

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
 Data File : VU046532.D
 Acq On : 21 Dec 2021 18:56
 Operator : SY/MD
 Sample : M5152-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3E4

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/24/2021
 Supervised By :Mahesh Dadoda 12/28/2021

Quant Time: Dec 22 05:47:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 21 14:35:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	79610	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	77397	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	36711	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	31296	4.991	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.800%
7) Chloroethane-d5	1.922	69	24705	5.003	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.000%
11) 1,1-Dichloroethene-d2	2.571	65	13875	5.247	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.000%
20) 2-Butanone-d5	4.652	46	99074	54.469	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.940%
24) Chloroform-d	5.066	84	56882	4.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.706	65	34369	5.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.732	84	113993	5.283	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
36) 1,2-Dichloropropane-d6	6.693	67	34346	5.298	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.899	98	96990	4.953	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	8.182	79	14303	4.770	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.639	63	92343	52.454	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.900%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33676	5.061	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	37197	5.501	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.000%
Target Compounds					Qvalue	
13) Acetone	2.668	43	10375m	6.084	ug/L	
33) Benzene	5.777	78	7855	0.255	ug/L	100
42) Toluene	7.970	91	8357	0.265	ug/L	90
63) 1,2,4-Trimethylbenzene	11.468	105	2638	0.111	ug/L #	71

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

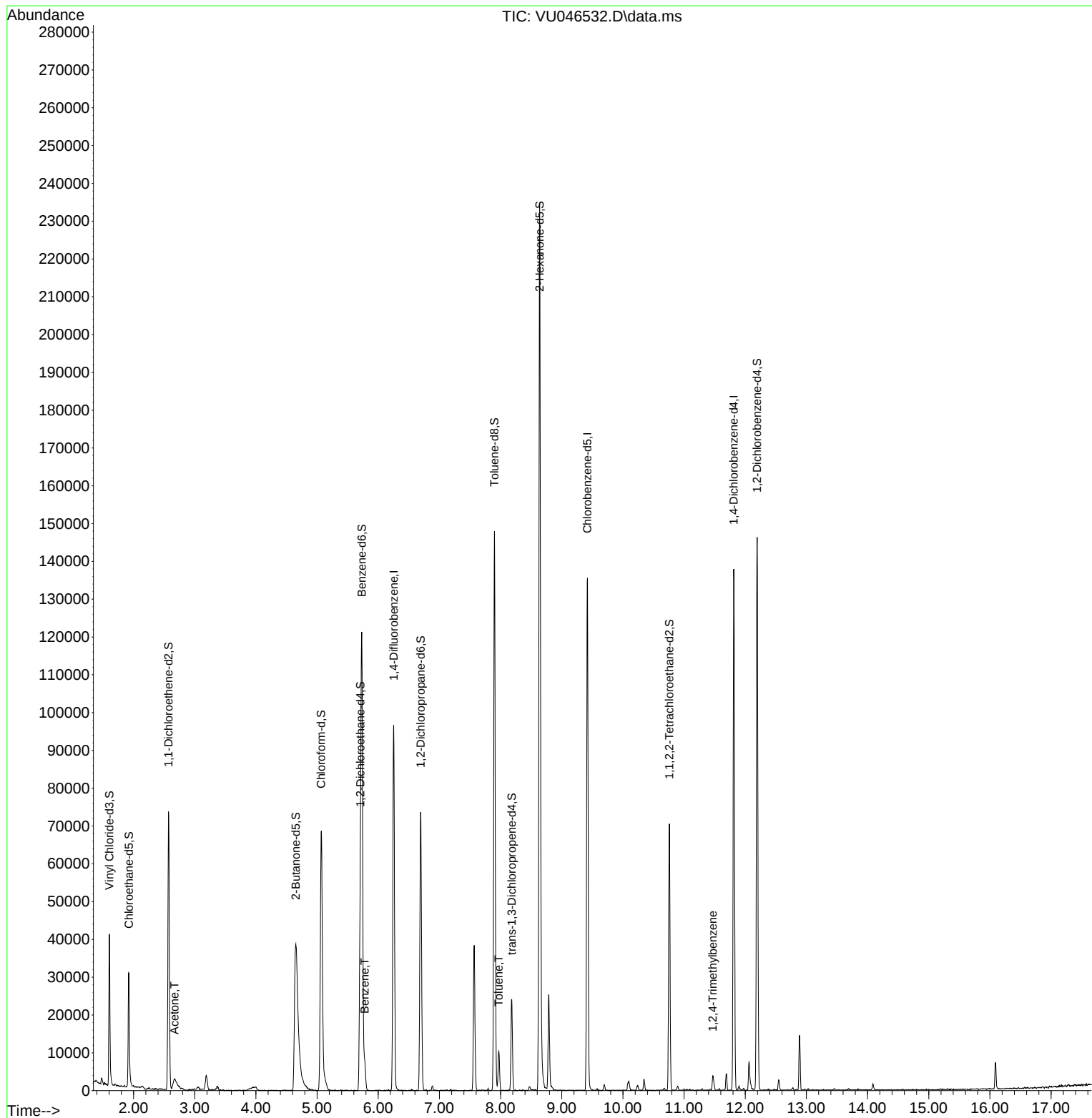
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Data File : VU046532.D
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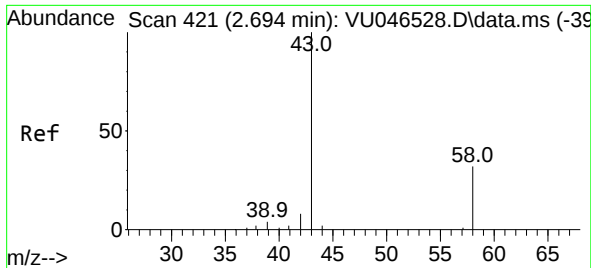
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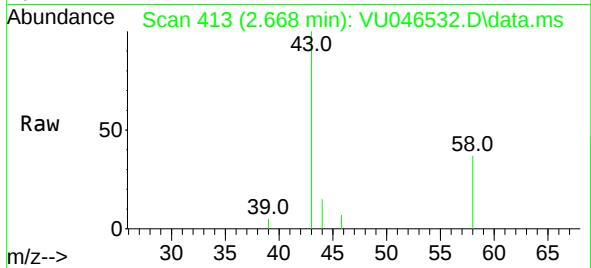
Quant Time: Dec 22 05:47:14 2021
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 21 14:35:13 2021
Response via : Initial Calibration





#13
Acetone
Concen: 6.084 ug/L m
RT: 2.668 min Scan# 41
Delta R.T. -0.016 min
Lab File: VU046532.D
Acq: 21 Dec 2021 18:56

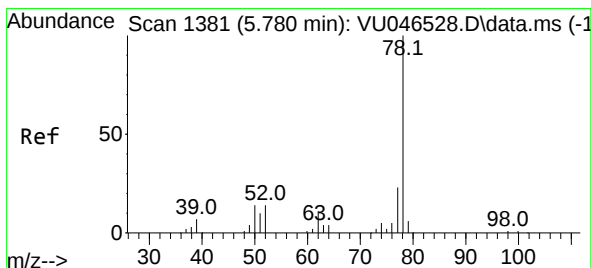
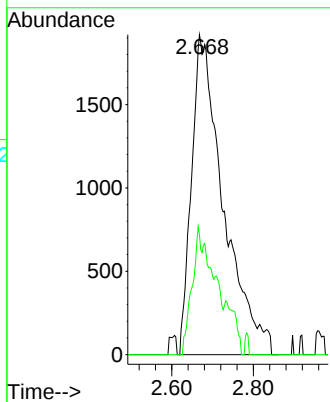
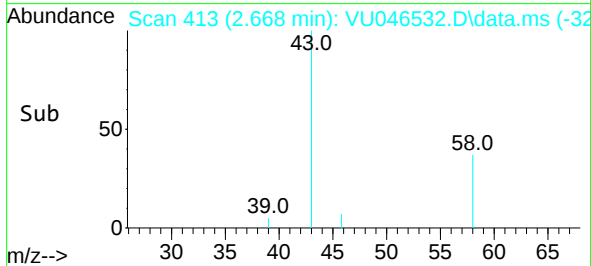
Instrument :
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ClientSampleId :
BG3E4



Tgt Ion: 43 Resp: 1037
Ion Ratio Lower Upper
43 100
58 12.2 0.0 71.6

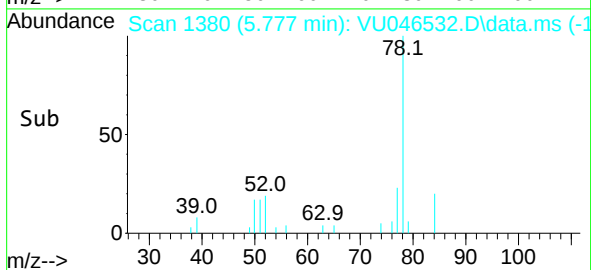
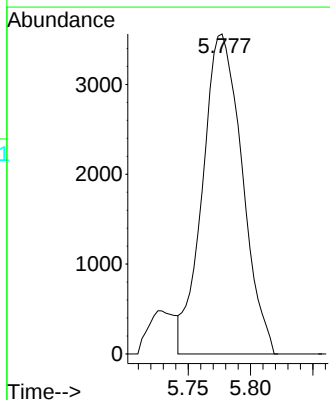
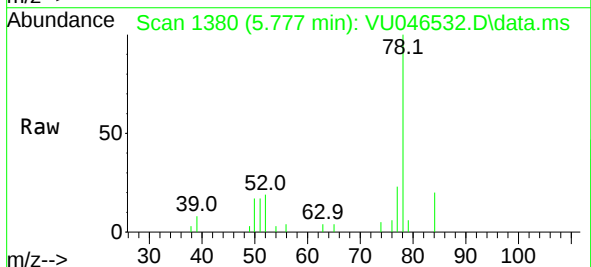
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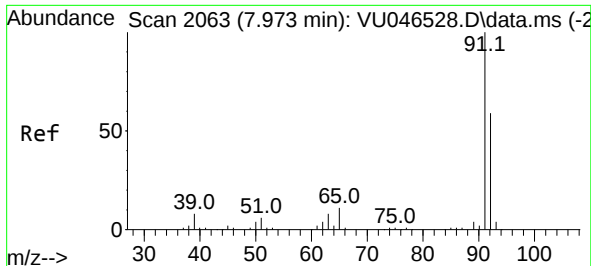
Reviewed By :Amit Patel 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#33
Benzene
Concen: 0.255 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU046532.D
Acq: 21 Dec 2021 18:56

Tgt Ion: 78 Resp: 7855





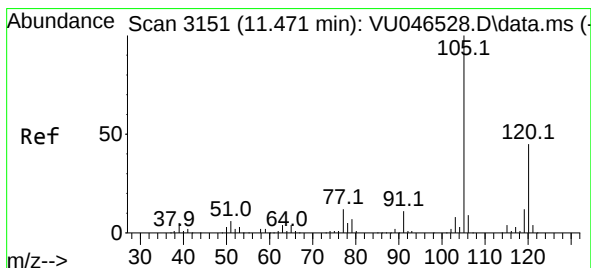
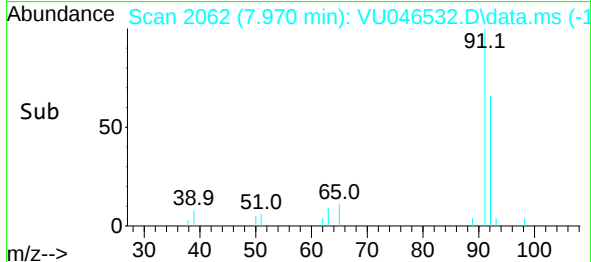
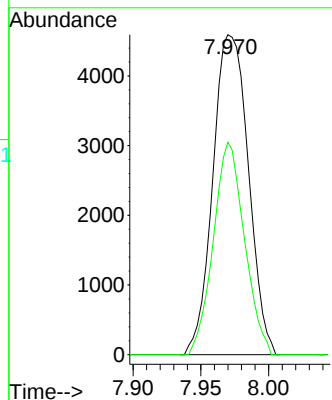
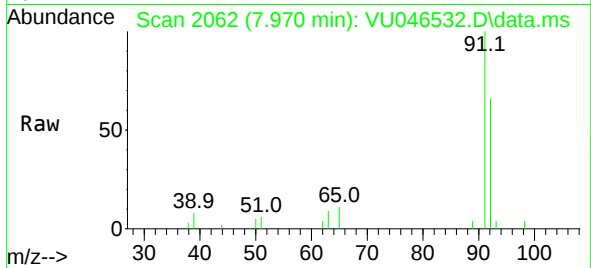
#42
Toluene
Concen: 0.265 ug/L
RT: 7.970 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU046532.D
Acq: 21 Dec 2021 18:56

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Tgt Ion: 91 Resp: 835
Ion Ratio Lower Upper
91 100
92 66.4 41.3 76.7

Manual Integrations
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#63
1,2,4-Trimethylbenzene
Concen: 0.111 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU046532.D
Acq: 21 Dec 2021 18:56

Tgt Ion:105 Resp: 2638
Ion Ratio Lower Upper
105 100
120 26.0 35.8 53.8#

