

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
 Data File : VU057410.D
 Acq On : 09 Jan 2024 02:45
 Operator : MD/SY
 Sample : P1058-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YCHA3

Quant Time: Jan 09 06:28:24 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	260566	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	252492	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	106112	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	76335	42.565	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.120%		
7) Chloroethane-d5	1.911	69	60065	43.280	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.560%		
11) 1,1-Dichloroethene-d2	2.557	63	136026	35.785	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.560%		
21) 2-Butanone-d5	4.634	46	86709	99.780	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.780%		
24) Chloroform-d	5.052	84	182418	43.014	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.020%		
26) 1,2-Dichloroethane-d4	5.692	65	130613	46.620	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.240%		
32) Benzene-d6	5.718	84	325066	47.961	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.920%		
36) 1,2-Dichloropropane-d6	6.682	67	93603	48.931	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.860%		
41) Toluene-d8	7.891	98	294095	46.304	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.600%		
43) trans-1,3-Dichloroprop...	8.174	79	53564	46.912	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.820%		
47) 2-Hexanone-d5	8.647	63	66164	105.802	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.800%		
56) 1,1,2,2-Tetrachloroeth...	10.756	84	132985	46.519	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.040%		
66) 1,2-Dichlorobenzene-d4	12.190	152	103165	49.708	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.420%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.570	96	24700	13.990	ug/L #	34
13) Acetone	2.644	43	21568m	20.381	ug/L	
19) 1,1-Dichloroethane	3.859	63	12858	3.845	ug/L	99
20) cis-1,2-Dichloroethene	4.660	96	5983	3.097	ug/L	92
22) 2-Butanone	4.740	43	14182m	13.601	ug/L	
30) 1,1,1-Trichloroethane	5.306	97	5174	1.332	ug/L #	65

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

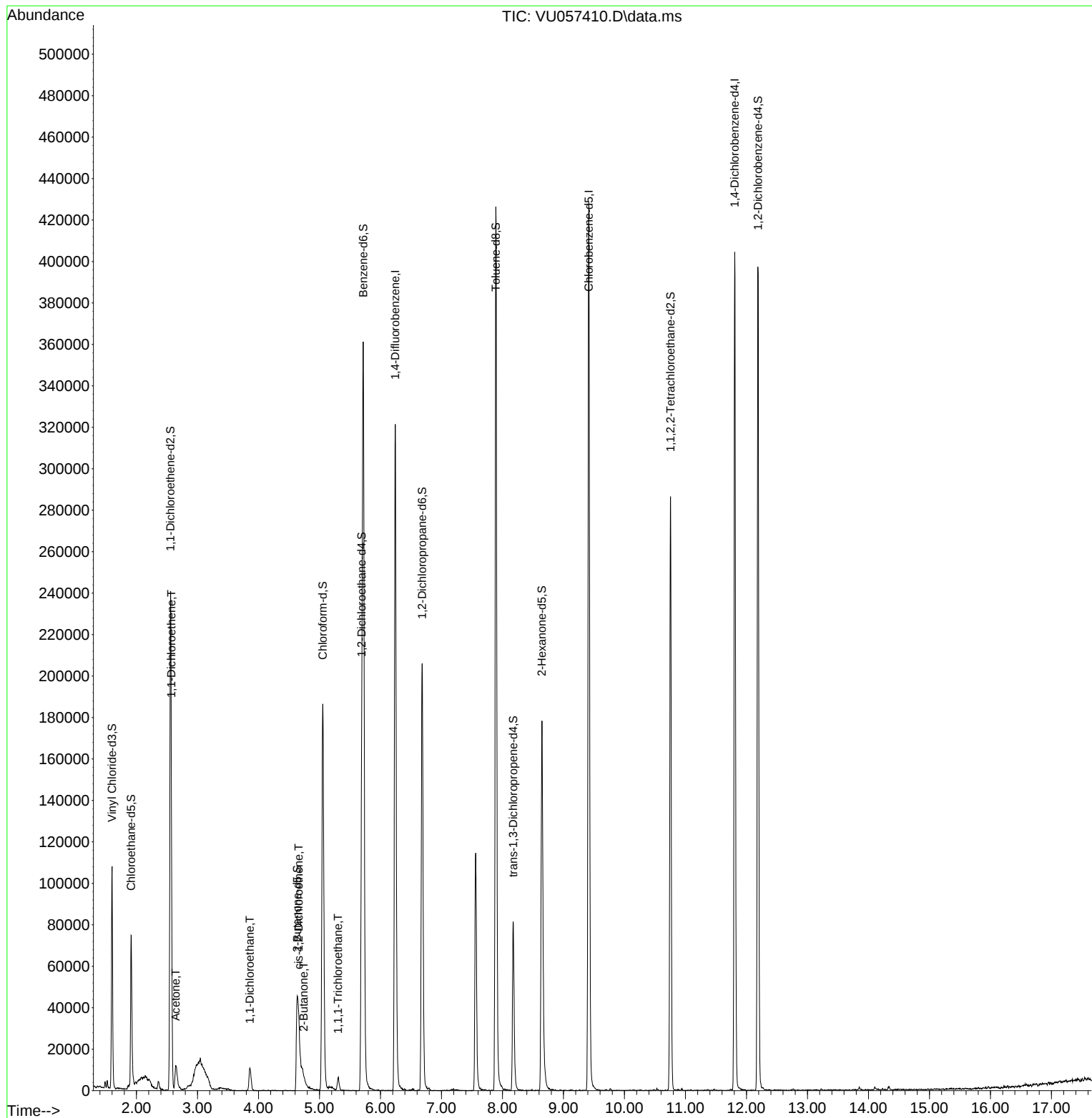
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
Data File : VU057410.D
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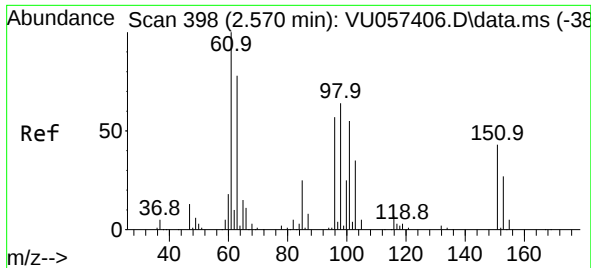
Instrument :
MSVOA_U
ClientSampleId :
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Quant Time: Jan 09 06:28:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 09 06:09:25 2024
Response via : Initial Calibration

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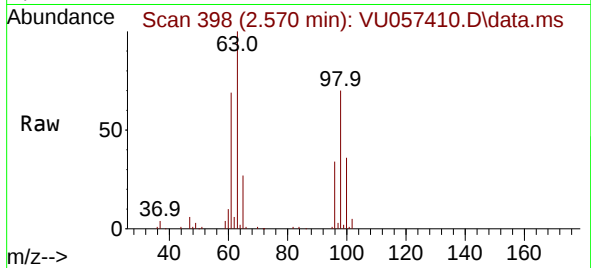
Reviewed By : John Carlone 01/09/2024
Supervised By : Mahesh Dadoda 01/09/2024





#12
1,1-Dichloroethene
Concen: 13.990 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU057410.D
Acq: 09 Jan 2024 02:45

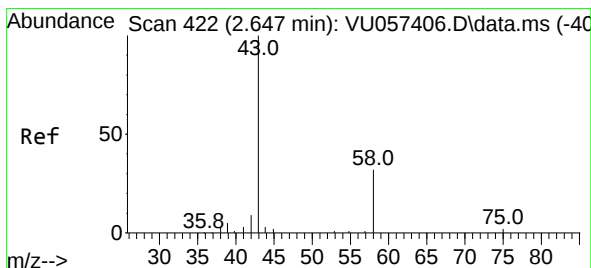
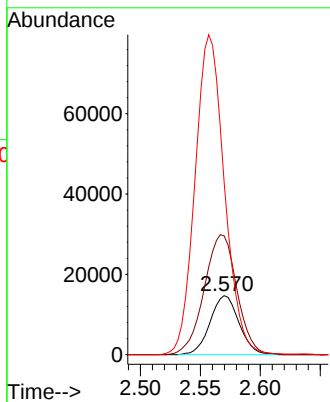
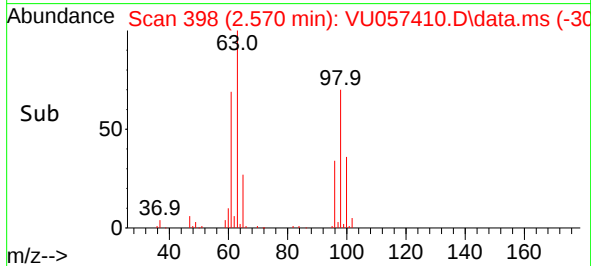
Instrument :
MSVOA_U
ClientSampleId :
YCHA3



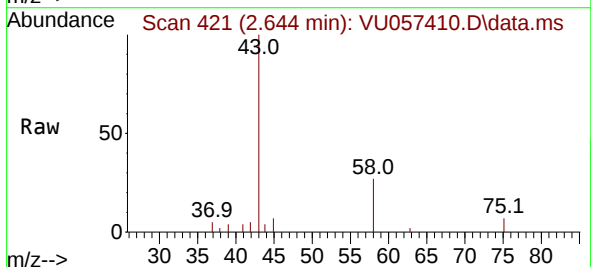
Tgt Ion: 96 Resp: 24700
Ion Ratio Lower Upper
96 100
61 201.5 128.3 238.3
63 292.6 90.4 168.0

Manual Integrations
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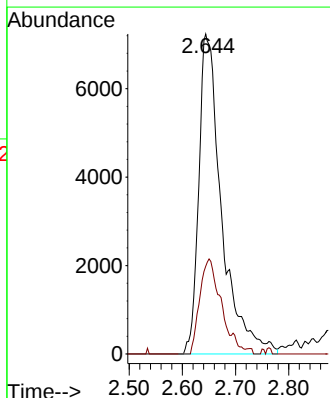
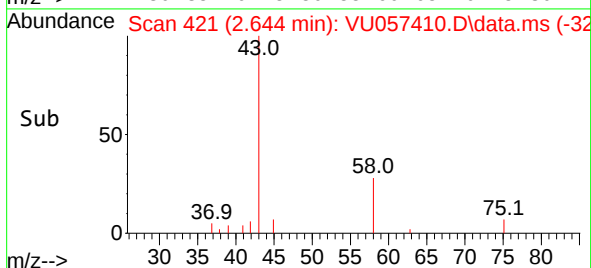
Reviewed By :John Carlone 01/09/2024
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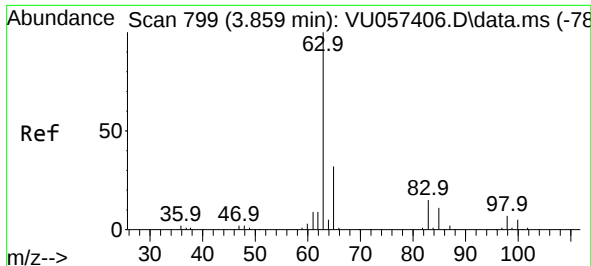


#13
Acetone
Concen: 20.381 ug/L m
RT: 2.644 min Scan# 421
Delta R.T. -0.003 min
Lab File: VU057410.D
Acq: 09 Jan 2024 02:45



Tgt Ion: 43 Resp: 21568
Ion Ratio Lower Upper
43 100
58 25.8 0.0 65.2





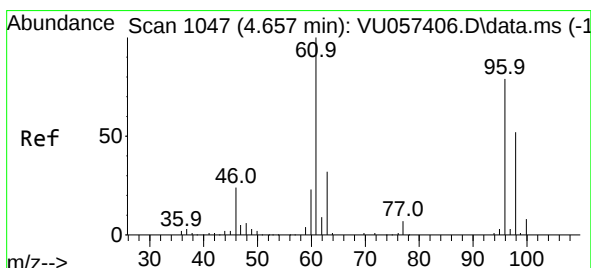
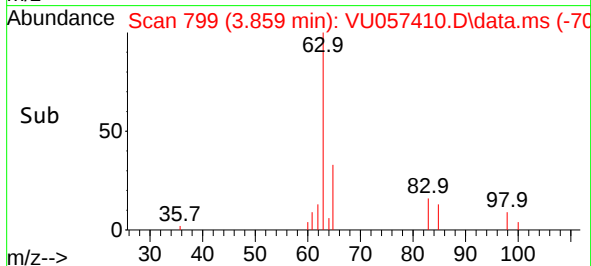
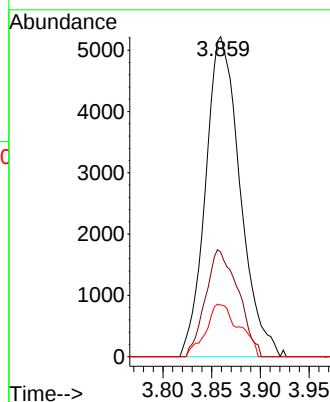
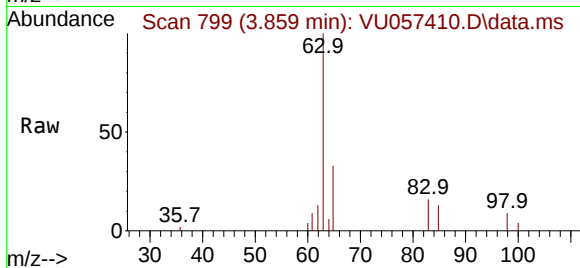
#19
1,1-Dichloroethane
Concen: 3.845 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU057410.D
Acq: 09 Jan 2024 02:45

Instrument :
MSVOA_U
ClientSampleId :
YCHA3

Tgt Ion: 63 Resp: 1285
Ion Ratio Lower Upper
63 100
65 32.6 22.4 41.6
83 16.2 11.3 21.1

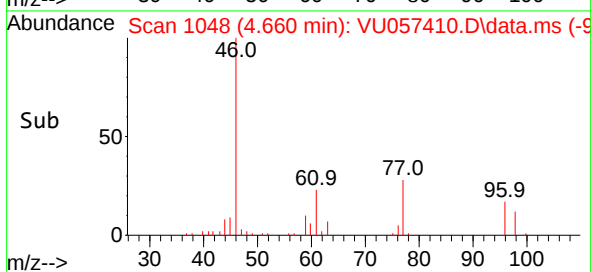
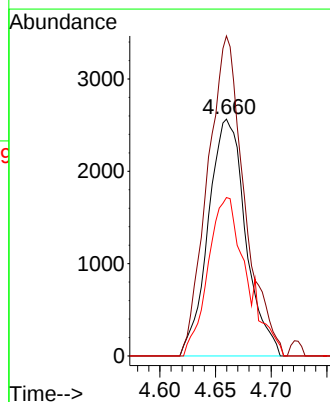
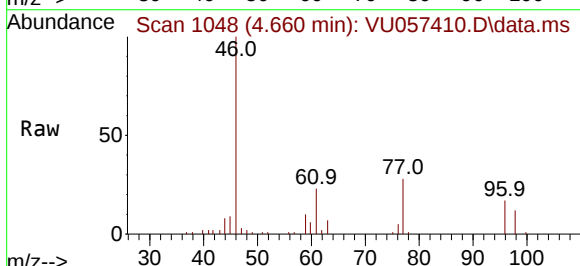
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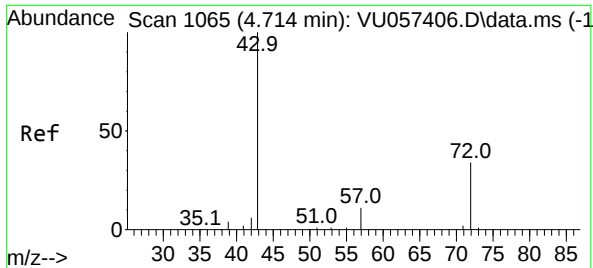
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#20
cis-1,2-Dichloroethene
Concen: 3.097 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU057410.D
Acq: 09 Jan 2024 02:45

Tgt Ion: 96 Resp: 5983
Ion Ratio Lower Upper
96 100
61 135.1 88.0 163.4
98 66.9 43.4 80.6





#22

2-Butanone

Concen: 13.601 ug/L m

RT: 4.740 min Scan# 1

Delta R.T. 0.026 min

Lab File: VU057410.D

Acq: 09 Jan 2024 02:45

Instrument :

MSVOA_U

ClientSampleId :

YCHA3

Tgt Ion: 43 Resp: 1418

Ion Ratio Lower Upper

43 100

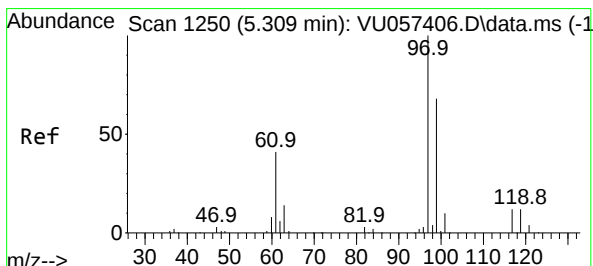
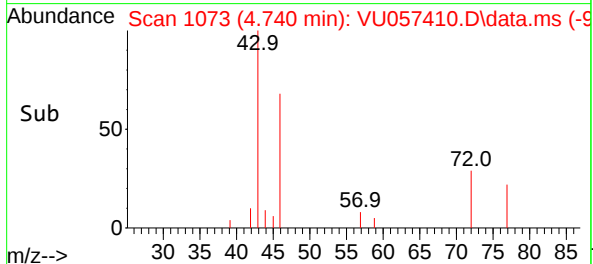
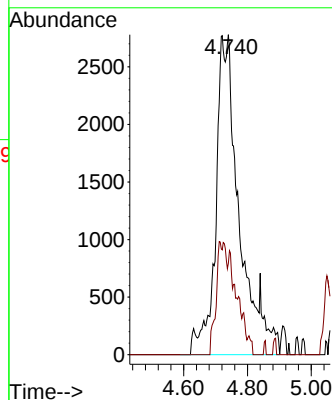
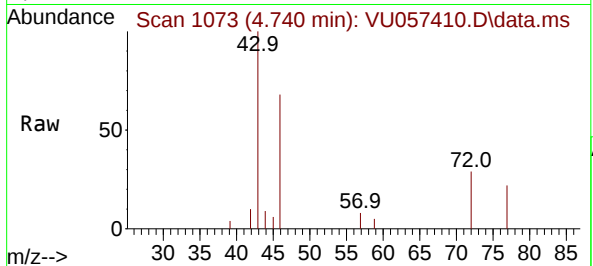
72 9.6 15.2 45.6

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#30

1,1,1-Trichloroethane

Concen: 1.332 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. -0.003 min

Lab File: VU057410.D

Acq: 09 Jan 2024 02:45

Tgt Ion: 97 Resp: 5174

Ion Ratio Lower Upper

97 100

99 28.6 52.1 78.1#

61 29.9 31.9 47.9#

