

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121222\
 Data File : VU052362.D
 Acq On : 12 Dec 2022 18:54
 Operator : JC/MD
 Sample : N5961-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5N39

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022

Quant Time: Dec 13 01:06:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 13 01:01:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	260538	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	262184	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	115289	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	91446	3.608	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	72.200%		
7) Chloroethane-d5	1.916	69	79413	4.034	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	80.600%		
11) 1,1-Dichloroethene-d2	2.568	65	38782	4.269	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	85.400%		
20) 2-Butanone-d5	4.655	46	289613	63.046	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery =	126.100%		
24) Chloroform-d	5.060	84	173080	4.648	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	93.000%		
26) 1,2-Dichloroethane-d4	5.700	65	93724	4.983	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	99.600%		
32) Benzene-d6	5.726	84	361781	4.648	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	93.000%		
36) 1,2-Dichloropropane-d6	6.687	67	119424	4.958	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	99.200%		
41) Toluene-d8	7.896	98	290131	4.120	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	82.400%		
43) trans-1,3-Dichloroprop...	8.176	79	38019	4.331	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	86.600%		
46) 2-Hexanone-d5	8.636	63	229266	61.629	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	123.260%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	112200	5.372	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	107.400%		
66) 1,2-Dichlorobenzene-d4	12.188	152	117197	5.310	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	106.200%		
Target Compounds					Qvalue	
13) Acetone	2.687	43	29228m	9.370	ug/L	
14) Carbon disulfide	2.793	76	25674	0.392	ug/L	100
21) 2-Butanone	4.732	43	27616m	5.524	ug/L	

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

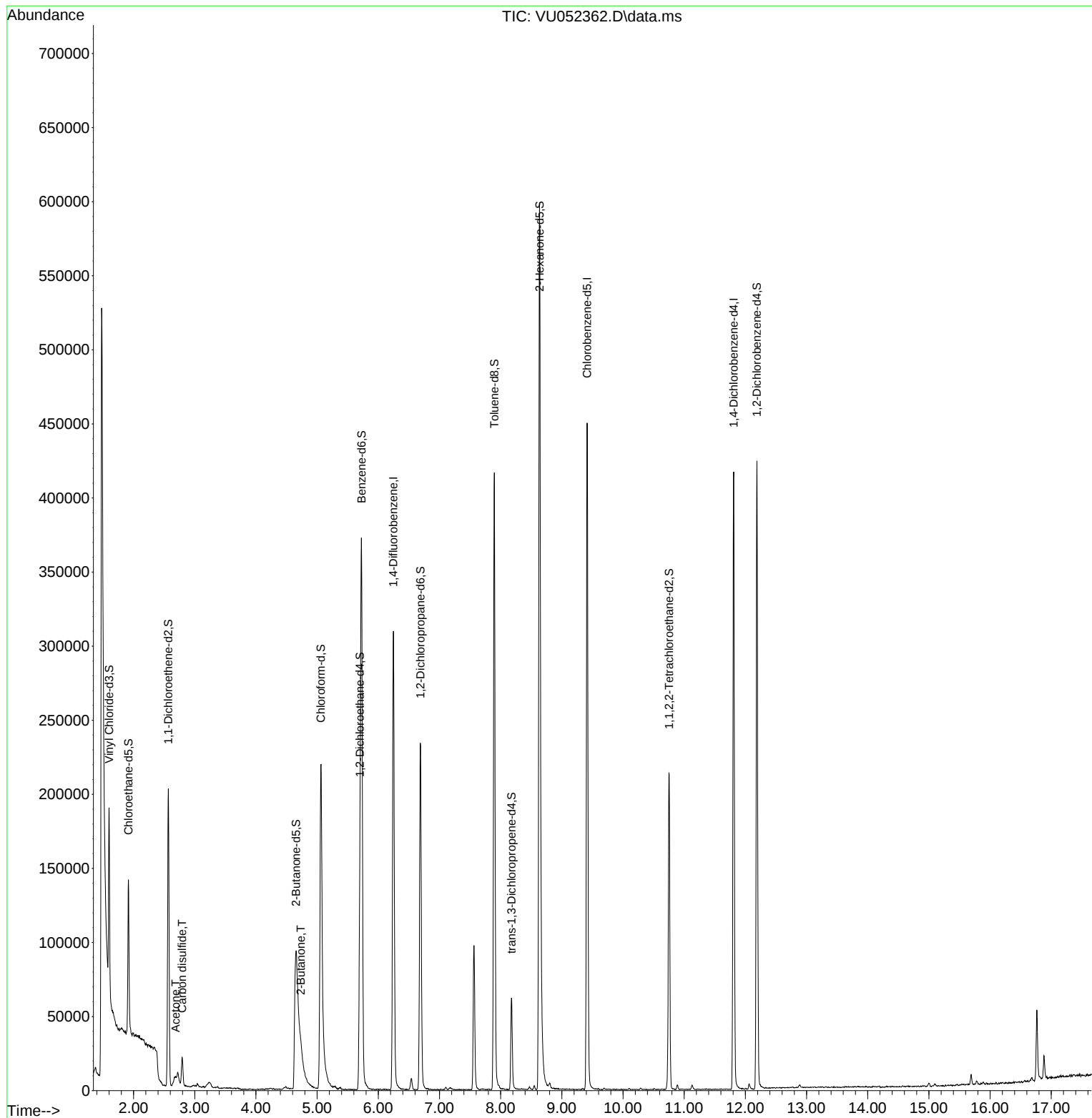
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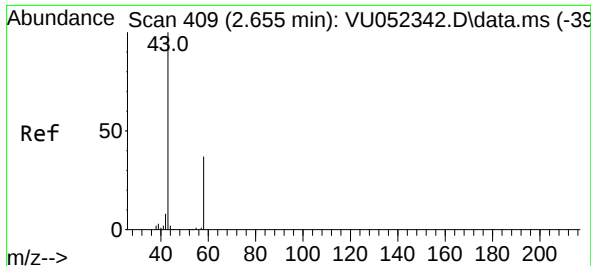
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#13

Acetone

Concen: 9.370 ug/L m

RT: 2.687 min Scan# 41

Delta R.T. 0.032 min

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F5N39

Tgt Ion: 43 Resp: 29228

Ion Ratio Lower Upper

43 100

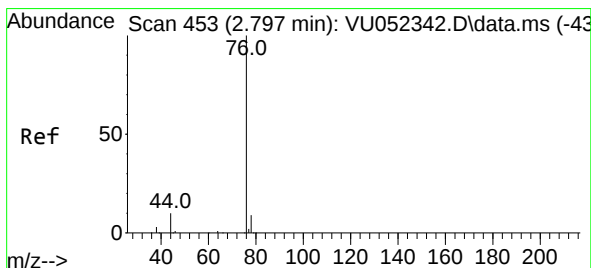
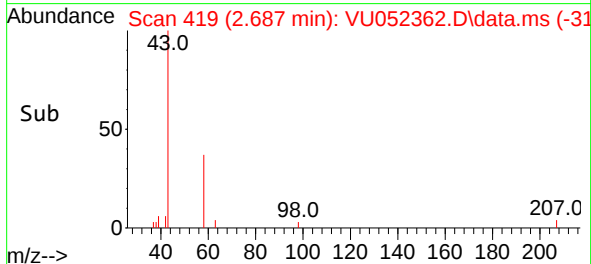
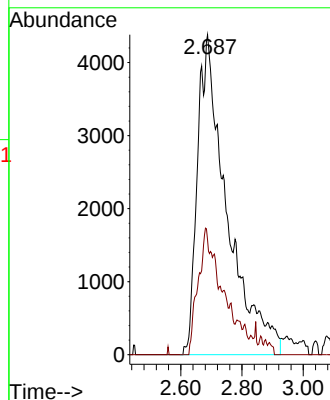
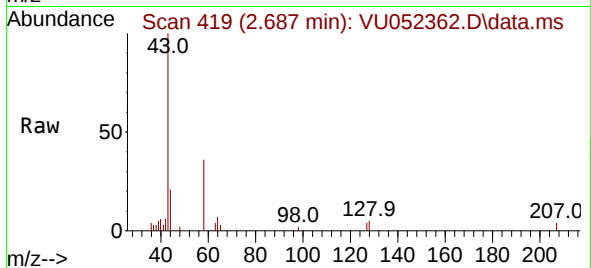
58 24.3 0.0 76.0

Manual Integrations

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#14

Carbon disulfide

Concen: 0.392 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.003 min

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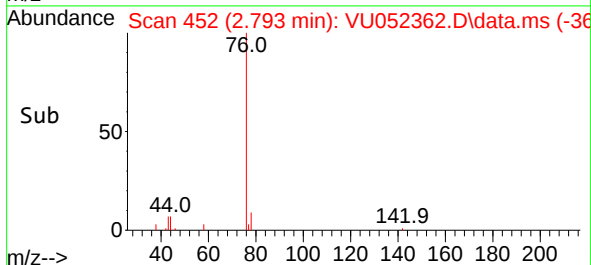
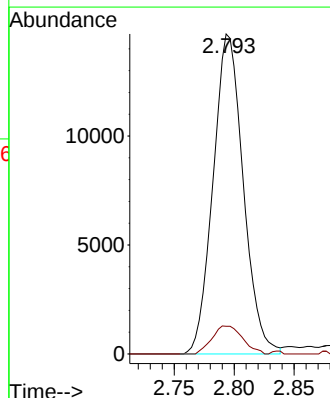
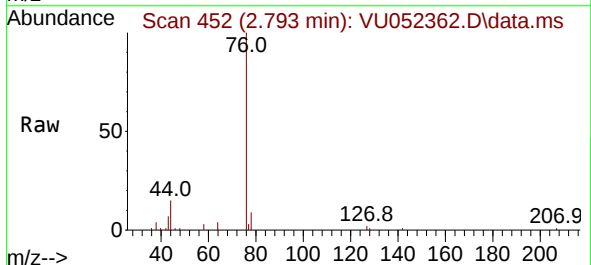
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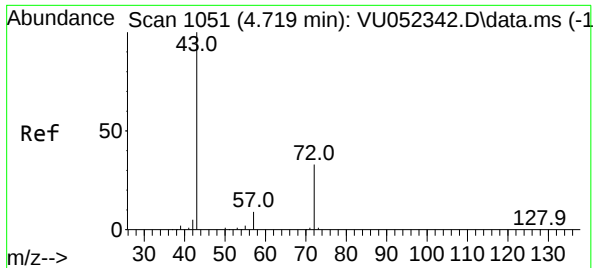
Tgt Ion: 76 Resp: 25674

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.4





#21
 2-Butanone
 Concen: 5.524 ug/L m
 RT: 4.732 min Scan# 1055
 Delta R.T. 0.013 min
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Tgt Ion: 43 Resp: 27610
 Ion Ratio Lower Upper
 43 100
 72 21.8 15.6 46.8

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