

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046230.D
 Acq On : 09 Dec 2021 19:13
 Operator : SY/MD
 Sample : M4983-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5P8

Quant Time: Dec 10 03:46:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/28/2021
 Supervised By :Semsettin Yesilyurt 12/28/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	196042	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	202485	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	107215	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	75280	46.616	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.240%		
7) Chloroethane-d5	1.919	69	54936	44.307	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.620%		
11) 1,1-Dichloroethene-d2	2.578	63	188810	65.129	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	130.260%#		
21) 2-Butanone-d5	4.639	46	124158	96.714	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.710%		
24) Chloroform-d	5.067	84	120603	44.721	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.440%		
26) 1,2-Dichloroethane-d4	5.706	65	84436	46.654	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.300%		
32) Benzene-d6	5.732	84	265411	45.732	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.460%		
36) 1,2-Dichloropropane-d6	6.694	67	82619	45.934	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.860%		
41) Toluene-d8	7.899	98	238700	45.173	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.340%		
43) trans-1,3-Dichloroprop...	8.179	79	40307	46.423	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.840%		
47) 2-Hexanone-d5	8.636	63	85167	99.868	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.870%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	126857	46.507	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.020%		
66) 1,2-Dichlorobenzene-d4	12.195	152	96531	46.751	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.500%		
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.147	101	6100	2.429	ug/L	98
12) 1,1-Dichloroethene	2.588	96	179553m	132.461	ug/L	
17) trans-1,2-Dichloroethene	3.359	96	8199	5.716	ug/L	95
19) 1,1-Dichloroethane	3.877	63	476933	182.857	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	151539	97.358	ug/L	98
25) Chloroform	5.092	83	19693	6.796	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	1172560	471.757	ug/L	99
34) Trichloroethene	6.546	95	108404	67.144	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	4011	2.490	ug/L	98
46) Tetrachloroethene	8.555	164	114391	96.414	ug/L	97

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

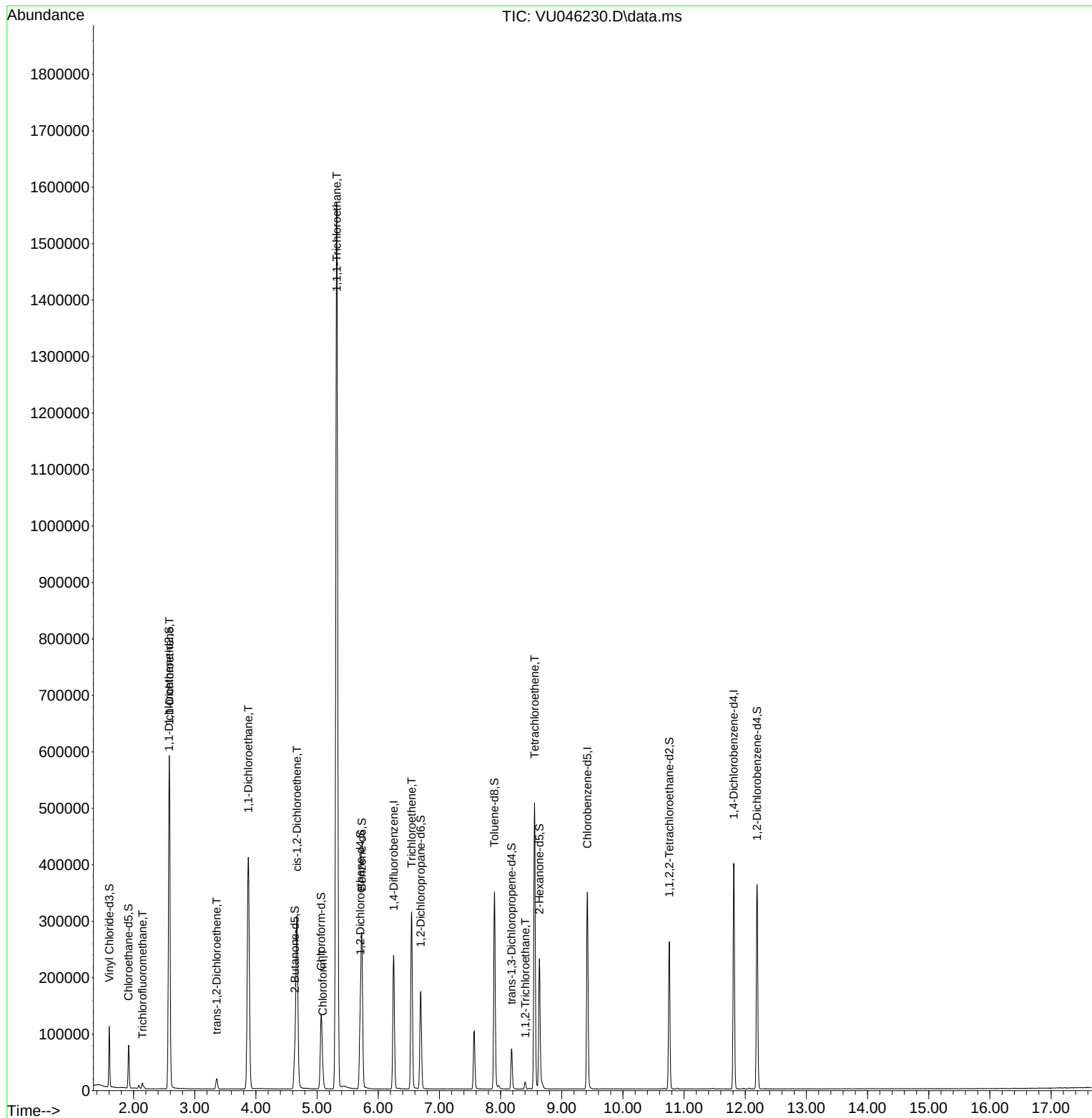
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046230.D
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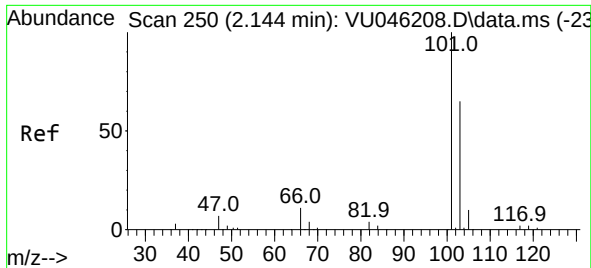
Instrument :
MSVOA_U
ClientSampleId :
EW5P8

Quant Time: Dec 10 03:46:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
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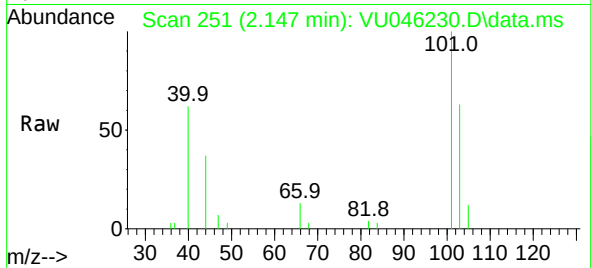
Reviewed By :Mahesh Dadoda 12/28/2021
Supervised By :Semsettin Yesilyurt 12/28/2021





#9
 Trichlorofluoromethane
 Concen: 2.429 ug/L
 RT: 2.147 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU046230.D
 Acq: 09 Dec 2021 19:13

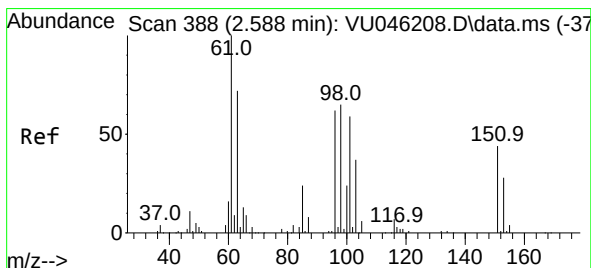
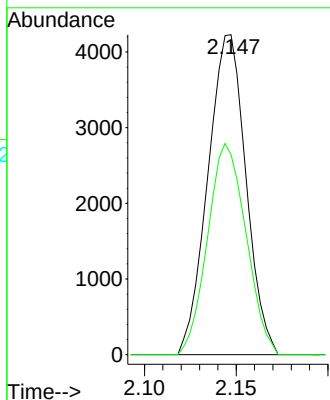
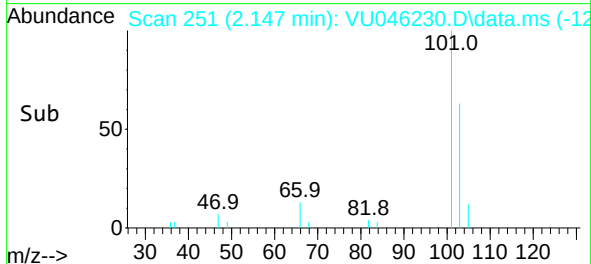
Instrument :
 MSVOA_U
 ClientSampleId :
 EW5P8



Tgt Ion:101 Resp: 6100
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.8 77.6

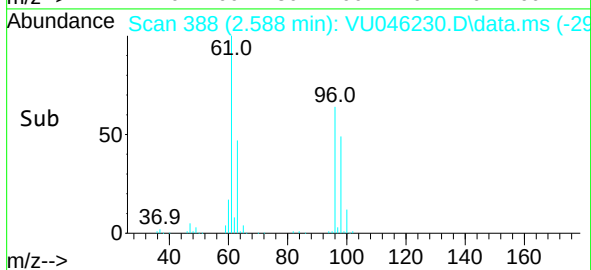
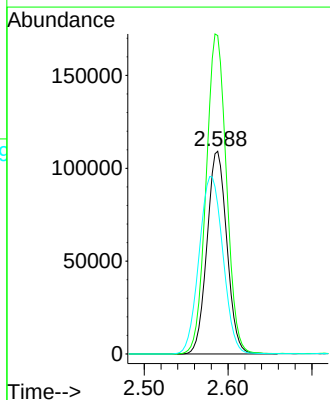
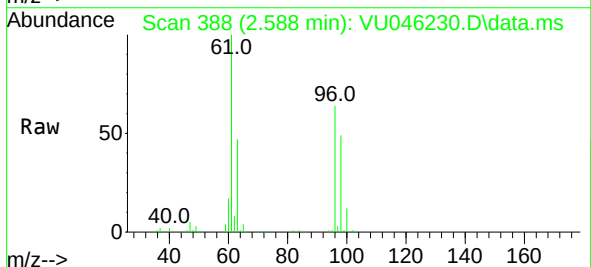
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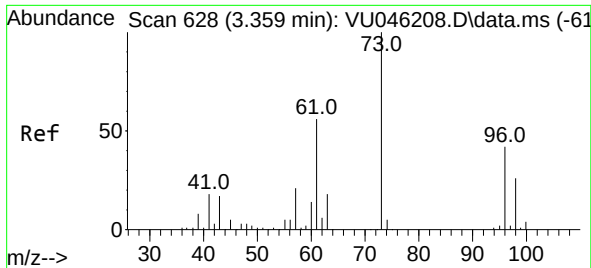
Reviewed By :Mahesh Dadoda 12/28/2021
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#12
 1,1-Dichloroethene
 Concen: 132.461 ug/L m
 RT: 2.588 min Scan# 388
 Delta R.T. 0.003 min
 Lab File: VU046230.D
 Acq: 09 Dec 2021 19:13

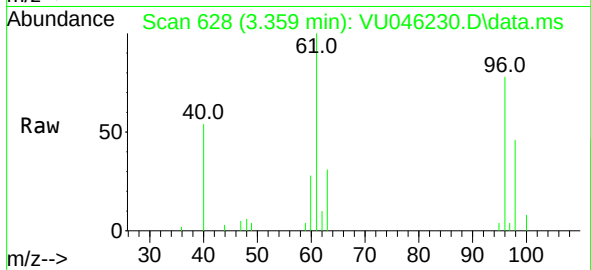
Tgt Ion: 96 Resp: 179553
 Ion Ratio Lower Upper
 96 100
 61 157.1 118.6 220.2
 63 73.6 93.0 172.8#





#17
trans-1,2-Dichloroethene
Concen: 5.716 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU046230.D
Acq: 09 Dec 2021 19:13

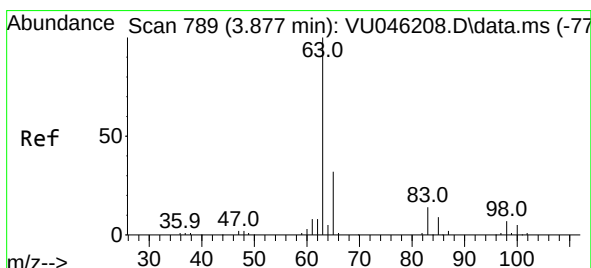
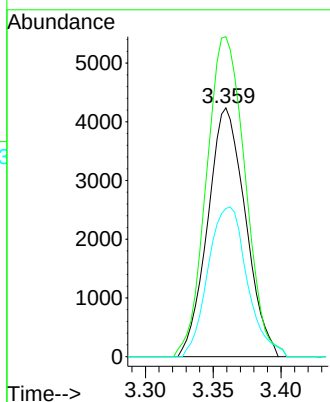
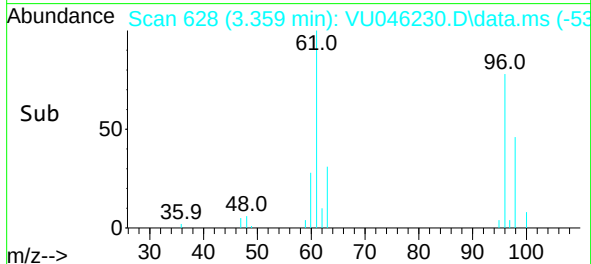
Instrument :
MSVOA_U
ClientSampleId :
EW5P8



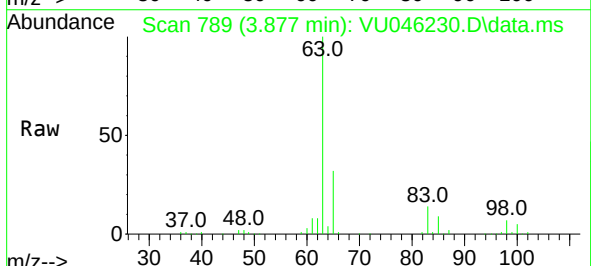
Tgt Ion: 96 Resp: 819
Ion Ratio Lower Upper
96 100
61 128.6 94.6 175.6
98 59.5 44.0 81.8

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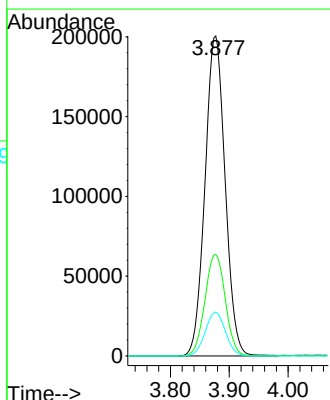
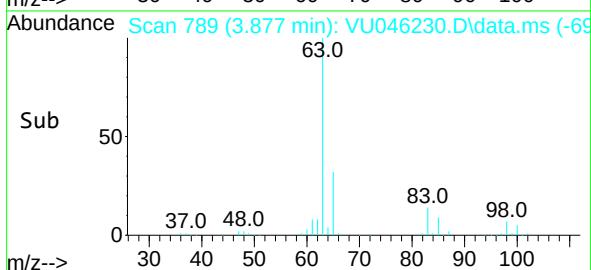
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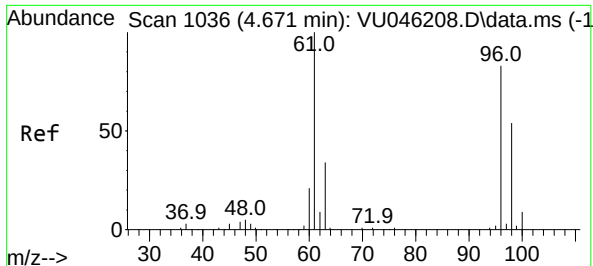


#19
1,1-Dichloroethane
Concen: 182.857 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU046230.D
Acq: 09 Dec 2021 19:13



Tgt Ion: 63 Resp: 476933
Ion Ratio Lower Upper
63 100
65 31.7 22.8 42.4
83 13.7 9.6 17.8





#20

cis-1,2-Dichloroethene

Concen: 97.358 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU046230.D

Acq: 09 Dec 2021 19:13

Instrument :

MSVOA_U

ClientSampleId :

EW5P8

Tgt Ion: 96 Resp: 151539

Ion Ratio Lower Upper

96 100

61 121.9 86.8 161.2

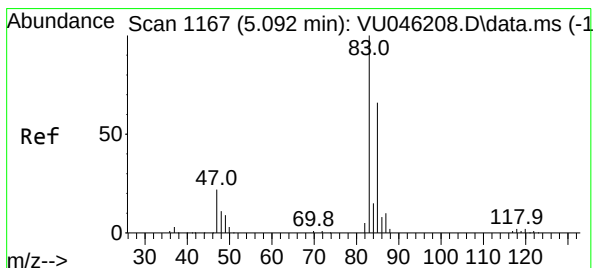
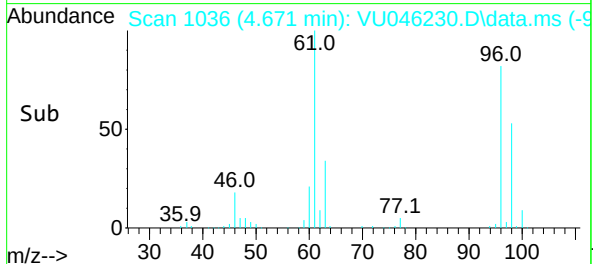
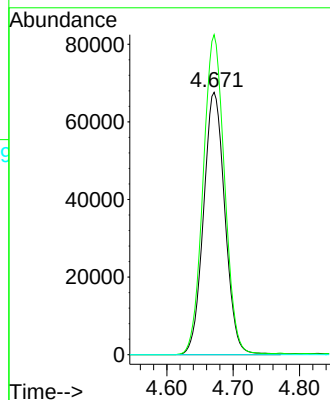
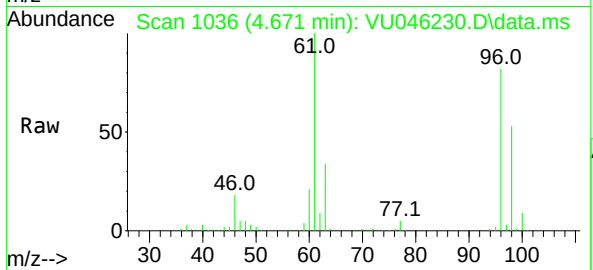
68 0.0 0.0 0.0

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#25

Chloroform

Concen: 6.796 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU046230.D

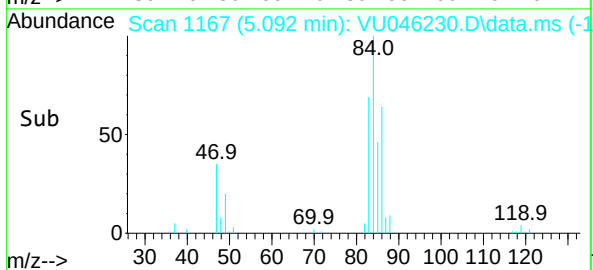
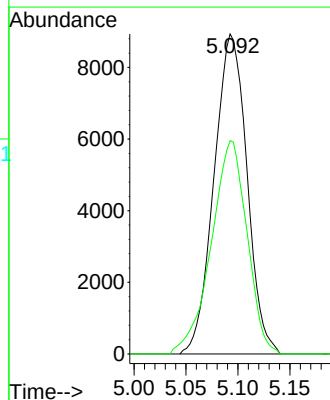
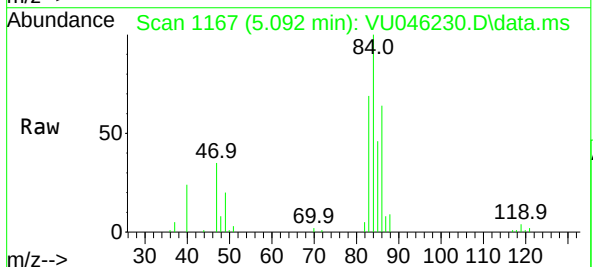
Acq: 09 Dec 2021 19:13

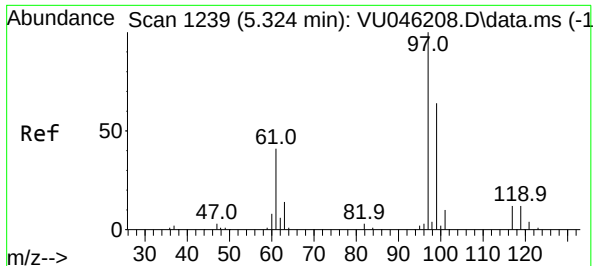
Tgt Ion: 83 Resp: 19693

Ion Ratio Lower Upper

83 100

85 66.7 45.8 85.2





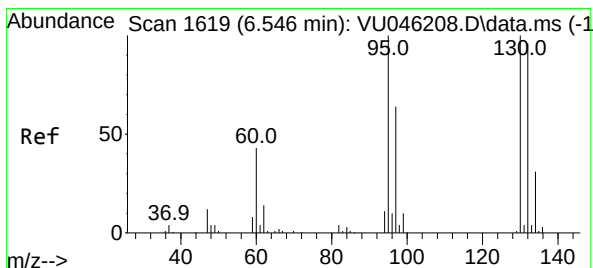
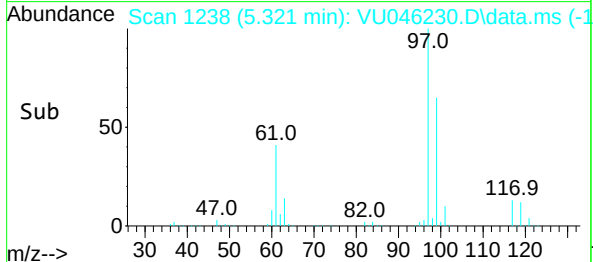
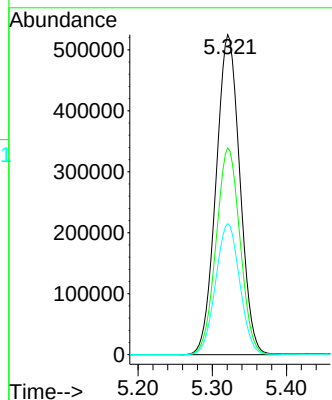
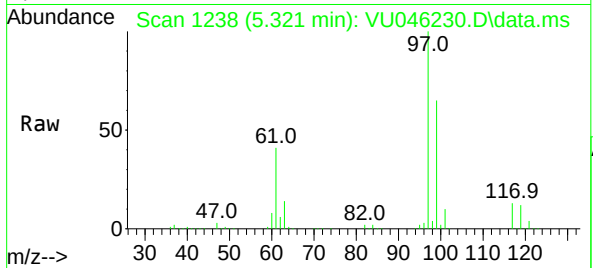
#30
1,1,1-Trichloroethane
Concen: 471.757 ug/L
RT: 5.321 min Scan# 1172560
Delta R.T. -0.000 min
Lab File: VU046230.D
Acq: 09 Dec 2021 19:13

Instrument :
MSVOA_U
ClientSampleId :
EW5P8

Tgt Ion: 97 Resp: 1172560
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.6
61 41.5 34.4 51.6

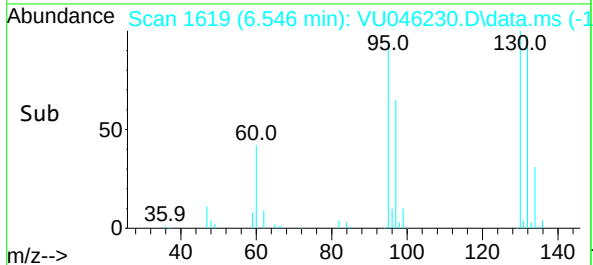
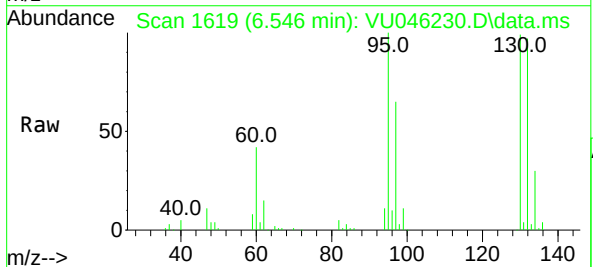
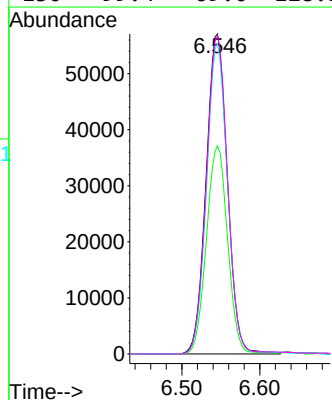
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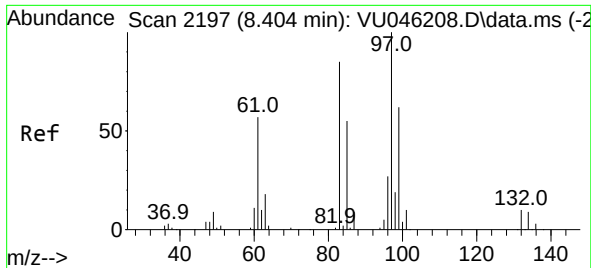
Reviewed By :Mahesh Dadoda 12/28/2021
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#34
Trichloroethene
Concen: 67.144 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046230.D
Acq: 09 Dec 2021 19:13

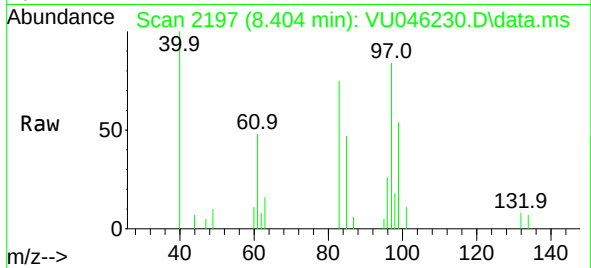
Tgt Ion: 95 Resp: 108404
Ion Ratio Lower Upper
95 100
97 65.1 44.1 81.9
132 96.8 66.8 124.0
130 99.4 69.0 128.1





#45
1,1,2-Trichloroethane
Concen: 2.490 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU046230.D
Acq: 09 Dec 2021 19:13

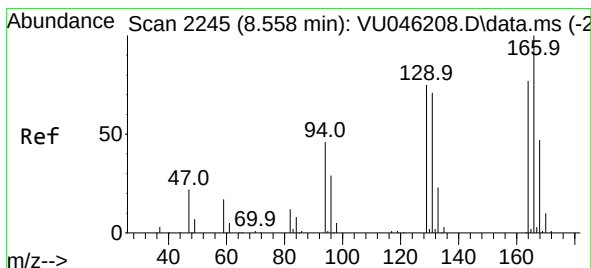
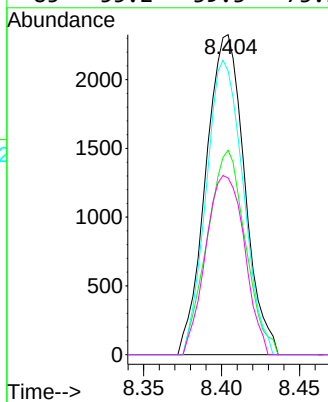
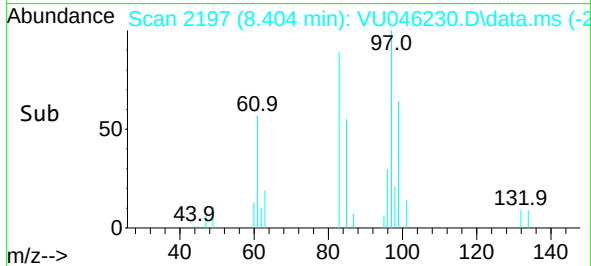
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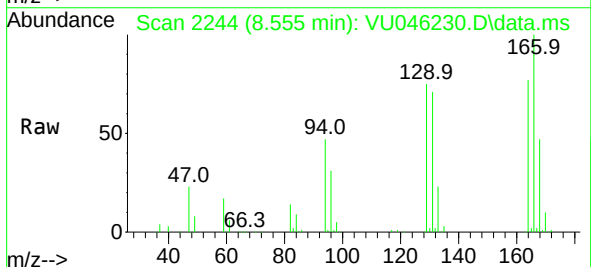
Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	44.7	82.9
83	88.7	60.2	111.8
85	55.2	39.3	73.1

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#46
Tetrachloroethene
Concen: 96.414 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046230.D
Acq: 09 Dec 2021 19:13



Tgt Ion	Ratio	Lower	Upper
164	100		
129	97.1	71.1	132.1
131	92.4	67.8	126.0
166	129.8	90.6	168.2

