

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122021\
 Data File : VU046509.D
 Acq On : 20 Dec 2021 14:56
 Operator : SY/MD
 Sample : M5150-21
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBBX9

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/24/2021
 Supervised By :Mahesh Dadoda 12/27/2021

Quant Time: Dec 21 00:15:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 20 00:25:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	169581	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	169507	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	85708	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	62374	44.651	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.300%		
7) Chloroethane-d5	1.922	69	47695	44.469	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.940%		
11) 1,1-Dichloroethene-d2	2.575	63	91486	36.482	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.960%		
21) 2-Butanone-d5	4.652	46	93891	84.550	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.550%		
24) Chloroform-d	5.070	84	106083	45.475	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.940%		
26) 1,2-Dichloroethane-d4	5.707	65	71432	45.627	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.260%		
32) Benzene-d6	5.732	84	211537	43.541	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.080%		
36) 1,2-Dichloropropane-d6	6.697	67	66246	43.997	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.000%		
41) Toluene-d8	7.903	98	184370	41.679	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.360%		
43) trans-1,3-Dichloroprop...	8.182	79	31774	43.715	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.420%		
47) 2-Hexanone-d5	8.639	63	64707	90.638	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.640%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	93893	41.119	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.240%		
66) 1,2-Dichlorobenzene-d4	12.195	152	70826	42.910	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.820%		
Target Compounds						
5) Vinyl chloride	1.610	62	136200	81.854	ug/L	100
12) 1,1-Dichloroethene	2.588	96	19016	16.218	ug/L #	45
13) Acetone	2.681	43	10983m	7.914	ug/L	
17) trans-1,2-Dichloroethene	3.363	96	28085	22.633	ug/L	99
20) cis-1,2-Dichloroethene	4.674	96	2153246	1599.237	ug/L	98
34) Trichloroethene	6.549	95	2167153	1603.462	ug/L	96
45) 1,1,2-Trichloroethane	8.407	97	709	0.526	ug/L	89
46) Tetrachloroethene	8.555	164	3656	3.681	ug/L	94

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

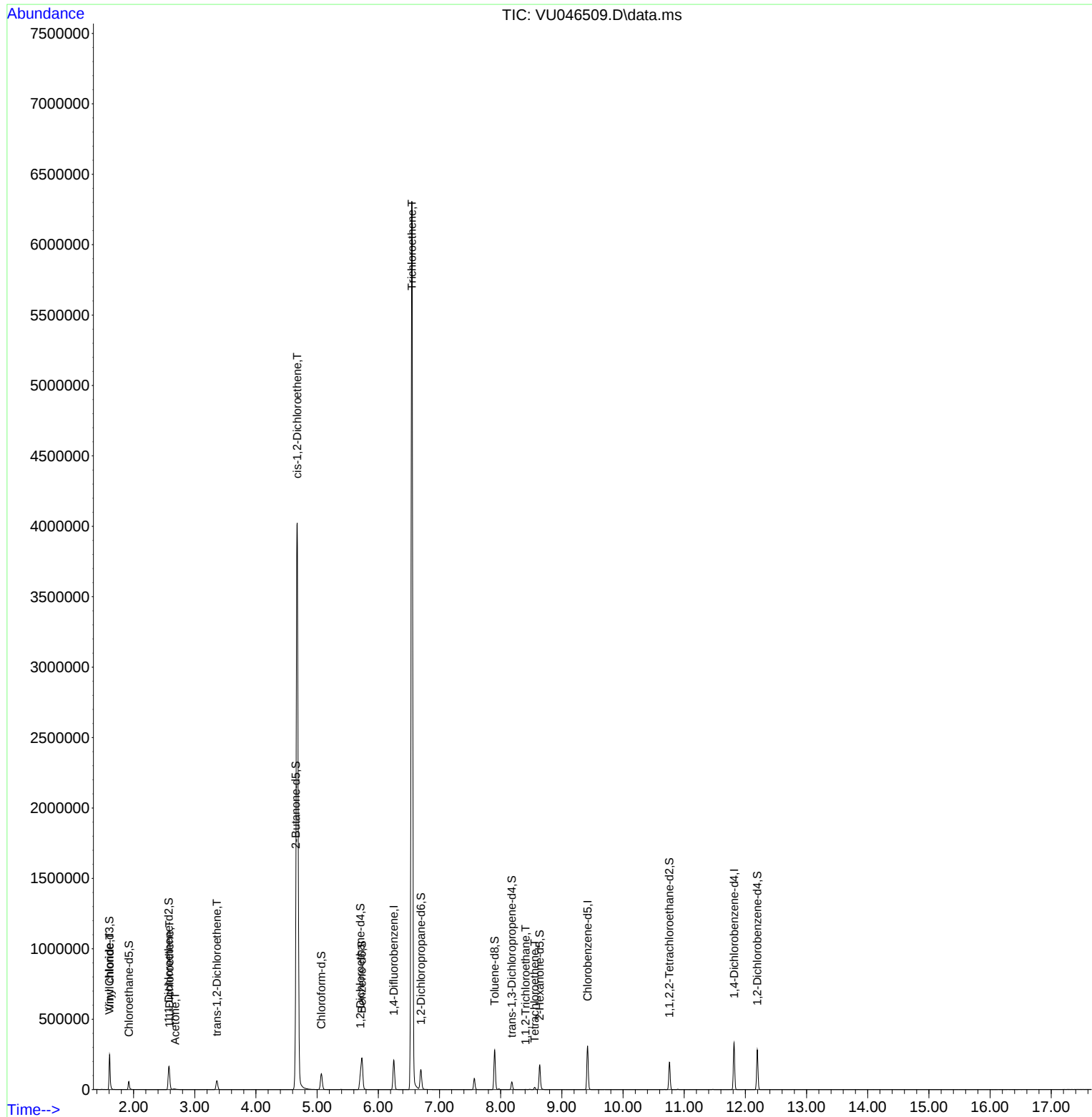
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122021\
Data File : VU046509.D
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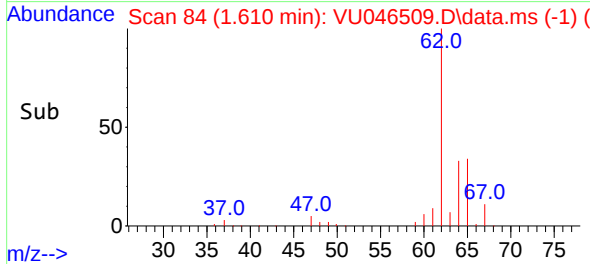
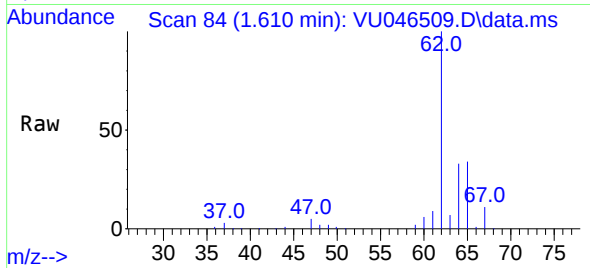
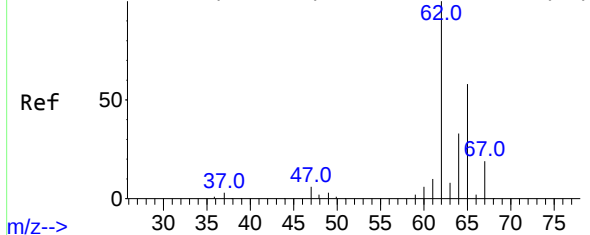
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
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Abundance Scan 84 (1.610 min): VU046504.D\data.ms (-76)



#5

Vinyl chloride

Concen: 81.854 ug/L

RT: 1.610 min Scan# 84

Delta R.T. 0.000 min

Lab File: VU046509.D

Acq: 20 Dec 2021 14:56

Instrument :

MSVOA_U

ClientSampleId :

GBBX9

Tgt Ion: 62 Resp: 136200

Ion Ratio Lower Upper

62 100

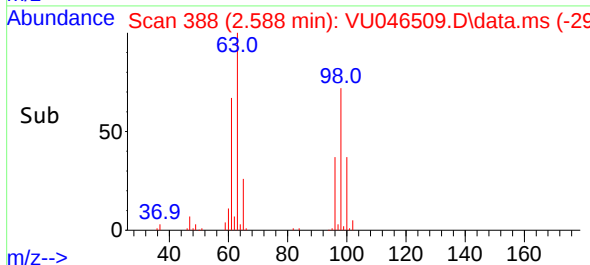
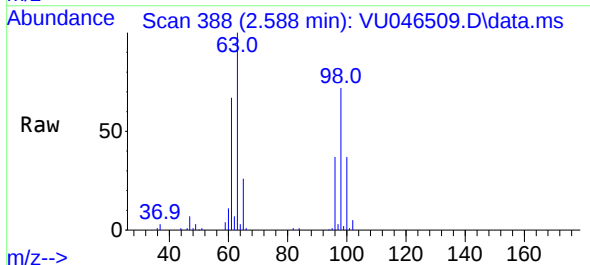
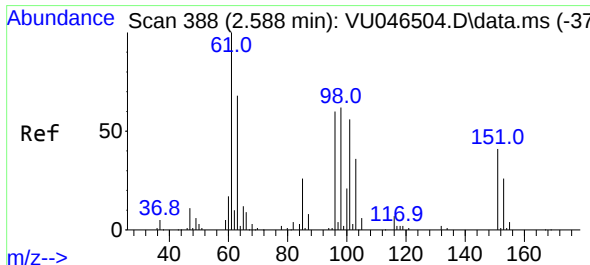
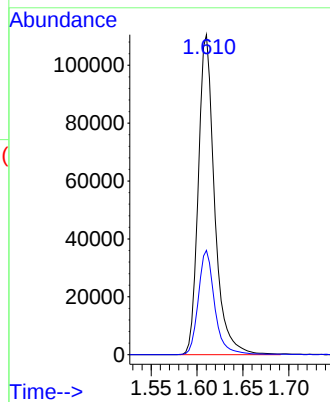
64 32.6 22.9 42.5

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#12

1,1-Dichloroethene

Concen: 16.218 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.000 min

Lab File: VU046509.D

Acq: 20 Dec 2021 14:56

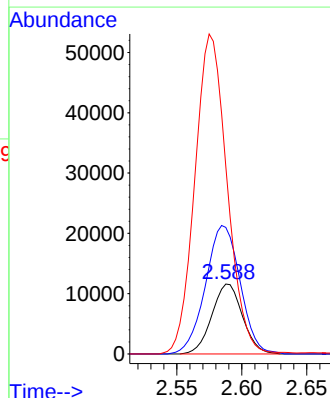
Tgt Ion: 96 Resp: 19016

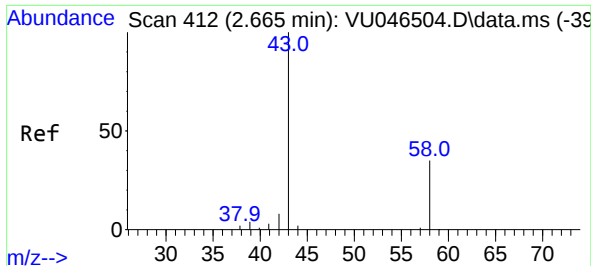
Ion Ratio Lower Upper

96 100

61 180.9 118.6 220.2

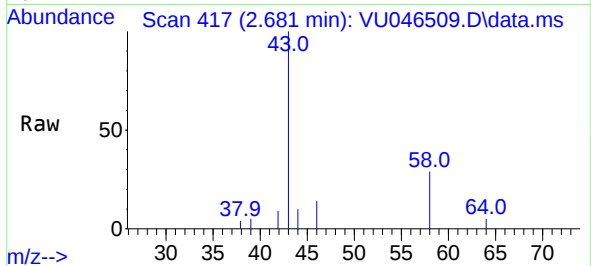
63 268.3 93.0 172.8#





#13
Acetone
Concen: 7.914 ug/L m
RT: 2.681 min Scan# 41
Delta R.T. 0.016 min
Lab File: VU046509.D
Acq: 20 Dec 2021 14:56

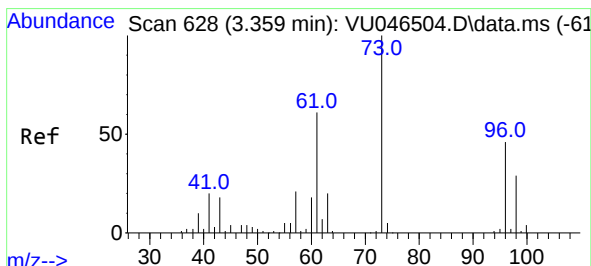
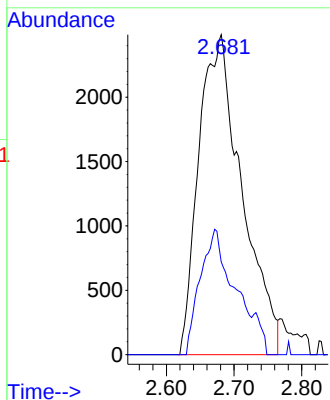
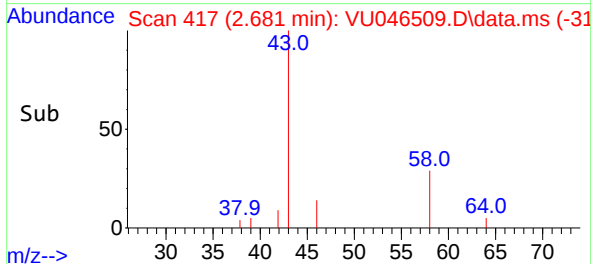
Instrument :
MSVOA_U
ClientSampleId :
GBBX9



Tgt Ion: 43 Resp: 1098
Ion Ratio Lower Upper
43 100
58 30.0 0.0 66.8

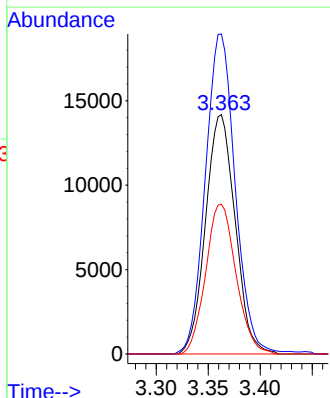
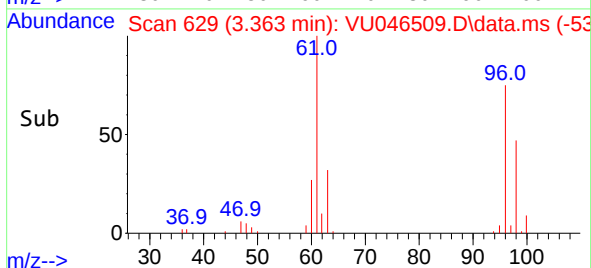
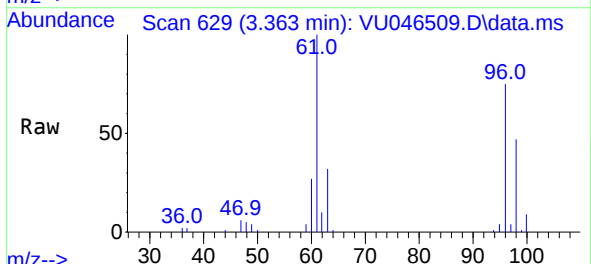
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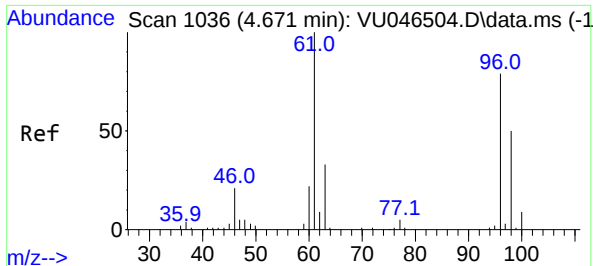
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#17
trans-1,2-Dichloroethene
Concen: 22.633 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU046509.D
Acq: 20 Dec 2021 14:56

Tgt Ion: 96 Resp: 28085
Ion Ratio Lower Upper
96 100
61 133.7 94.6 175.6
98 62.6 44.0 81.8





cis-1,2-Dichloroethene
 Concen: 1599.237 ug/L
 RT: 4.674 min Scan# 1036
 Delta R.T. 0.003 min
 Lab File: VU046509.D
 Acq: 20 Dec 2021 14:56

Instrument :

MSVOA_U

ClientSampleId :

GBBX9

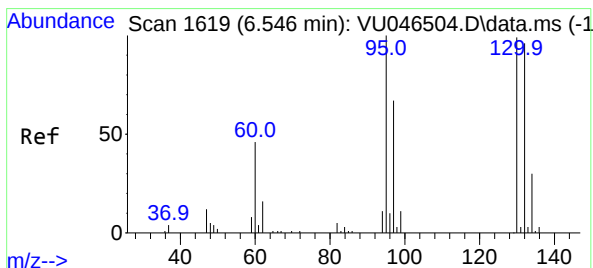
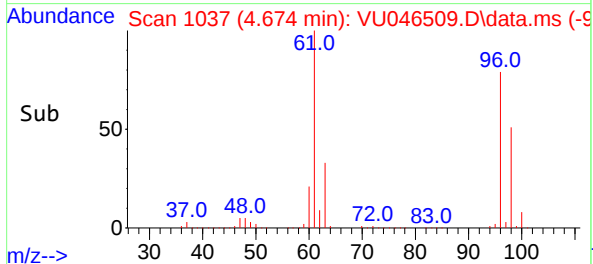
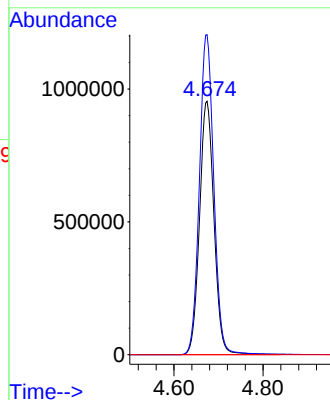
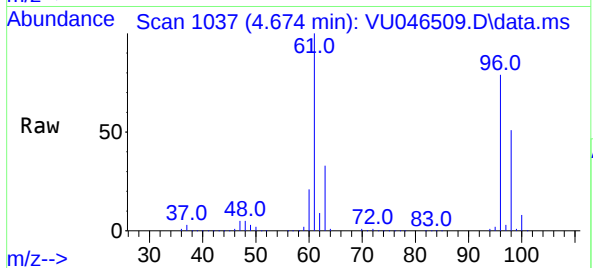
Tgt Ion: 96 Resp: 2153240
 Ion Ratio Lower Upper
 96 100
 61 126.2 86.8 161.2
 68 0.0 0.0 0.0

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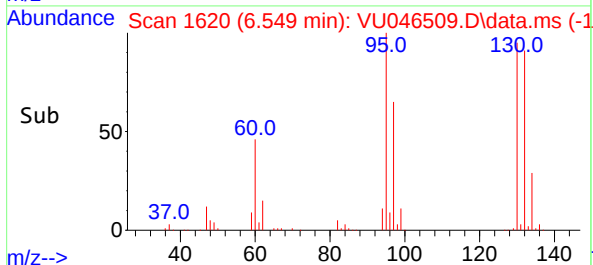
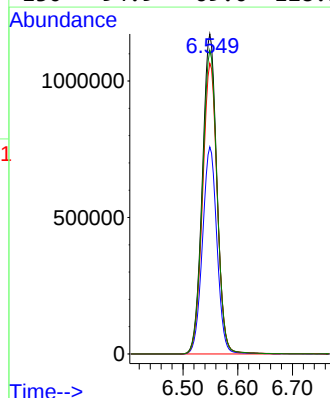
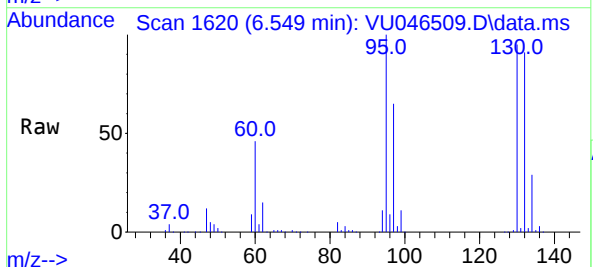
Reviewed By :Amit Patel 12/24/2021

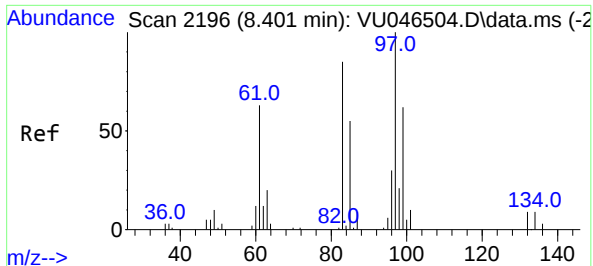
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Trichloroethene
 Concen: 1603.462 ug/L
 RT: 6.549 min Scan# 1620
 Delta R.T. 0.003 min
 Lab File: VU046509.D
 Acq: 20 Dec 2021 14:56

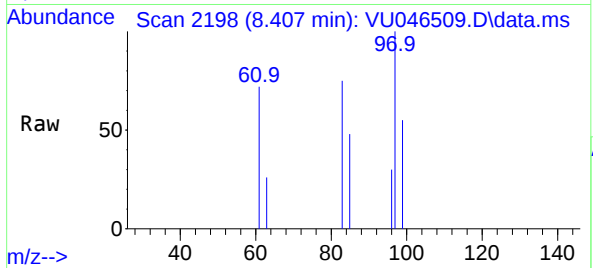
Tgt Ion: 95 Resp: 2167153
 Ion Ratio Lower Upper
 95 100
 97 64.7 44.1 81.9
 132 90.9 66.8 124.0
 130 94.9 69.0 128.1





#45
1,1,2-Trichloroethane
Concen: 0.526 ug/L
RT: 8.407 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU046509.D
Acq: 20 Dec 2021 14:56

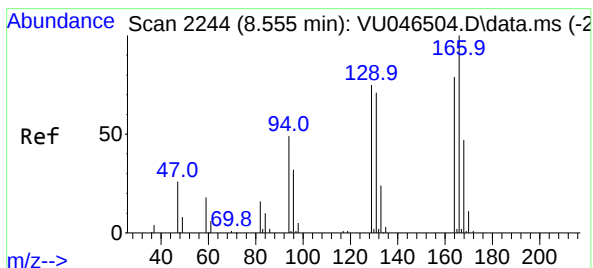
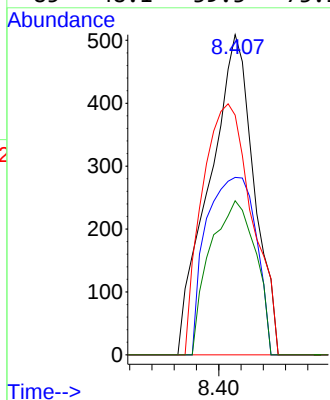
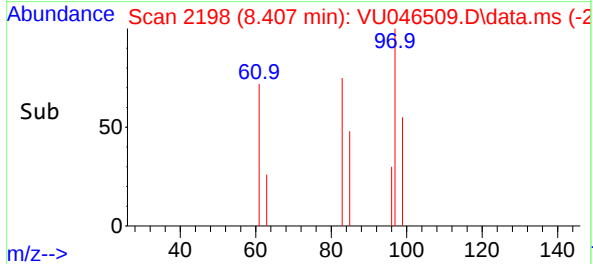
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ClientSampleId :
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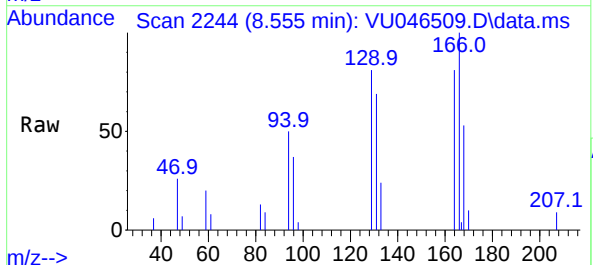
Tgt Ion: 97 Resp: 709
Ion Ratio Lower Upper
97 100
99 55.4 44.7 82.9
83 74.9 60.2 111.8
85 48.1 39.3 73.1

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#46
Tetrachloroethene
Concen: 3.681 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046509.D
Acq: 20 Dec 2021 14:56



Tgt Ion:164 Resp: 3656
Ion Ratio Lower Upper
164 100
129 100.6 71.1 132.1
131 85.3 67.8 126.0
166 123.6 90.6 168.2

