

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122021\
 Data File : VU046510.D
 Acq On : 20 Dec 2021 15:23
 Operator : SY/MD
 Sample : M5150-22
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBBY0

Manual Integrations
 APPROVED

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

Quant Time: Dec 21 00:15:42 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	115954	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	117420	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	57827	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	36208	37.907	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.820%		
7) Chloroethane-d5	1.922	69	27725	37.805	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.600%		
11) 1,1-Dichloroethene-d2	2.575	63	53096	30.965	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.940%		
21) 2-Butanone-d5	4.645	46	51050	67.232	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	67.230%		
24) Chloroform-d	5.070	84	61590	38.612	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.220%		
26) 1,2-Dichloroethane-d4	5.706	65	42053	39.284	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.560%		
32) Benzene-d6	5.732	84	121389	36.069	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	72.140%		
36) 1,2-Dichloropropane-d6	6.694	67	38131	36.558	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	73.120%		
41) Toluene-d8	7.902	98	103784	33.869	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	67.740%#		
43) trans-1,3-Dichloroprop...	8.182	79	18235	36.217	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.440%		
47) 2-Hexanone-d5	8.636	63	36119	73.037	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	73.040%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	53944	34.103	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	68.200%		
66) 1,2-Dichlorobenzene-d4	12.195	152	39924	35.850	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	71.700%#		
Target Compounds						Qvalue
5) Vinyl chloride	1.610	62	20648	18.148	ug/L	98
12) 1,1-Dichloroethene	2.588	96	12716	15.860	ug/L #	54
13) Acetone	2.665	43	6428m	6.774	ug/L	
17) trans-1,2-Dichloroethene	3.366	96	4373	5.154	ug/L	96
20) cis-1,2-Dichloroethene	4.671	96	375145	407.483	ug/L	100
34) Trichloroethene	6.549	95	3242121	3462.931	ug/L	96
45) 1,1,2-Trichloroethane	8.411	97	738m	0.790	ug/L	
46) Tetrachloroethene	8.558	164	1690	2.456	ug/L	97

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

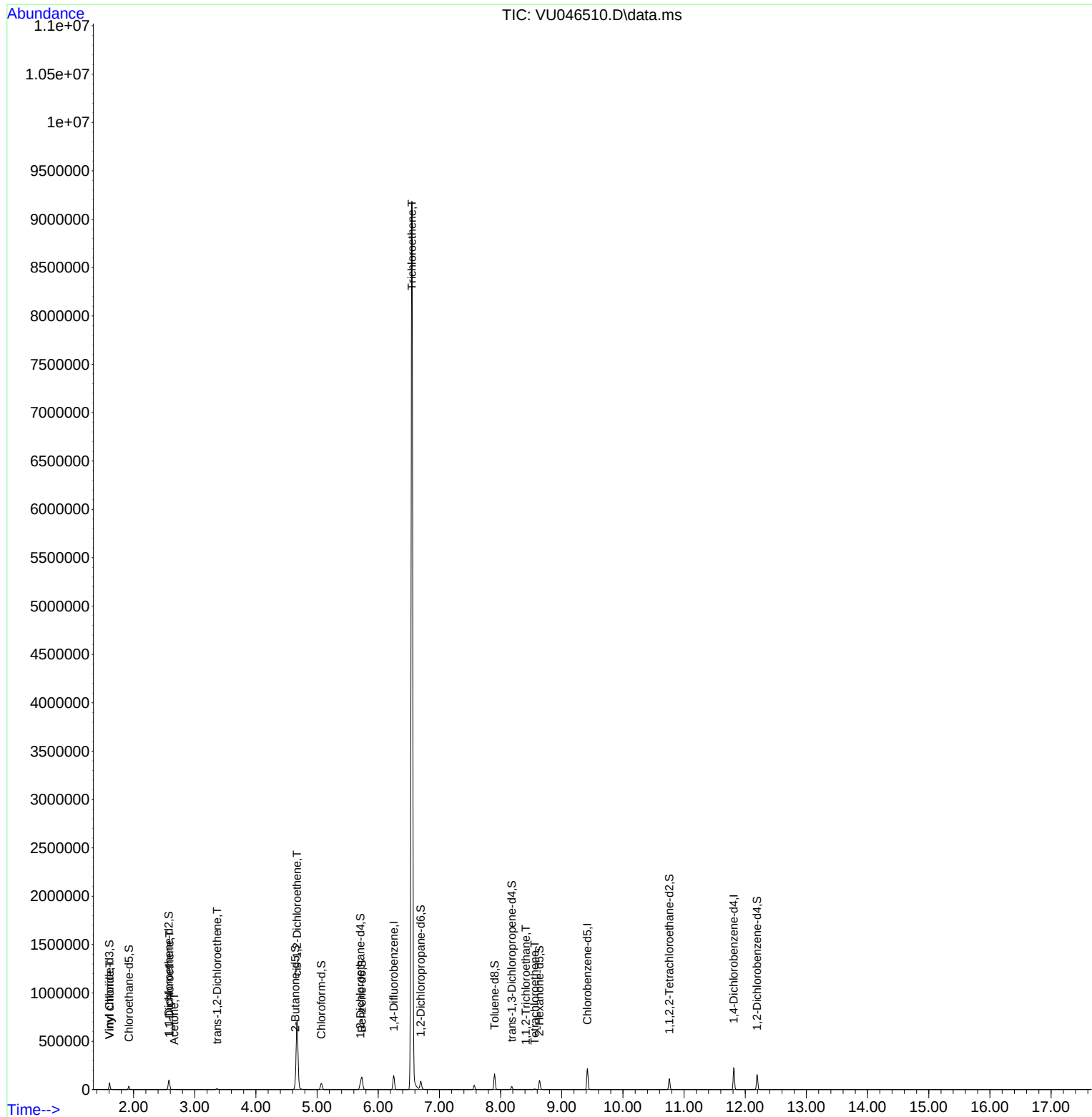
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122021\
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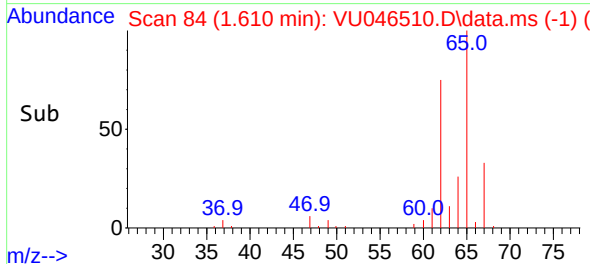
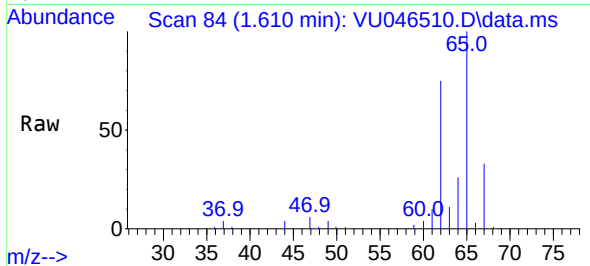
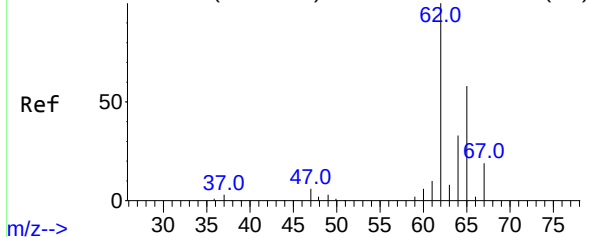
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Abundance Scan 84 (1.610 min): VU046504.D\data.ms (-76)



#5

Vinyl chloride

Concen: 18.148 ug/L

RT: 1.610 min Scan# 84

Delta R.T. 0.000 min

Lab File: VU046510.D

Acq: 20 Dec 2021 15:23

Tgt Ion: 62 Resp: 2064

Ion Ratio Lower Upper

62 100

64 34.1 22.9 42.5

Instrument :

MSVOA_U

ClientSampleId :

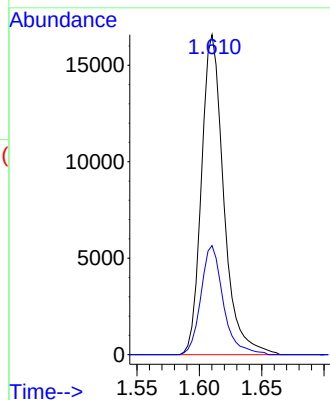
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Manual Integrations

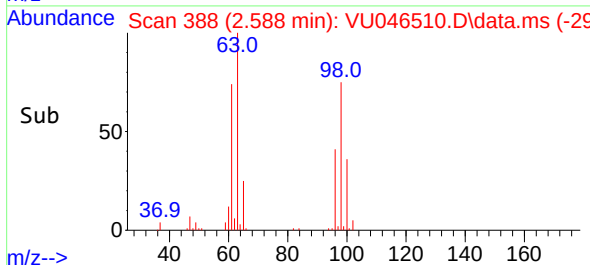
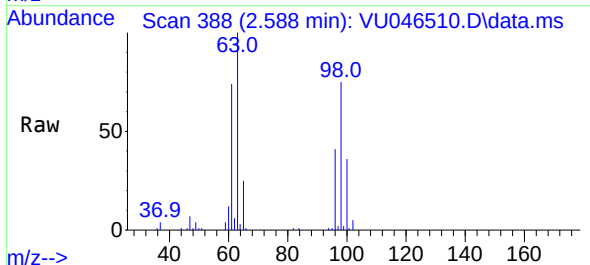
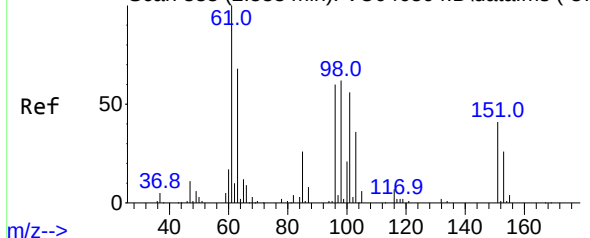
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Abundance Scan 388 (2.588 min): VU046504.D\data.ms (-37)



#12

1,1-Dichloroethene

Concen: 15.860 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.000 min

Lab File: VU046510.D

Acq: 20 Dec 2021 15:23

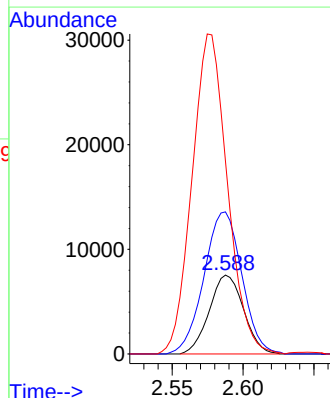
Tgt Ion: 96 Resp: 12716

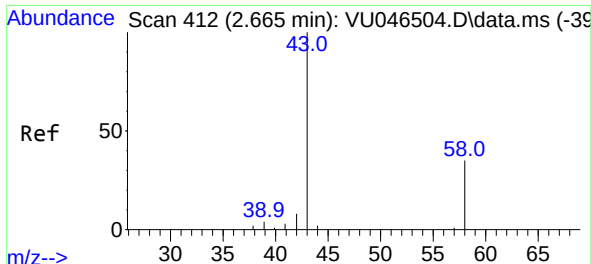
Ion Ratio Lower Upper

96 100

61 180.2 118.6 220.2

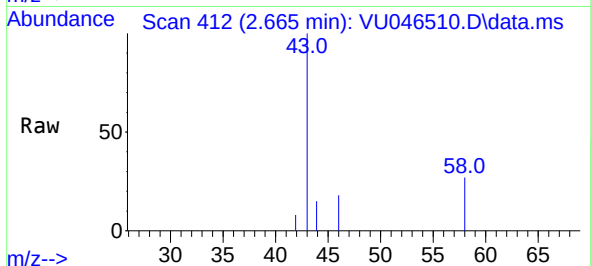
63 244.4 93.0 172.8#





#13
Acetone
Concen: 6.774 ug/L m
RT: 2.665 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU046510.D
Acq: 20 Dec 2021 15:23

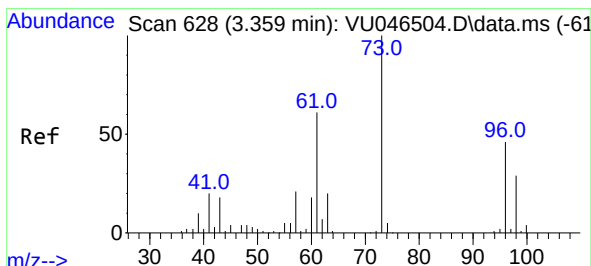
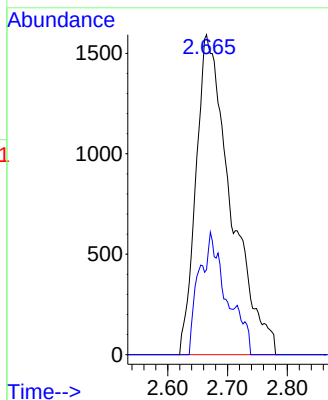
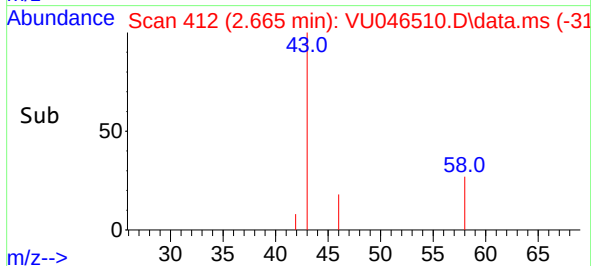
Instrument :
MSVOA_U
ClientSampleId :
GBBY0



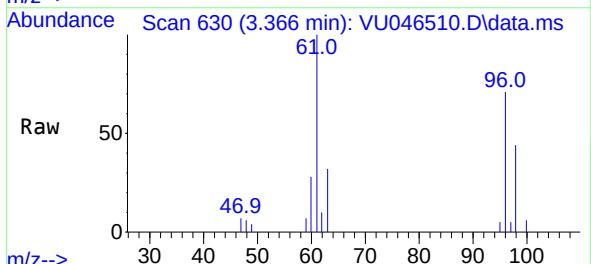
Tgt Ion: 43 Resp: 6428
Ion Ratio Lower Upper
43 100
58 3.1 0.0 66.8

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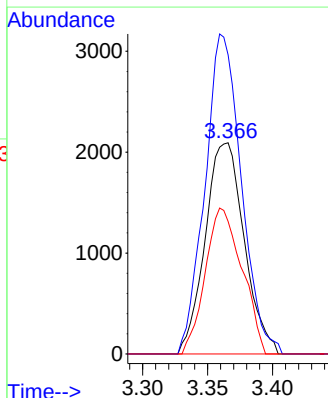
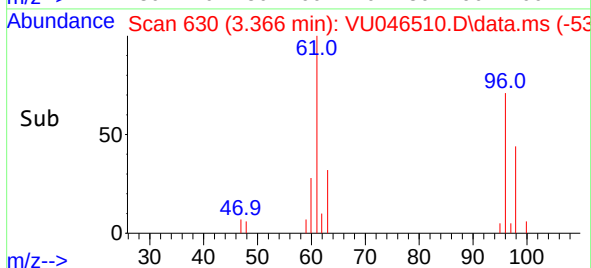
Reviewed By :Amit Patel 12/24/2021
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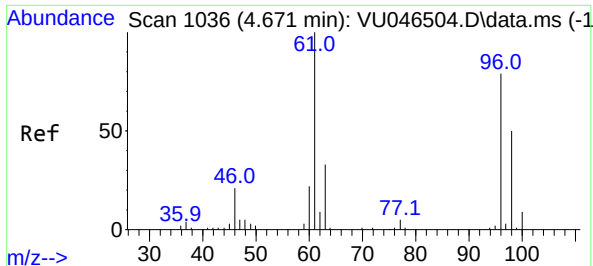


#17
trans-1,2-Dichloroethene
Concen: 5.154 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.006 min
Lab File: VU046510.D
Acq: 20 Dec 2021 15:23



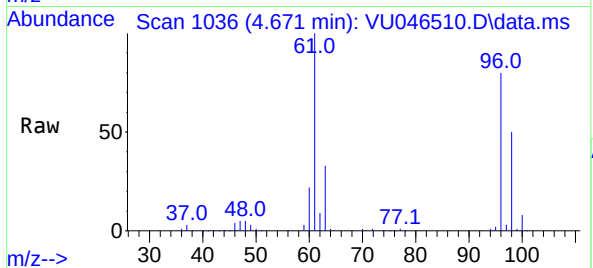
Tgt Ion: 96 Resp: 4373
Ion Ratio Lower Upper
96 100
61 141.5 94.6 175.6
98 62.7 44.0 81.8





cis-1,2-Dichloroethene
Concen: 407.483 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU046510.D
Acq: 20 Dec 2021 15:23

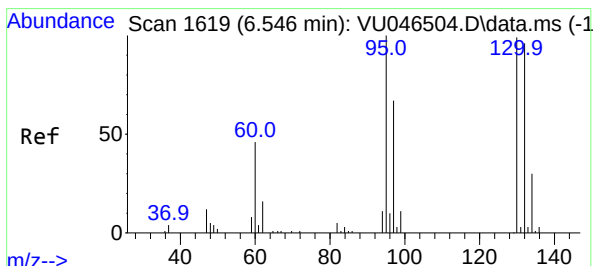
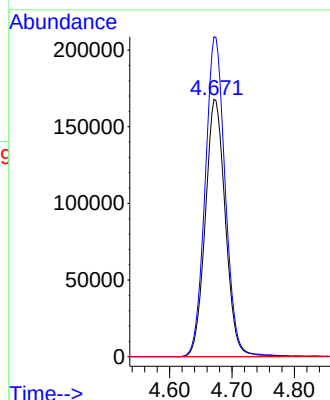
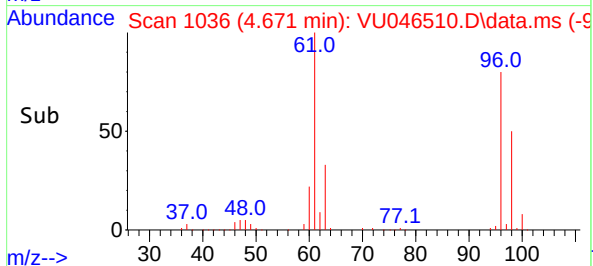
Instrument :
MSVOA_U
ClientSampleId :
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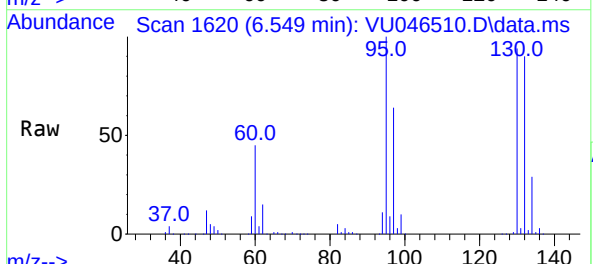
Tgt Ion: 96 Resp: 375145
Ion Ratio Lower Upper
96 100
61 124.4 86.8 161.2
68 0.0 0.0 0.0

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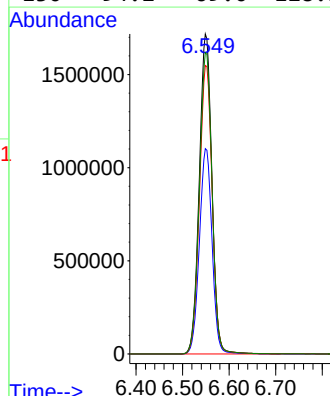
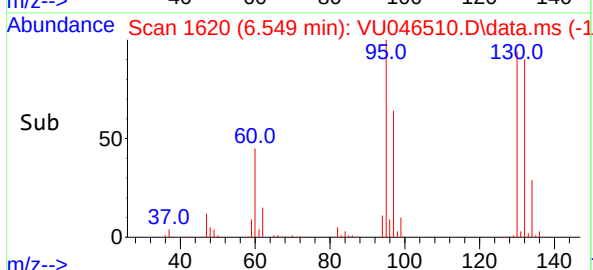
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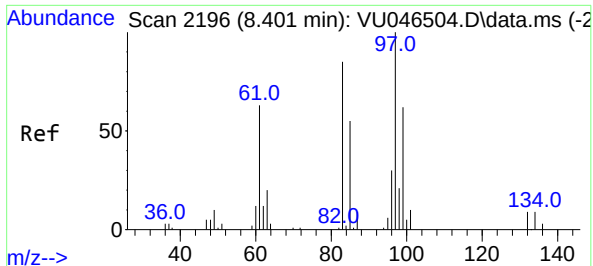


Trichloroethene
Concen: 3462.931 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU046510.D
Acq: 20 Dec 2021 15:23



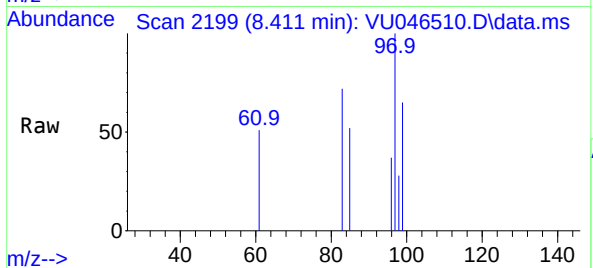
Tgt Ion: 95 Resp: 3242121
Ion Ratio Lower Upper
95 100
97 64.2 44.1 81.9
132 90.1 66.8 124.0
130 94.2 69.0 128.1





#45
1,1,2-Trichloroethane
Concen: 0.790 ug/L m
RT: 8.411 min Scan# 2199
Delta R.T. 0.006 min
Lab File: VU046510.D
Acq: 20 Dec 2021 15:23

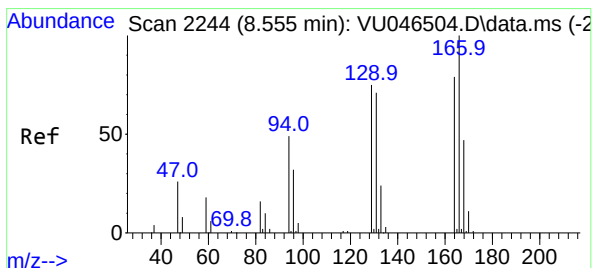
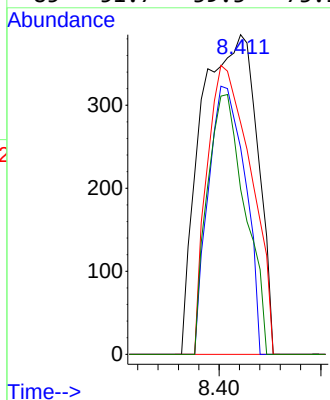
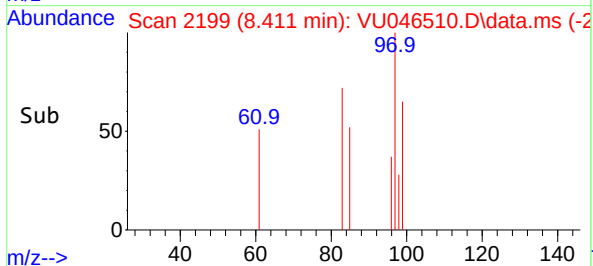
Instrument :
MSVOA_U
ClientSampleId :
GBBY0



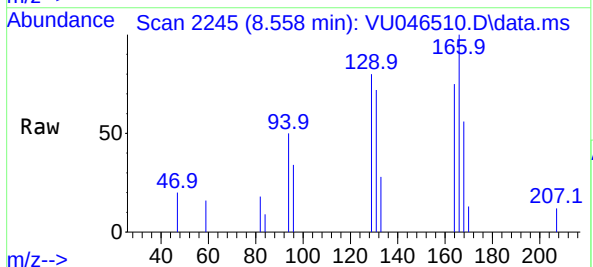
Tgt Ion: 97 Resp: 738
Ion Ratio Lower Upper
97 100
99 64.7 44.7 82.9
83 72.5 60.2 111.8
85 51.7 39.3 73.1

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#46
Tetrachloroethene
Concen: 2.456 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU046510.D
Acq: 20 Dec 2021 15:23



Tgt Ion:164 Resp: 1690
Ion Ratio Lower Upper
164 100
129 106.9 71.1 132.1
131 96.0 67.8 126.0
166 133.3 90.6 168.2

