

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121921\
 Data File : VU046490.D
 Acq On : 19 Dec 2021 13:31
 Operator : SY/MD
 Sample : M5062-13ME
 Misc : 6.12g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGL12ME

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2021
 Supervised By : Mahesh Dadoda 12/21/2021

Quant Time: Dec 20 00:26:57 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	6.250	114	151410	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.430	117	161528	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	80745	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	42950	34.436	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	68.880%		
7) Chloroethane-d5	1.919	69	35489	37.060	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	74.120%		
11) 1,1-Dichloroethene-d2	2.555	63	53511	23.899	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	47.800%#		
21) 2-Butanone-d5	4.658	46	78877	79.554	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	79.550%		
24) Chloroform-d	5.067	84	91339	43.853	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.700%		
26) 1,2-Dichloroethane-d4	5.703	65	63206	45.218	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.440%		
32) Benzene-d6	5.726	84	176489	38.121	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.240%		
36) 1,2-Dichloropropane-d6	6.690	67	57992	40.418	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	80.840%		
41) Toluene-d8	7.899	98	161597	38.336	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.680%#		
43) trans-1,3-Dichloroprop...	8.189	79	29362	42.392	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.780%		
47) 2-Hexanone-d5	8.690	63	66807	98.202	ug/L	0.05
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.200%		
56) 1,1,2,2-Tetrachloroeth...	10.774	84	91528	42.063	ug/L	0.02
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.120%		
66) 1,2-Dichlorobenzene-d4	12.201	152	64742	41.635	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.260%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.568	96	4180	3.993	ug/L #	1
15) Methyl Acetate	2.961	43	2348	1.625	ug/L #	72
19) 1,1-Dichloroethane	3.867	63	5626	2.793	ug/L	96
20) cis-1,2-Dichloroethene	4.671	96	1143	0.951	ug/L	88
22) 2-Butanone	4.755	43	6119m	4.536	ug/L	
34) Trichloroethene	6.542	95	326872	253.797	ug/L	99
42) Toluene	7.973	91	19824	3.779	ug/L	98
46) Tetrachloroethene	8.555	164	1221204	1290.275	ug/L	99
53) m,p-Xylene	9.700	106	3209	1.457	ug/L	100
54) o-xylene	10.115	106	1411	0.660	ug/L	80

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

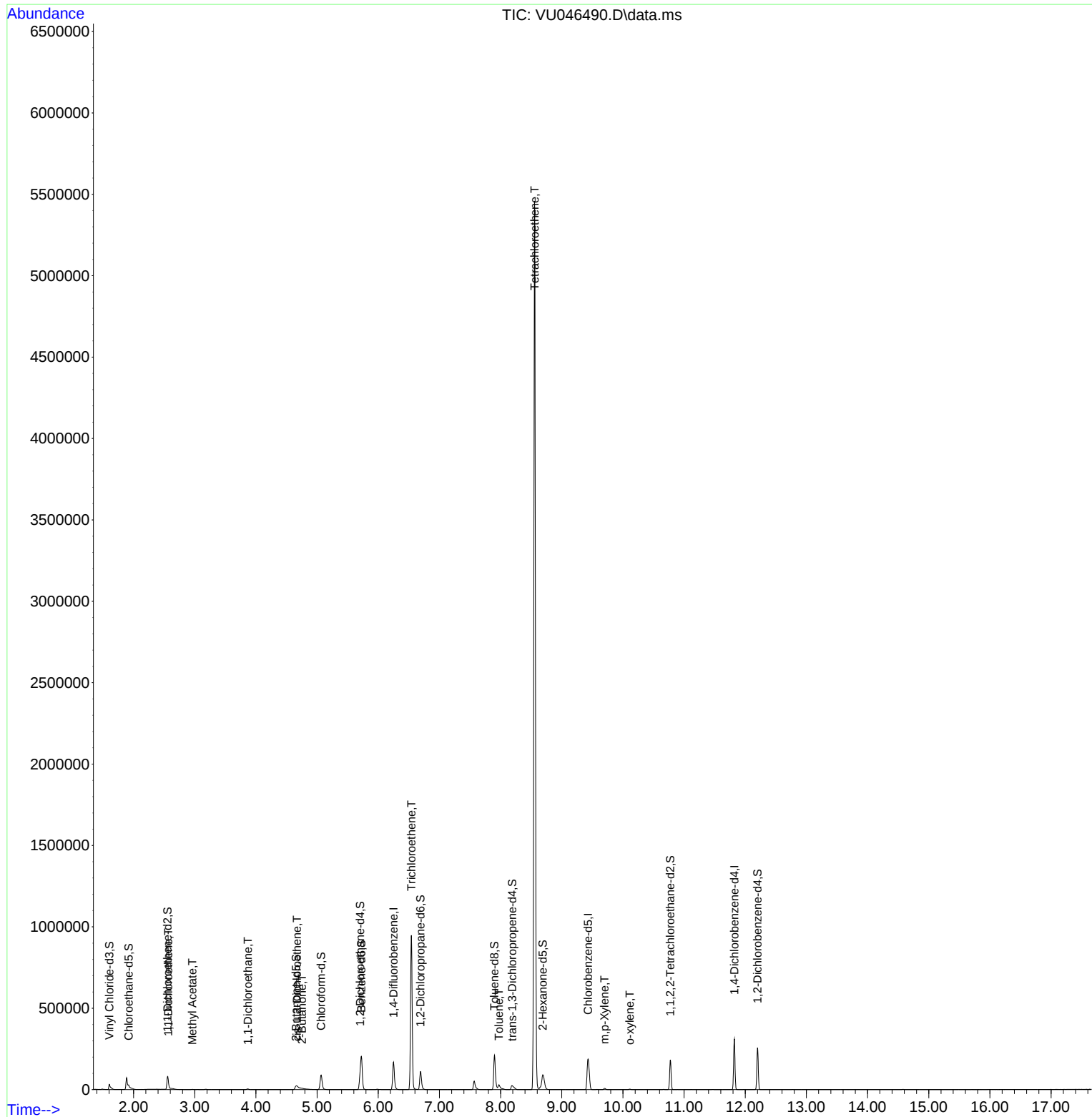
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121921\
Data File : VU046490.D
Acq On : 19 Dec 2021 13:31
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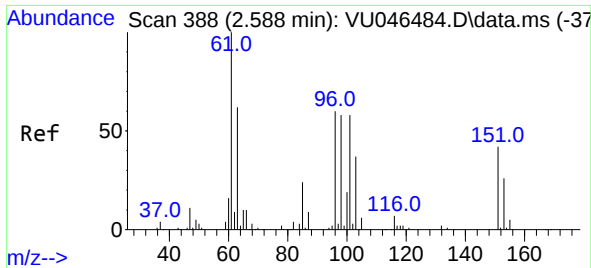
Instrument :
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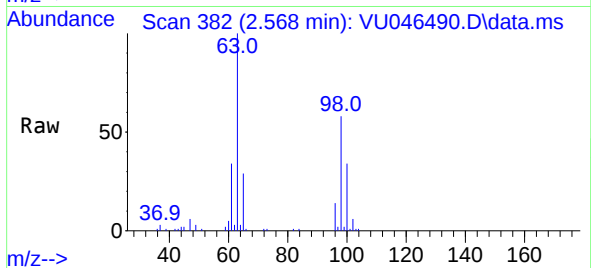
Quant Time: Dec 20 00:26:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Dec 20 00:25:10 2021
Response via : Initial Calibration





#12
1,1-Dichloroethene
Concen: 3.993 ug/L
RT: 2.568 min Scan# 388
Delta R.T. -0.019 min
Lab File: VU046490.D
Acq: 19 Dec 2021 13:31

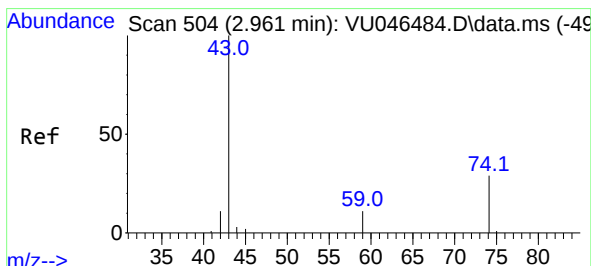
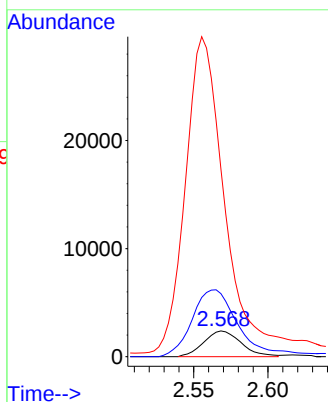
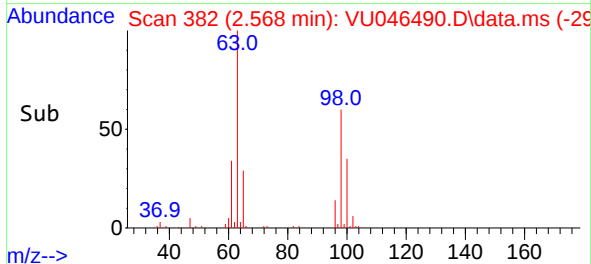
Instrument :
MSVOA_U
ClientSampleId :
BGL12ME



Tgt Ion: 96 Resp: 4180
Ion Ratio Lower Upper
96 100
61 244.8 118.6 220.2
63 729.4 93.0 172.8

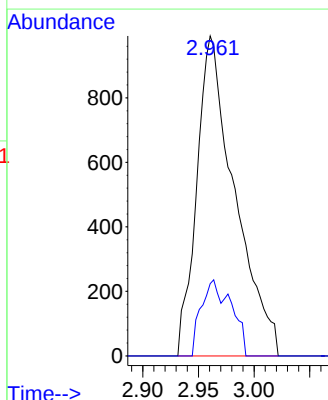
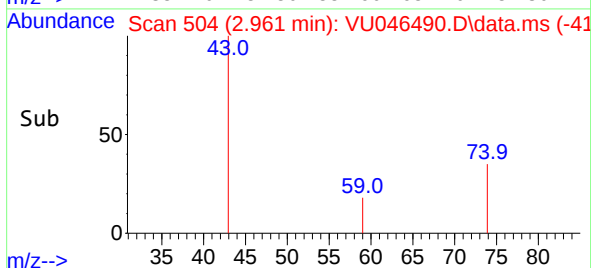
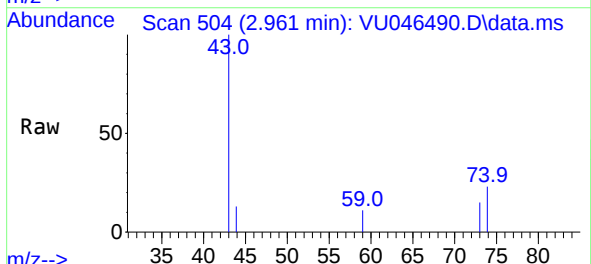
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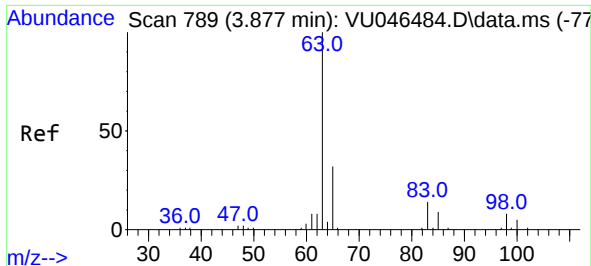
Reviewed By :John Carlone 12/20/2021
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#15
Methyl Acetate
Concen: 1.625 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.000 min
Lab File: VU046490.D
Acq: 19 Dec 2021 13:31

Tgt Ion: 43 Resp: 2348
Ion Ratio Lower Upper
43 100
74 11.7 20.8 31.2





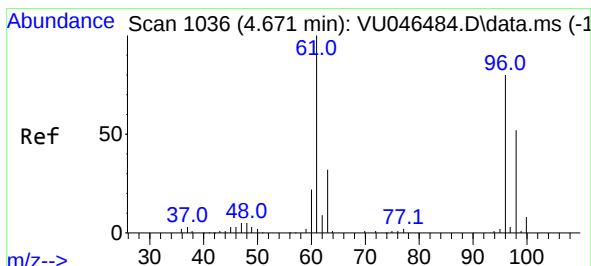
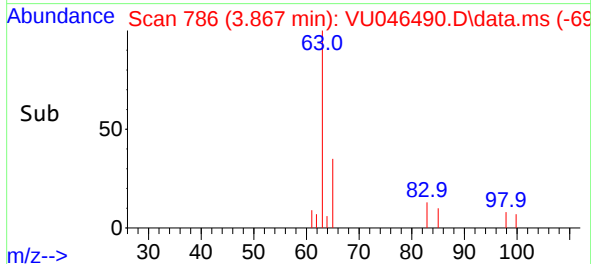
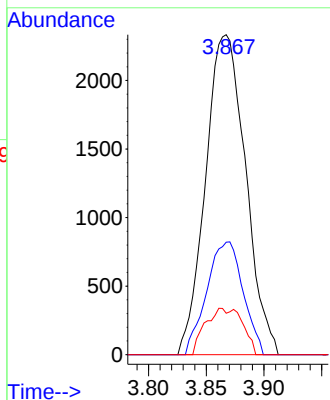
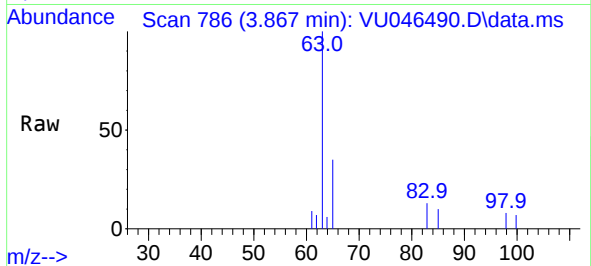
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1,1-Dichloroethane
Concen: 2.793 ug/L
RT: 3.867 min Scan# 789
Delta R.T. -0.010 min
Lab File: VU046490.D
Acq: 19 Dec 2021 13:31

Instrument :
MSVOA_U
ClientSampleId :
BGL12ME

Tgt Ion: 63 Resp: 5620
Ion Ratio Lower Upper
63 100
65 35.1 22.8 42.4
83 12.9 9.6 17.8

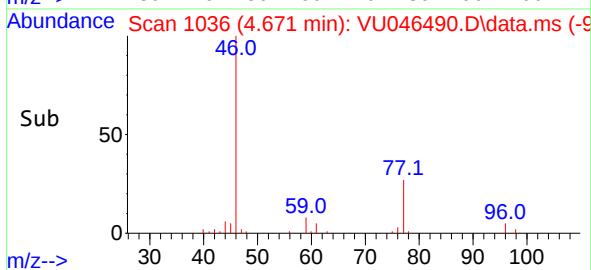
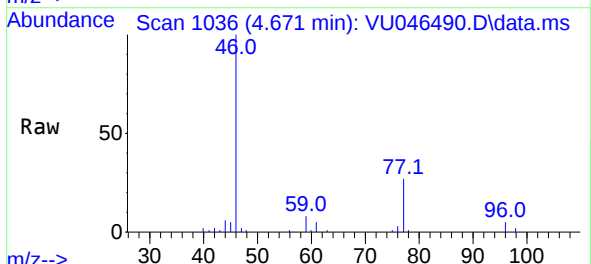
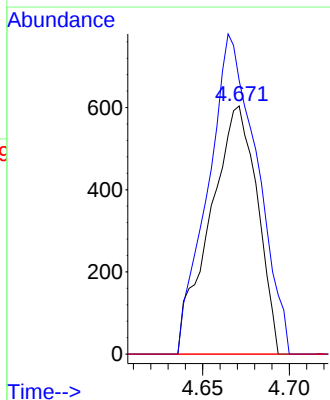
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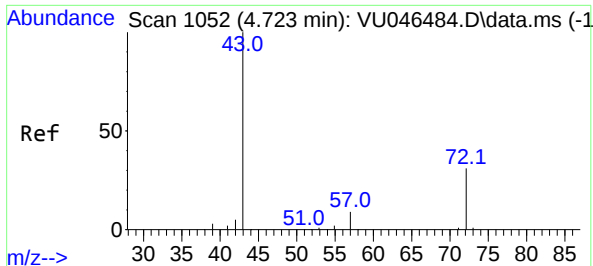
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#20
cis-1,2-Dichloroethene
Concen: 0.951 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU046490.D
Acq: 19 Dec 2021 13:31

Tgt Ion: 96 Resp: 1143
Ion Ratio Lower Upper
96 100
61 110.3 86.8 161.2
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 4.536 ug/L m

RT: 4.755 min Scan# 1062

Delta R.T. 0.032 min

Lab File: VU046490.D

Acq: 19 Dec 2021 13:31

Instrument :

MSVOA_U

ClientSampleId :

BGL12ME

Tgt Ion: 43 Resp: 6119

Ion Ratio Lower Upper

43 100

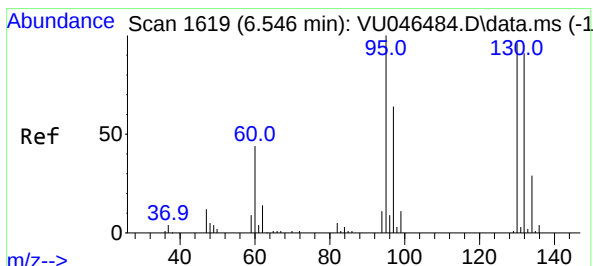
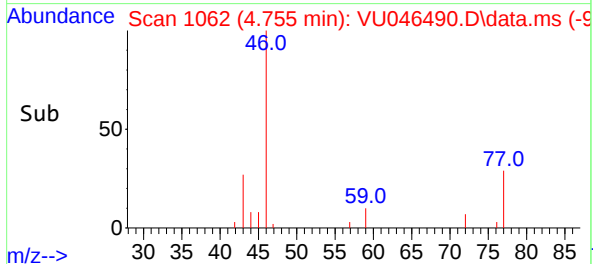
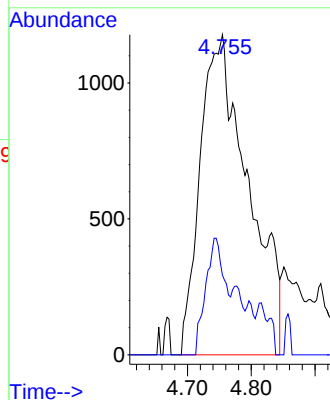
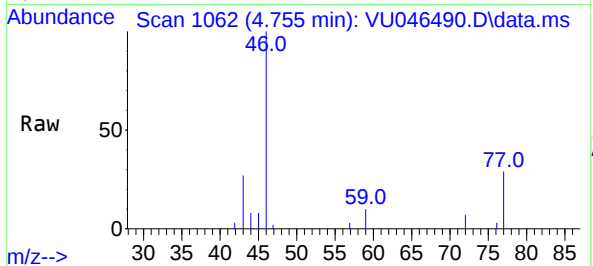
72 14.9 14.5 43.6

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#34

Trichloroethene

Concen: 253.797 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.003 min

Lab File: VU046490.D

Acq: 19 Dec 2021 13:31

Tgt Ion: 95 Resp: 326872

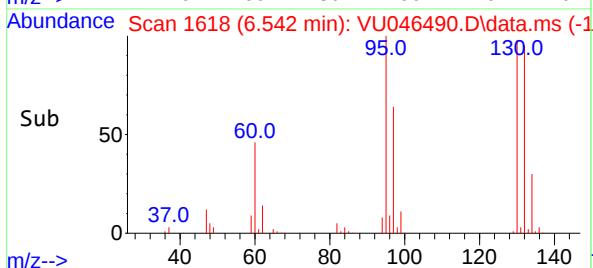
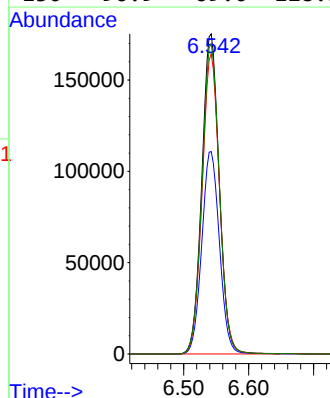
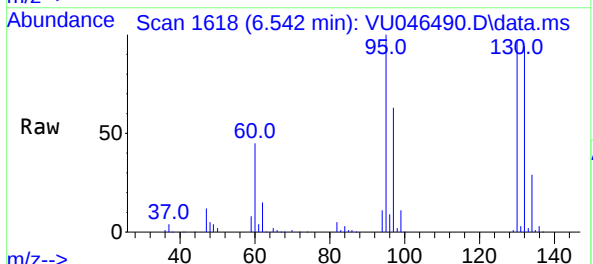
Ion Ratio Lower Upper

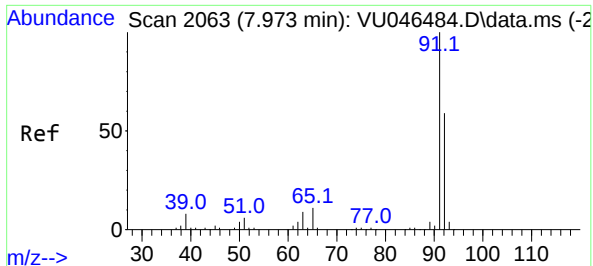
95 100

97 63.3 44.1 81.9

132 93.7 66.8 124.0

130 96.9 69.0 128.1





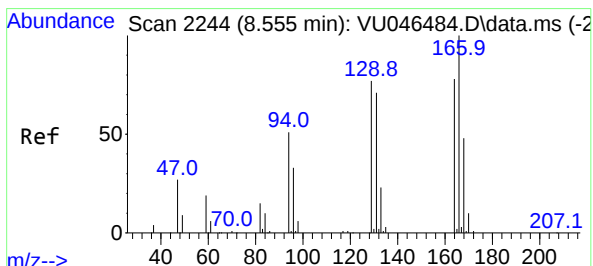
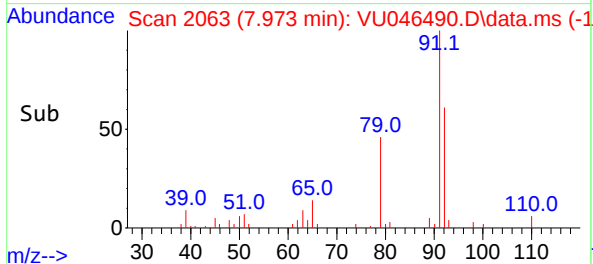
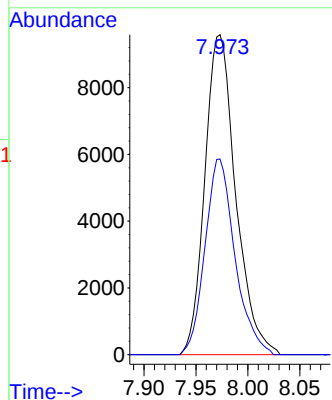
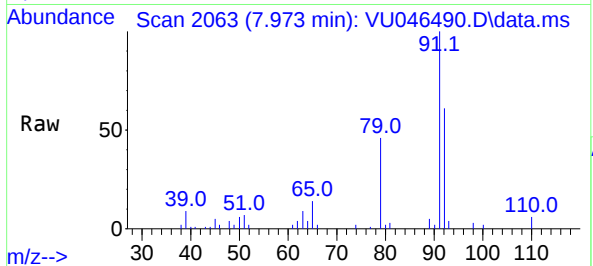
#42
Toluene
Concen: 3.779 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU046490.D
Acq: 19 Dec 2021 13:31

Instrument :
MSVOA_U
ClientSampleId :
BGL12ME

Tgt Ion: 91 Resp: 19824
Ion Ratio Lower Upper
91 100
92 61.2 41.9 77.7

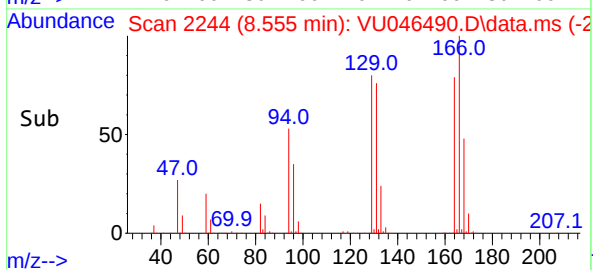
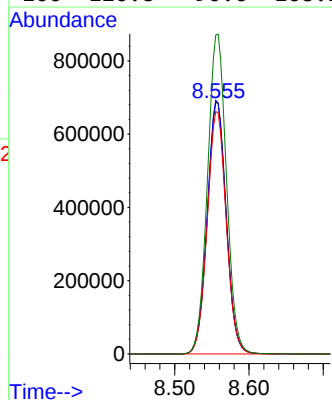
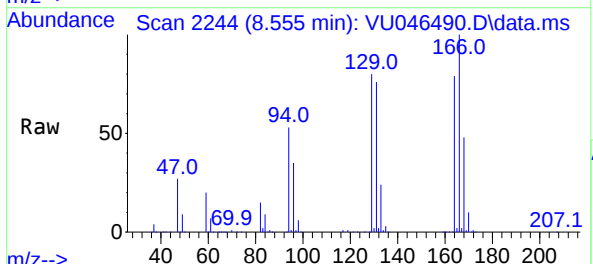
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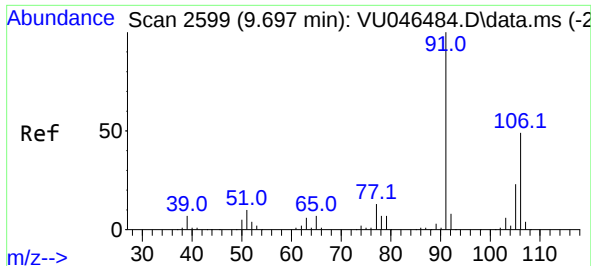
Reviewed By :John Carlone 12/20/2021
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#46
Tetrachloroethene
Concen: 1290.275 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046490.D
Acq: 19 Dec 2021 13:31

Tgt Ion:164 Resp: 1221204
Ion Ratio Lower Upper
164 100
129 100.9 71.1 132.1
131 96.4 67.8 126.0
166 126.8 90.6 168.2





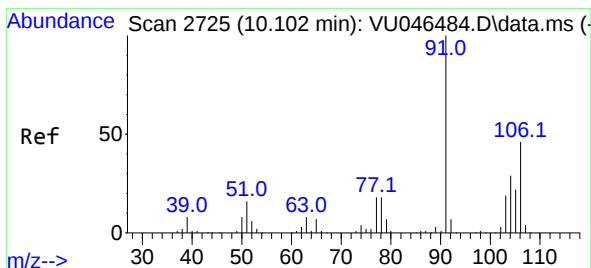
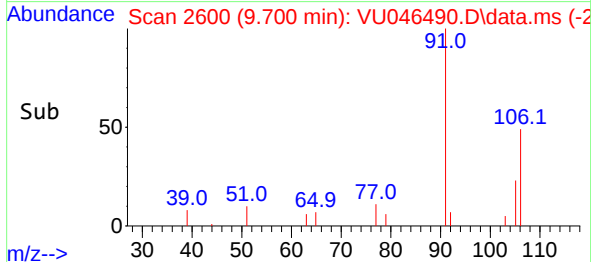
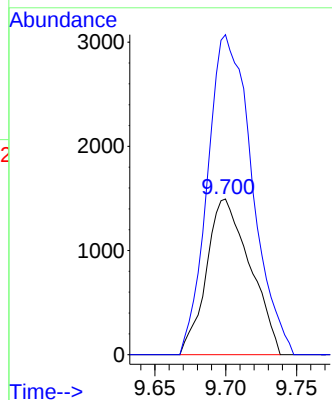
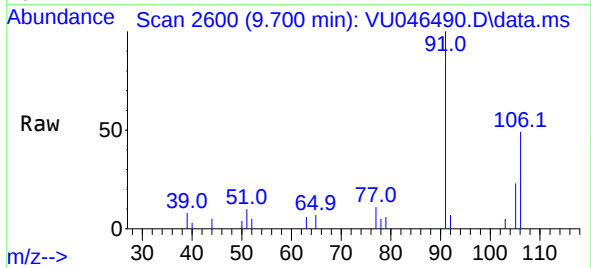
#53
m,p-Xylene
Concen: 1.457 ug/L
RT: 9.700 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU046490.D
Acq: 19 Dec 2021 13:31

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Tgt Ion:106 Resp: 3209
Ion Ratio Lower Upper
106 100
91 205.5 144.3 268.1

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#54
o-xylene
Concen: 0.660 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.013 min
Lab File: VU046490.D
Acq: 19 Dec 2021 13:31

Tgt Ion:106 Resp: 1411
Ion Ratio Lower Upper
106 100
91 188.8 154.2 286.4

