

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092321\
 Data File : VU044794.D
 Acq On : 23 Sep 2021 18:57
 Operator : SY/MD
 Sample : M3876-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW7Z1

Manual Integrations
 APPROVED

MMDadoda
 9/24/2021 11:02:43 AM

Quant Time: Sep 24 05:39:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 24 05:26:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	250003	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	241336	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	105986	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	122702	44.834	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.660%		
7) Chloroethane-d5	1.909	69	99437	45.850	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.700%		
11) 1,1-Dichloroethene-d2	2.568	63	155399	33.812	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.620%		
21) 2-Butanone-d5	4.626	46	220889	102.091	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.090%		
24) Chloroform-d	5.070	84	197394	45.667	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.340%		
26) 1,2-Dichloroethane-d4	5.706	65	139938	47.795	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.580%		
32) Benzene-d6	5.732	84	397047	47.413	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.820%		
36) 1,2-Dichloropropane-d6	6.697	67	131845	48.285	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.560%		
41) Toluene-d8	7.902	98	325756	45.076	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.160%		
43) trans-1,3-Dichloroprop...	8.182	79	54196	44.619	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.240%		
47) 2-Hexanone-d5	8.636	63	152930	101.064	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.060%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	196371	46.183	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.360%		
66) 1,2-Dichlorobenzene-d4	12.198	152	116359	50.447	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.900%		
Target Compounds					Qvalue	
13) Acetone	2.633	43	10835	4.332	ug/L	99
20) cis-1,2-Dichloroethene	4.674	96	6111	2.719	ug/L	85
34) Trichloroethene	6.549	95	2464m	1.146	ug/L	
42) Toluene	7.973	91	5198	0.572	ug/L	89

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

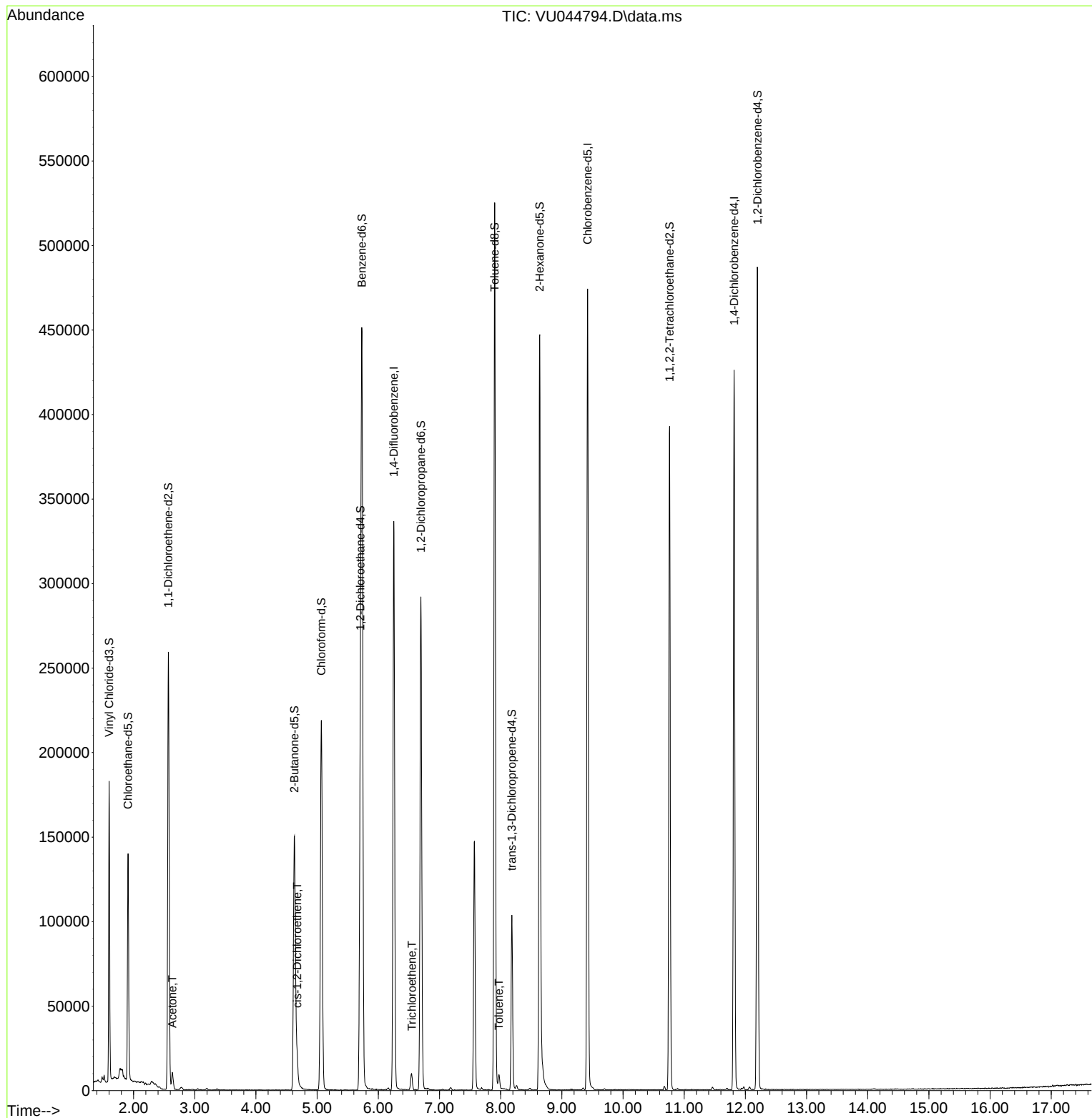
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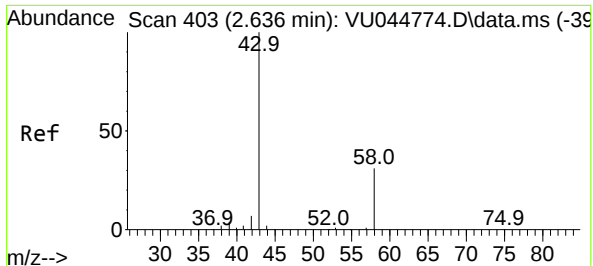
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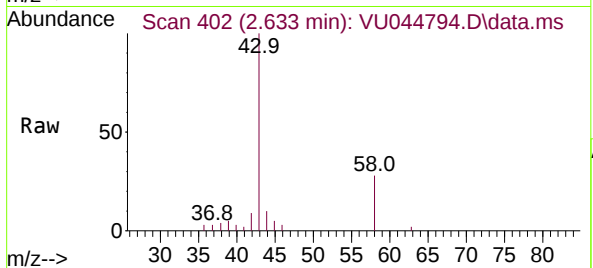
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QLast Update : Fri Sep 24 05:26:38 2021
Response via : Initial Calibration





#13
Acetone
Concen: 4.332 ug/L
RT: 2.633 min Scan# 402
Delta R.T. -0.003 min
Lab File: VU044794.D
Acq: 23 Sep 2021 18:57

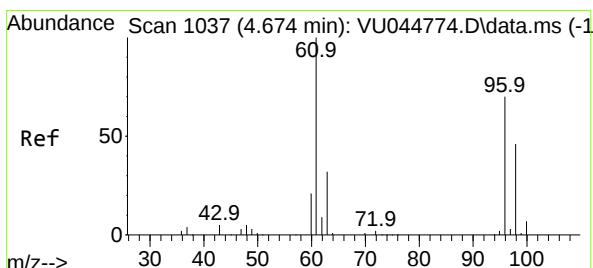
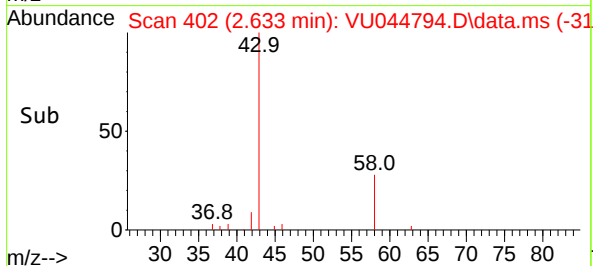
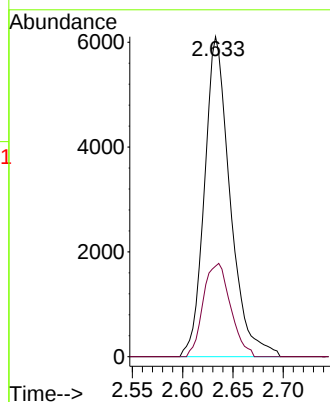
Instrument :
MSVOA_U
ClientSampled :
EW7Z1



Tgt Ion: 43 Resp: 10835
Ion Ratio Lower Upper
43 100
58 30.9 0.0 62.8

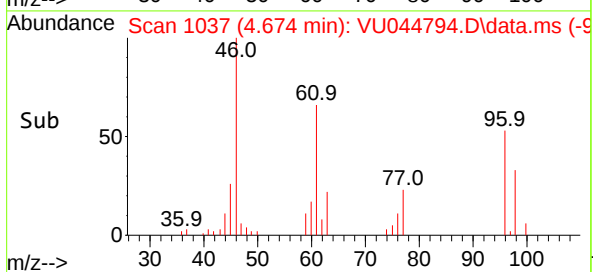
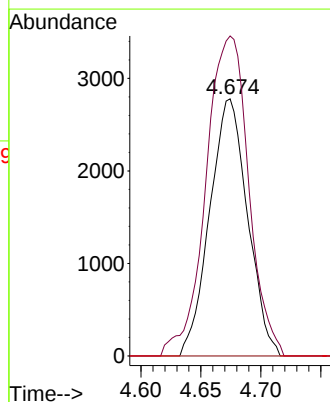
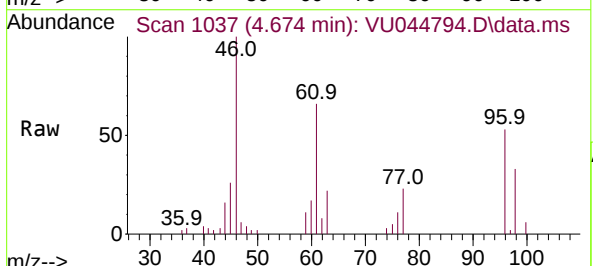
Manual Integrations
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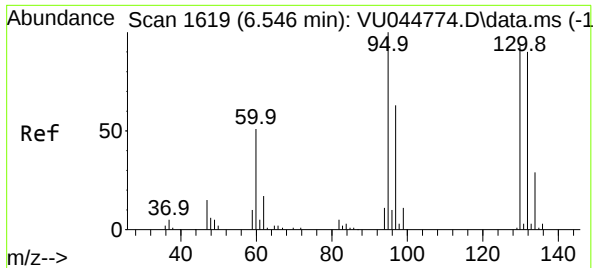
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#20
cis-1,2-Dichloroethene
Concen: 2.719 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU044794.D
Acq: 23 Sep 2021 18:57

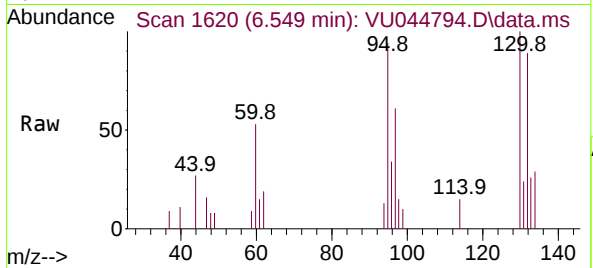
Tgt Ion: 96 Resp: 6111
Ion Ratio Lower Upper
96 100
61 124.4 100.2 186.0
68 0.0 0.0 0.0





#34
Trichloroethene
Concen: 1.146 ug/L m
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU044794.D
Acq: 23 Sep 2021 18:57

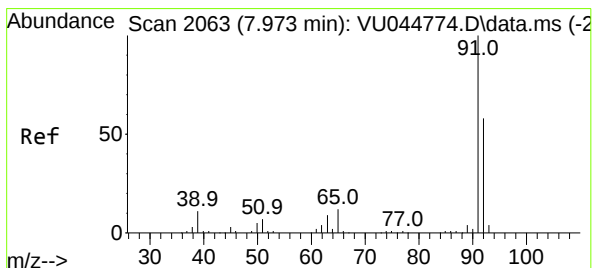
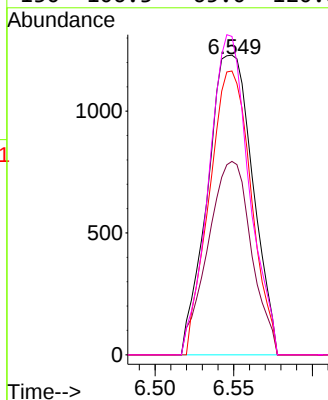
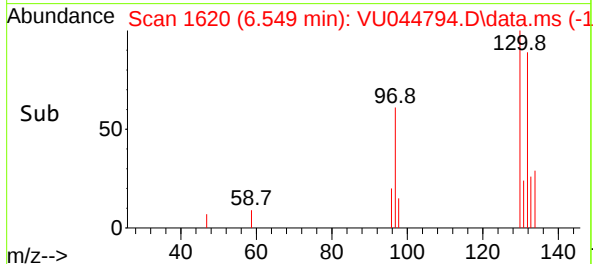
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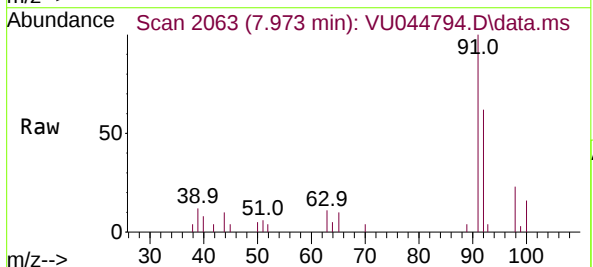
Tgt Ion: 95 Resp: 2464
Ion Ratio Lower Upper
95 100
97 64.6 44.4 82.4
132 94.7 62.9 116.9
130 106.3 65.0 120.8

Manual Integrations
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#42
Toluene
Concen: 0.572 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU044794.D
Acq: 23 Sep 2021 18:57



Tgt Ion: 91 Resp: 5198
Ion Ratio Lower Upper
91 100
92 65.8 40.5 75.1

