

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
 Data File : VU046055.D
 Acq On : 02 Dec 2021 16:19
 Operator : SY/MD
 Sample : M4870-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKP2

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/03/2021
 Supervised By : Mahesh Dadoda 12/03/2021

Quant Time: Dec 03 05:12:08 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

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	223332	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	223277	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	115761	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	66190	35.979	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.960%		
7) Chloroethane-d5	1.916	69	52636	37.264	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	74.520%		
11) 1,1-Dichloroethene-d2	2.571	63	92758	28.086	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	56.180%#		
21) 2-Butanone-d5	4.633	46	131171	89.692	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.690%		
24) Chloroform-d	5.067	84	129608	42.187	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.380%		
26) 1,2-Dichloroethane-d4	5.703	65	88463	42.906	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.820%		
32) Benzene-d6	5.729	84	278347	43.495	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.000%		
36) 1,2-Dichloropropane-d6	6.694	67	88592	44.669	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.340%		
41) Toluene-d8	7.899	98	252929	43.408	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.820%		
43) trans-1,3-Dichloroprop...	8.182	79	40806	42.621	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.240%		
47) 2-Hexanone-d5	8.632	63	90797	96.555	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.560%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	128866	42.844	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.680%		
66) 1,2-Dichlorobenzene-d4	12.195	152	102148	45.820	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.640%		
Target Compounds					Qvalue	
13) Acetone	2.649	43	22008	12.041	ug/L	97
22) 2-Butanone	4.719	43	4786m	2.405	ug/L	
52) Ethylbenzene	9.571	91	6179	0.792	ug/L	94
53) m,p-Xylene	9.693	106	3156	1.037	ug/L	96

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

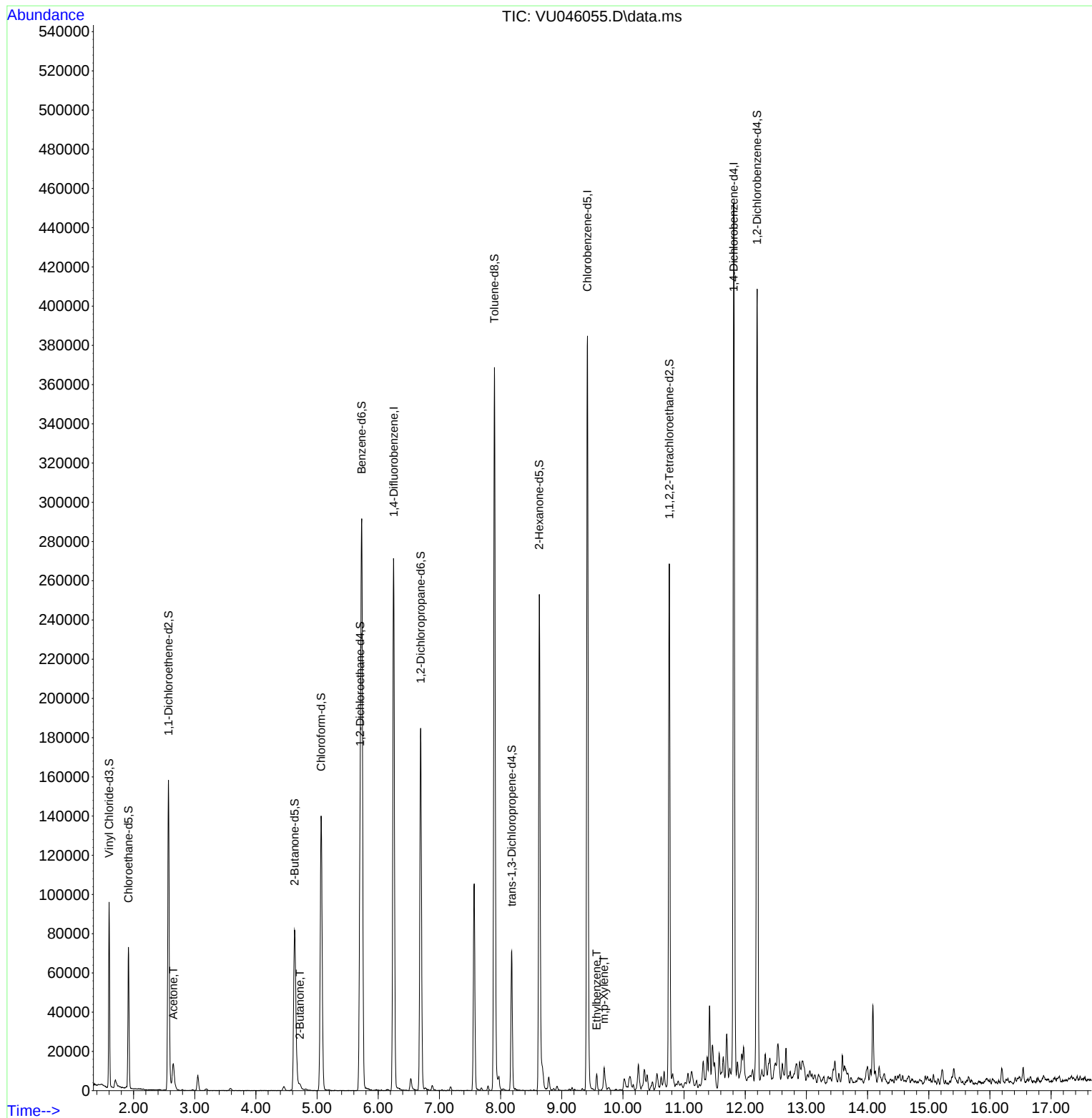
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
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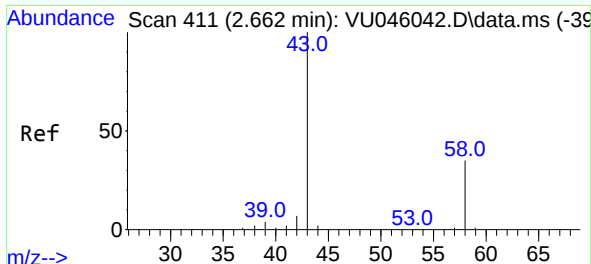
Instrument :
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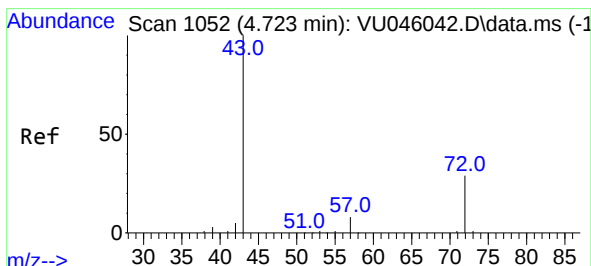
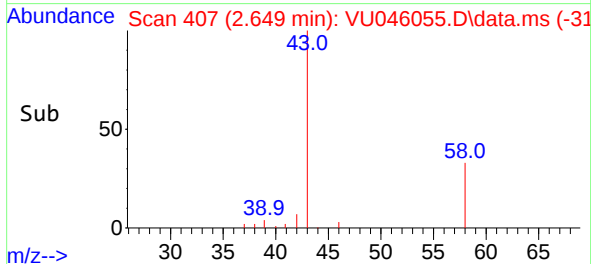
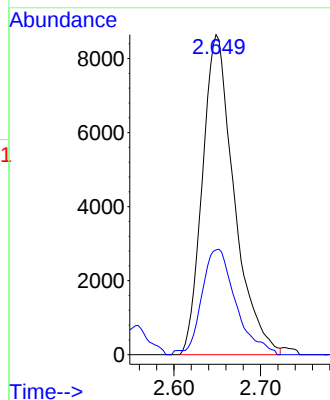
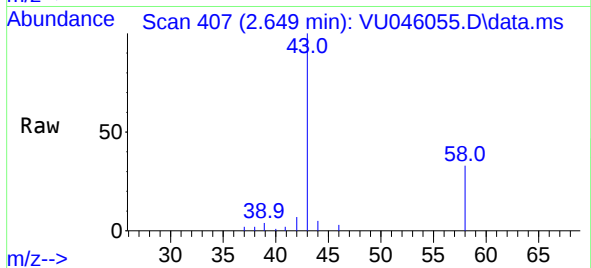
#13
Acetone
Concen: 12.041 ug/L
RT: 2.649 min Scan# 407
Delta R.T. -0.013 min
Lab File: VU046055.D
Acq: 02 Dec 2021 16:19

Instrument :
MSVOA_U
ClientSampleId :
BGKP2

Tgt Ion: 43 Resp: 22008
Ion Ratio Lower Upper
43 100
58 34.9 0.0 66.8

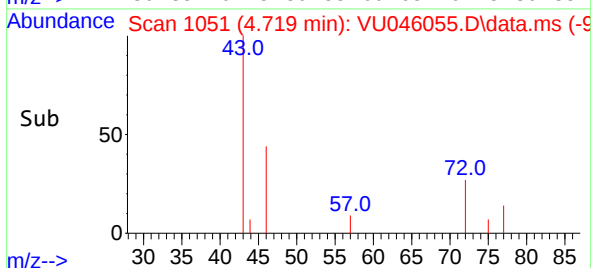
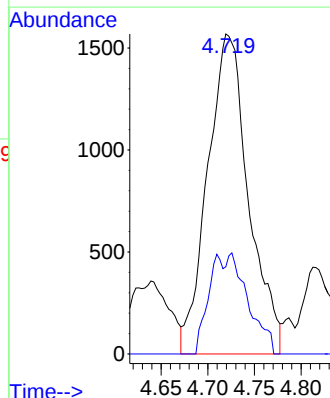
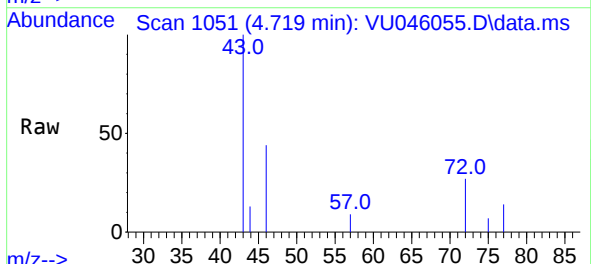
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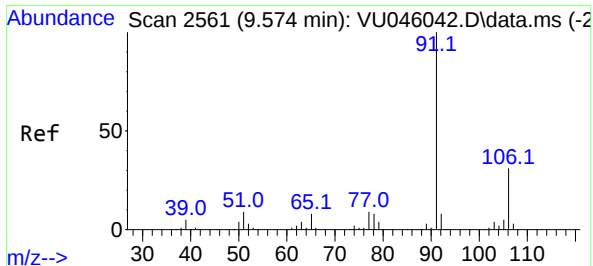
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#22
2-Butanone
Concen: 2.405 ug/L m
RT: 4.719 min Scan# 1051
Delta R.T. -0.003 min
Lab File: VU046055.D
Acq: 02 Dec 2021 16:19

Tgt Ion: 43 Resp: 4786
Ion Ratio Lower Upper
43 100
72 11.7 14.5 43.6#





#52

Ethylbenzene

Concen: 0.792 ug/L

RT: 9.571 min Scan# 2561

Delta R.T. -0.003 min

Lab File: VU046055.D

Acq: 02 Dec 2021 16:19

Instrument :

MSVOA_U

ClientSampleId :

BGKP2

Tgt Ion: 91 Resp: 6179

Ion Ratio Lower Upper

91 100

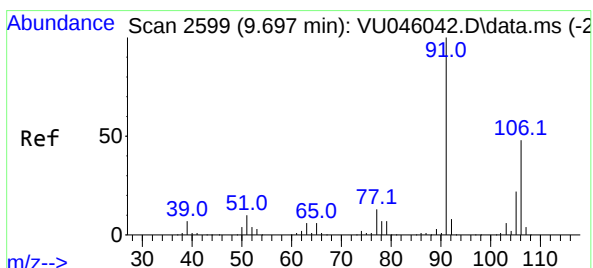
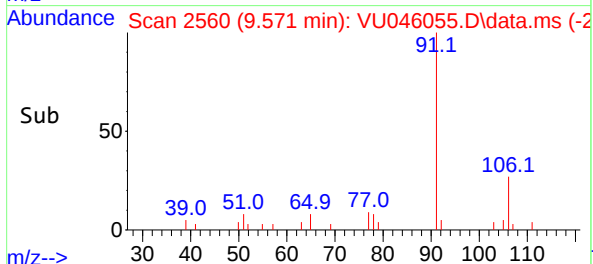
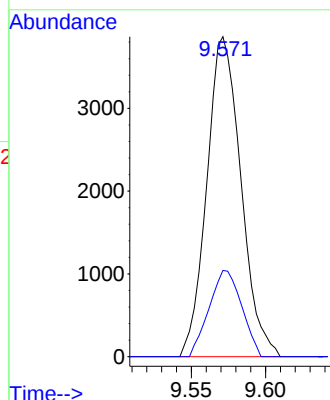
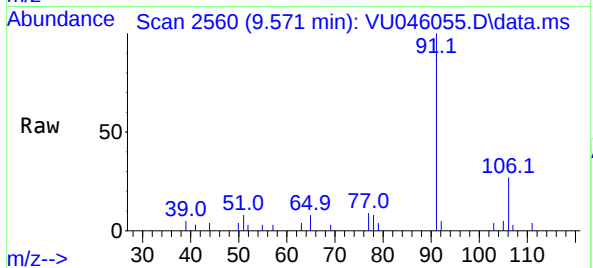
106 26.9 21.1 39.3

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#53

m,p-Xylene

Concen: 1.037 ug/L

RT: 9.693 min Scan# 2598

Delta R.T. -0.003 min

Lab File: VU046055.D

Acq: 02 Dec 2021 16:19

Tgt Ion:106 Resp: 3156

Ion Ratio Lower Upper

106 100

91 212.9 144.3 268.1

