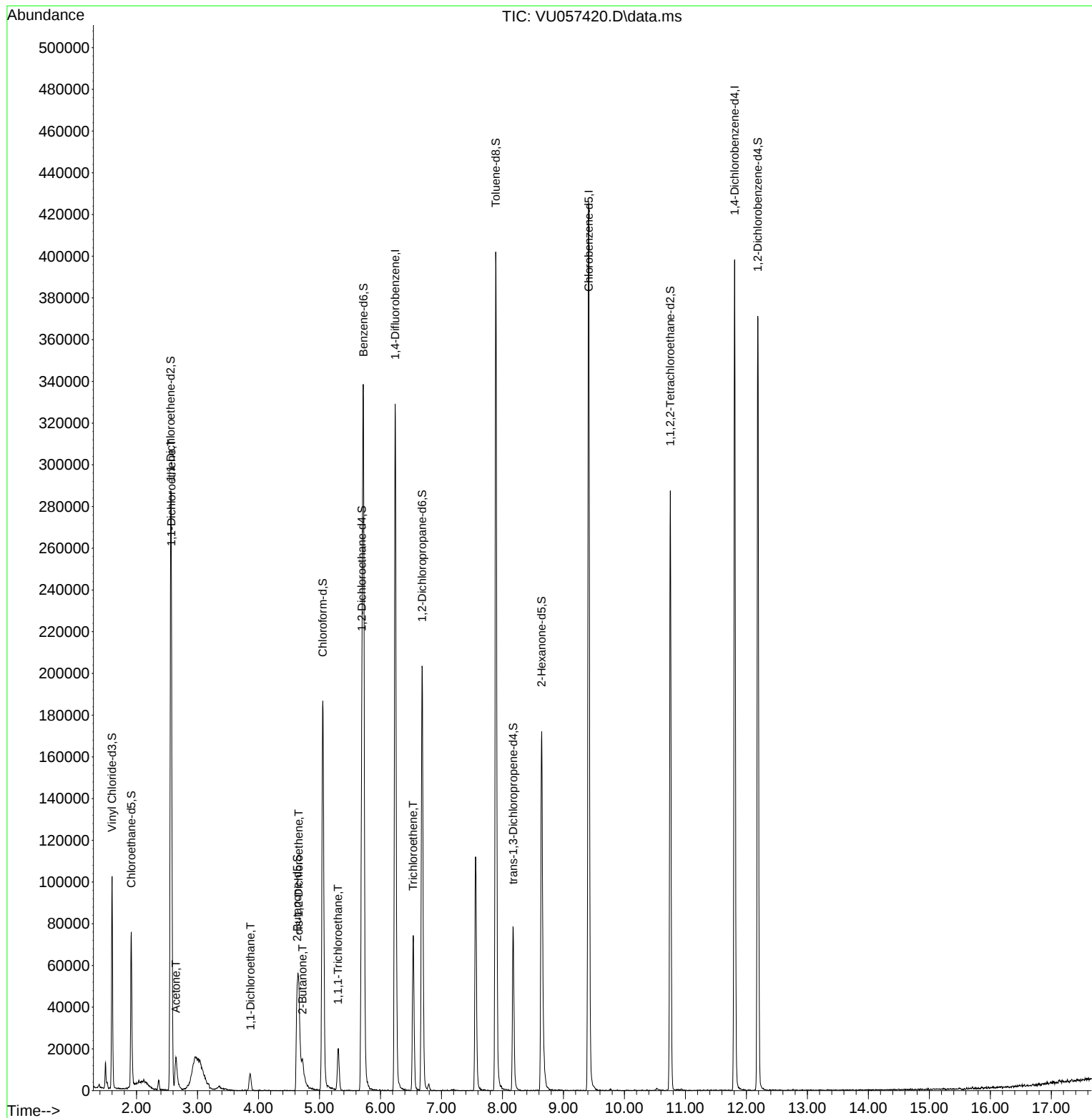
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
Data File : VU057420.D
Acq On : 09 Jan 2024 06:46
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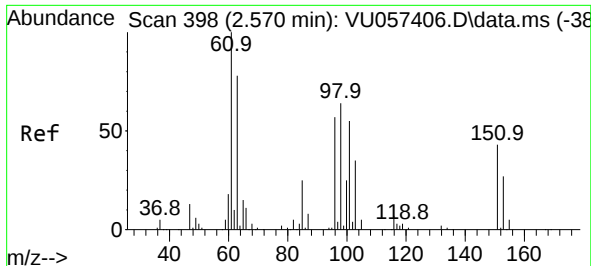
Instrument :
MSVOA_U
ClientSampleId :
YCHF4

Quant Time: Jan 09 07:36:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 09 06:09:25 2024
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#12

1,1-Dichloroethene

Concen: 28.751 ug/L

RT: 2.573 min Scan# 398

Delta R.T. 0.003 min

Lab File: VU057420.D

Acq: 09 Jan 2024 06:46

Instrument :

MSVOA_U

ClientSampleId :

YCHF4

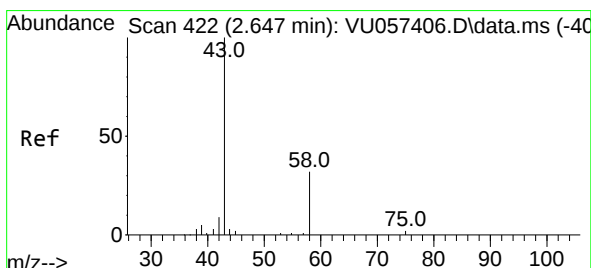
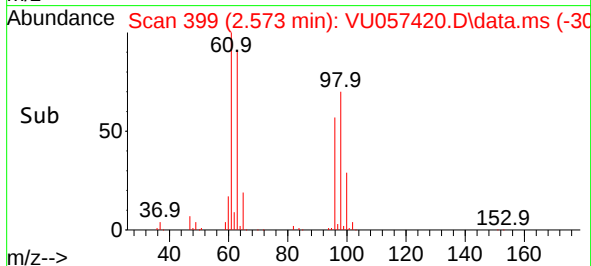
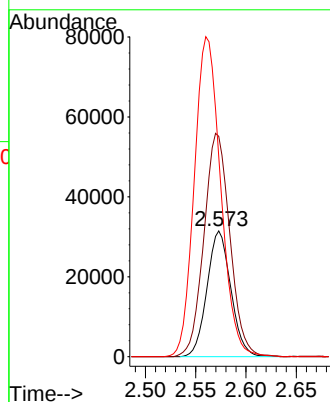
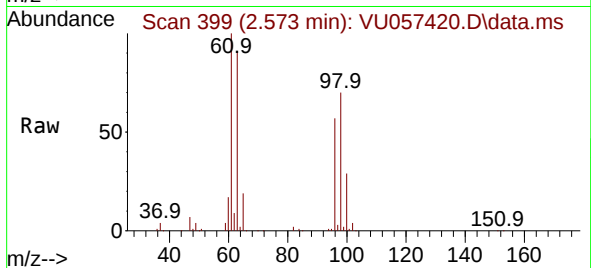
Tgt Ion:	96	Resp:	51830
Ion	Ratio	Lower	Upper
96	100		
61	175.2	128.3	238.3
63	159.0	90.4	168.0

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#13

Acetone

Concen: 26.008 ug/L m

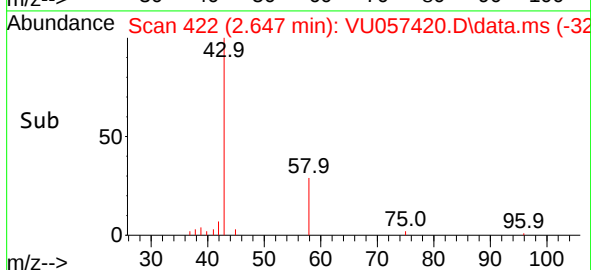
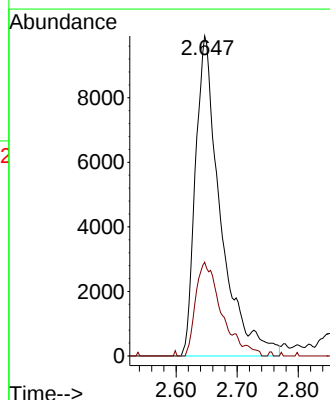
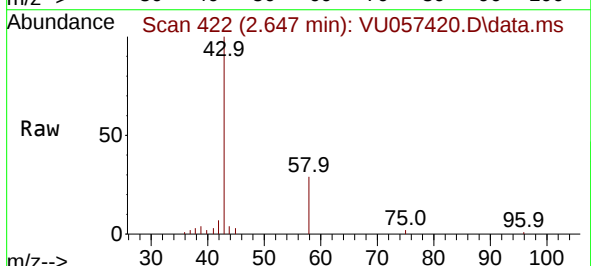
RT: 2.647 min Scan# 422

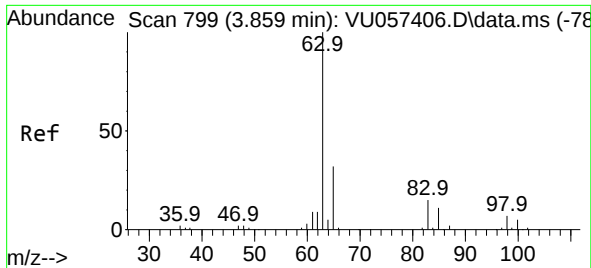
Delta R.T. -0.000 min

Lab File: VU057420.D

Acq: 09 Jan 2024 06:46

Tgt Ion:	43	Resp:	28105
Ion	Ratio	Lower	Upper
43	100		
58	27.4	0.0	65.2





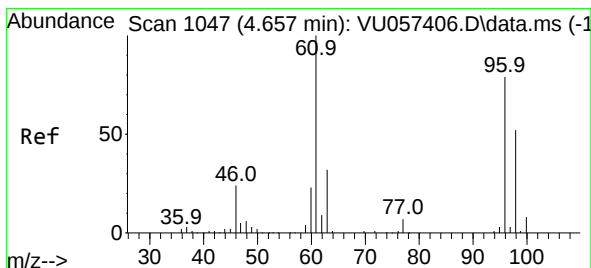
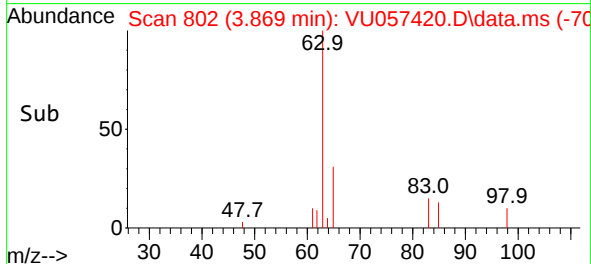
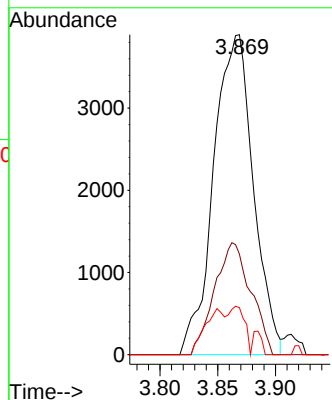
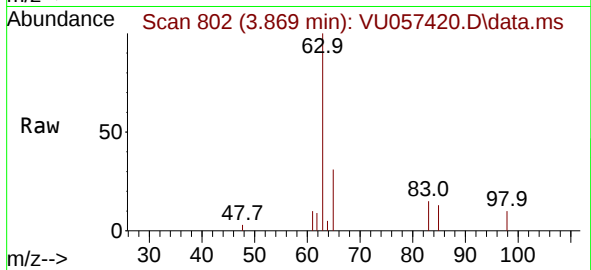
#19
1,1-Dichloroethane
Concen: 2.724 ug/L
RT: 3.869 min Scan# 802
Delta R.T. 0.009 min
Lab File: VU057420.D
Acq: 09 Jan 2024 06:46

Instrument :
MSVOA_U
Client SampleId :
YCHF4

Tgt Ion: 63 Resp: 930
Ion Ratio Lower Upper
63 100
65 30.0 22.4 41.6
83 14.0 11.3 21.1

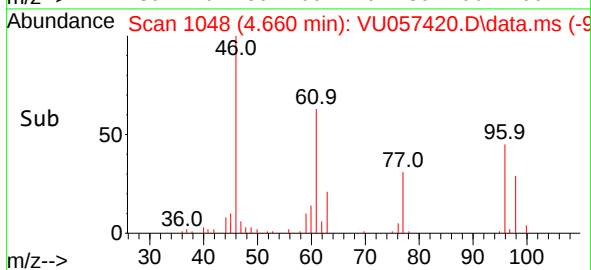
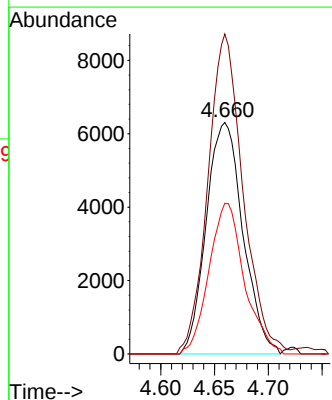
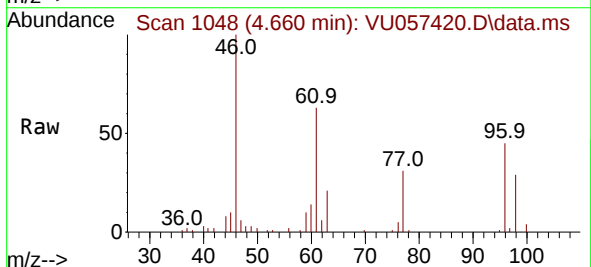
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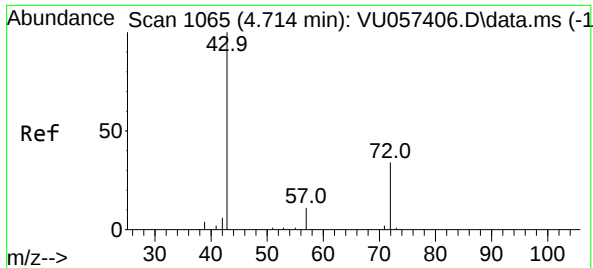
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#20
cis-1,2-Dichloroethene
Concen: 7.594 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU057420.D
Acq: 09 Jan 2024 06:46

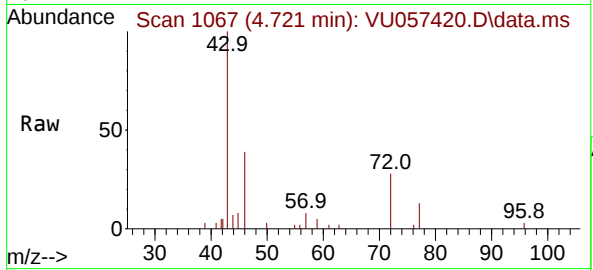
Tgt Ion: 96 Resp: 14984
Ion Ratio Lower Upper
96 100
61 138.2 88.0 163.4
98 65.1 43.4 80.6





#22
2-Butanone
Concen: 22.846 ug/L m
RT: 4.721 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VU057420.D
Acq: 09 Jan 2024 06:46

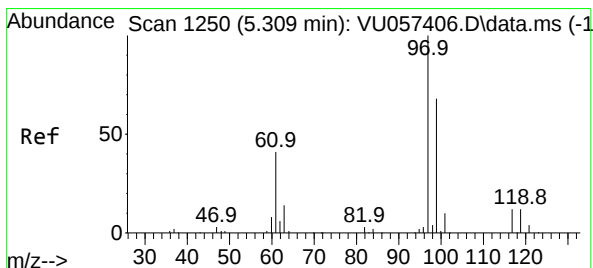
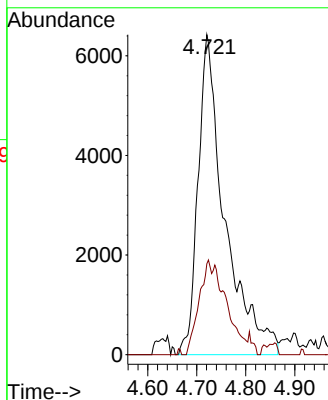
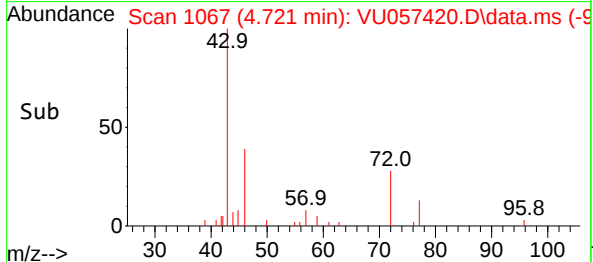
Instrument :
MSVOA_U
ClientSampleId :
YCHF4



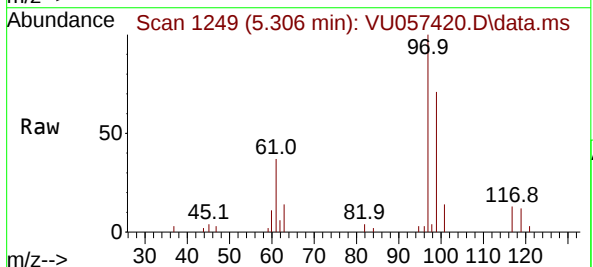
Tgt Ion: 43 Resp: 24320
Ion Ratio Lower Upper
43 100
72 13.8 15.2 45.6

Manual Integrations
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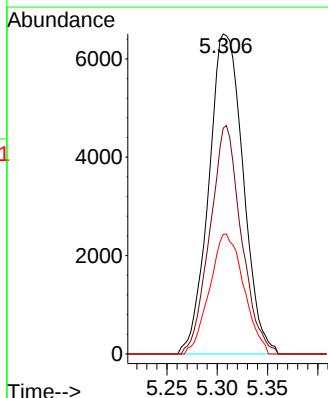
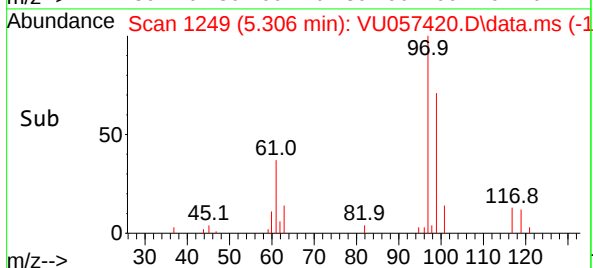
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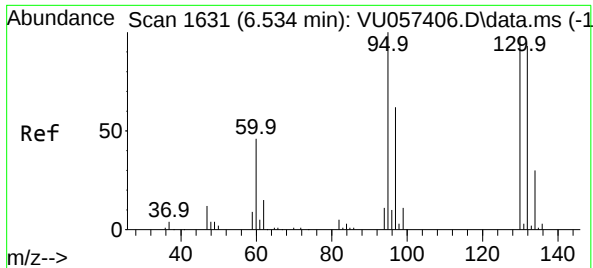


#30
1,1,1-Trichloroethane
Concen: 3.971 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU057420.D
Acq: 09 Jan 2024 06:46



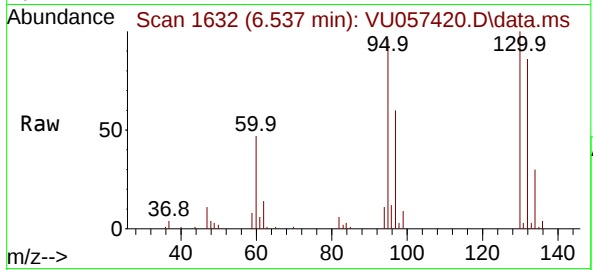
Tgt Ion: 97 Resp: 15474
Ion Ratio Lower Upper
97 100
99 65.3 52.1 78.1
61 37.2 31.9 47.9





#34
 Trichloroethene
 Concen: 12.591 ug/L
 RT: 6.537 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: VU057420.D
 Acq: 09 Jan 2024 06:46

Instrument :
 MSVOA_U
 ClientSampleId :
 YCHF4



Tgt Ion: 95 Resp: 2616

Ion	Ratio	Lower	Upper
95	100		
97	62.6	46.2	85.8
132	90.0	64.3	119.5
130	104.1	67.2	124.8

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