

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043940.D
 Acq On : 25 May 2021 04:23
 Operator : SY/MD
 Sample : M2464-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB450

Manual Integrations
 APPROVED

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 5/26/2021 12:28:02 PM

Quant Time: May 25 07:48:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 07:46:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	162846	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	171206	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	73413	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	56733	6.26	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 125.20%			
7) Chloroethane-d5	1.922	69	41585	6.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 127.20%			
11) 1,1-Dichloroethene-d2	2.575	65	26335	5.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 119.40%			
20) 2-Butanone-d5	4.649	46	129694	45.13	ug/L	-0.05
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.26%			
24) Chloroform-d	5.073	84	119477	5.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 114.20%			
26) 1,2-Dichloroethane-d4	5.713	65	64666	6.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 120.80%			
32) Benzene-d6	5.739	84	244157	5.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 112.40%			
36) 1,2-Dichloropropane-d6	6.700	67	78603	5.68	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 113.60%			
41) Toluene-d8	7.906	98	202363	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.20%			
43) trans-1,3-Dichloroprop...	8.185	79	27222	5.15	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.00%			
46) 2-Hexanone-d5	8.648	63	131965	57.02	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 114.04%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	72980	5.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 114.80%			
66) 1,2-Dichlorobenzene-d4	12.198	152	83876	6.29	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 125.80%#			
Target Compounds						Qvalue
13) Acetone	2.658	43	2189m	1.44	ug/L	
29) 1,1,1-Trichloroethane	5.327	97	5182	0.29	ug/L	94
42) Toluene	7.976	91	3837	0.08	ug/L	94
47) Tetrachloroethene	8.558	164	8724	0.84	ug/L	96
49) Dibromochloromethane	8.816	129	810	0.07	ug/L	86

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

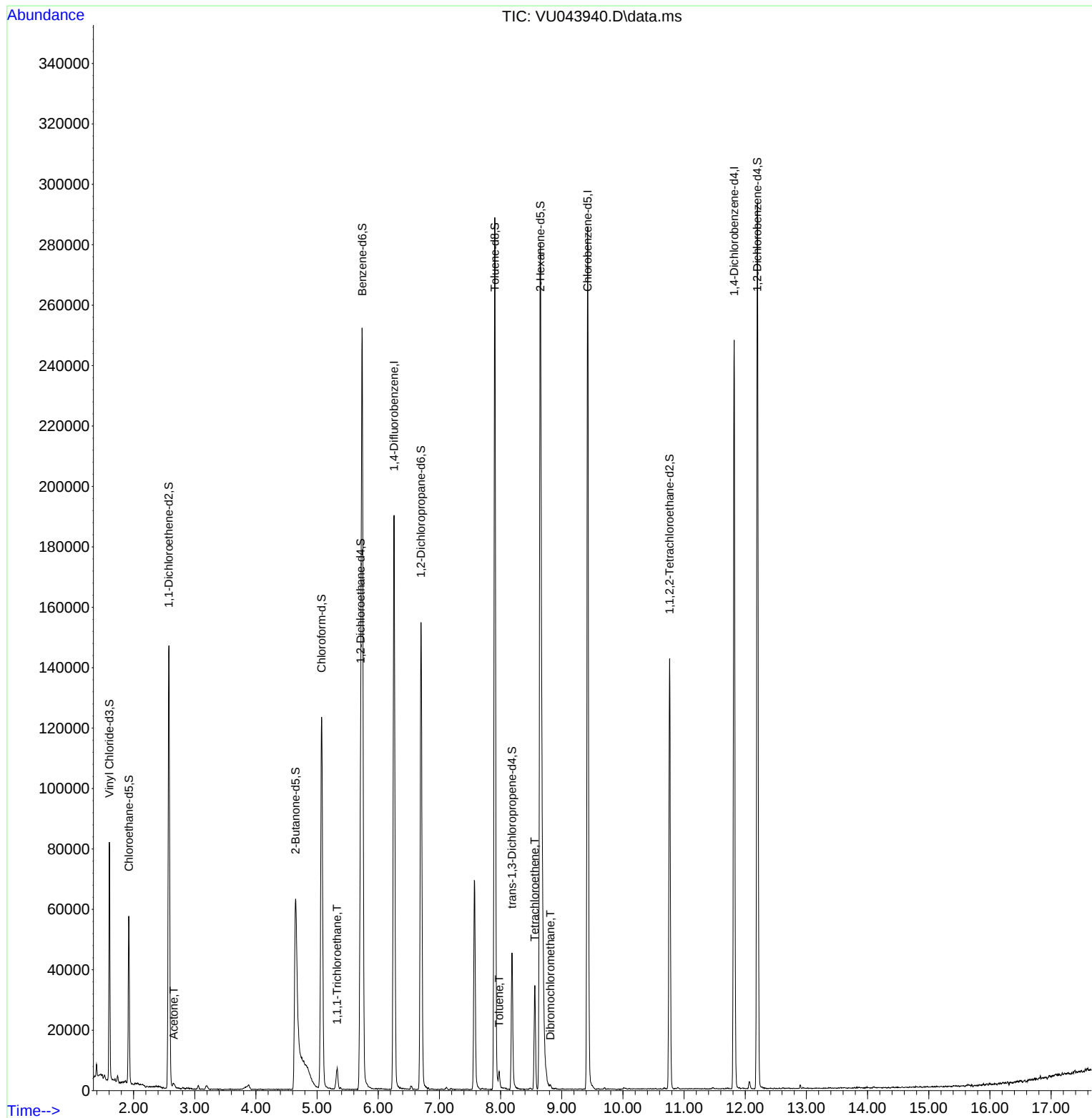
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
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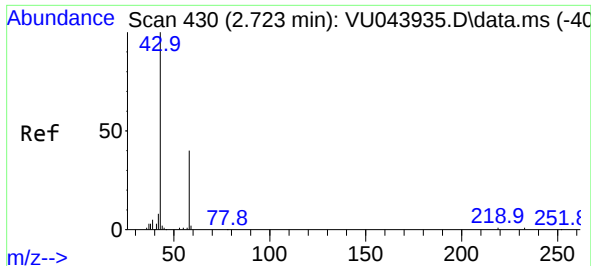
Instrument :
MSVOA_U
ClientSampleId :
GB450

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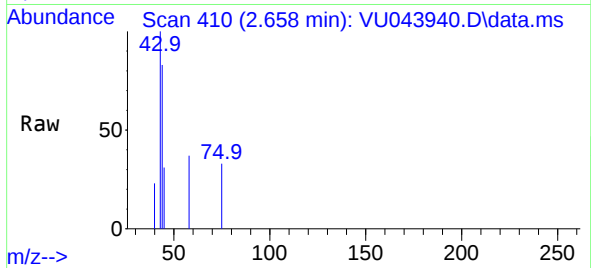
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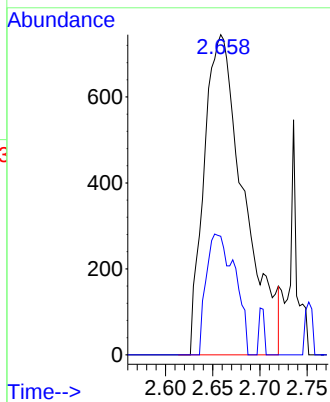
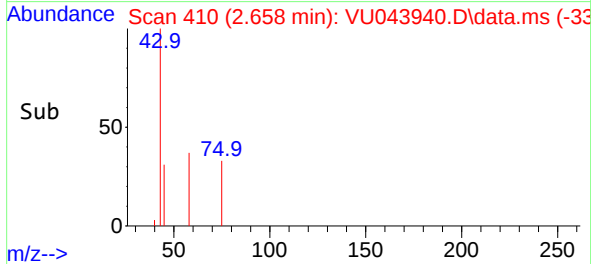




#13
Acetone
Concen: 1.44 ug/L m
RT: 2.658 min Scan# 410
Delta R.T. -0.064 min
Lab File: VU043940.D
Acq: 25 May 2021 04:23



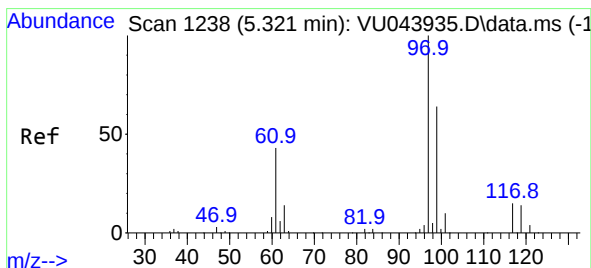
Tgt Ion: 43 Resp: 2189
Ion Ratio Lower Upper
43 100
58 2.9 0.0 46.2



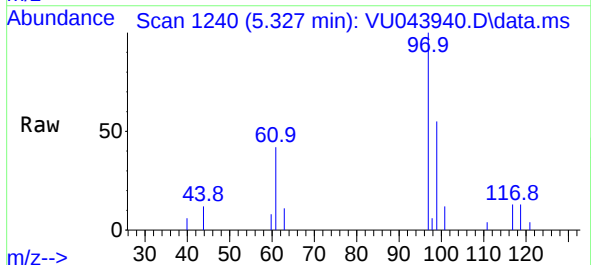
Instrument :
MSVOA_U
ClientSampled :
GB450

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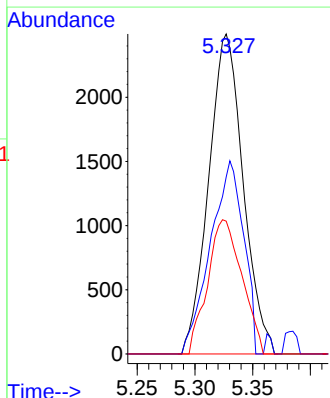
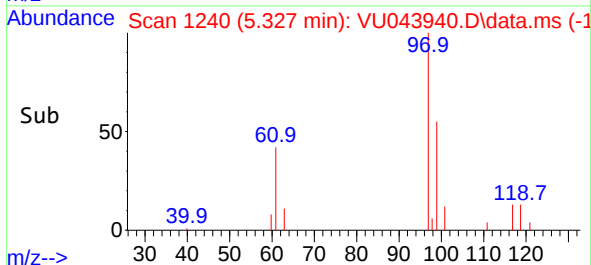
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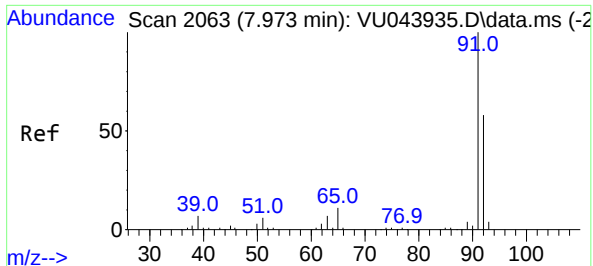


#29
1,1,1-Trichloroethane
Concen: 0.29 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.007 min
Lab File: VU043940.D
Acq: 25 May 2021 04:23



Tgt Ion: 97 Resp: 5182
Ion Ratio Lower Upper
97 100
99 58.2 51.9 77.9
61 41.7 34.7 52.1





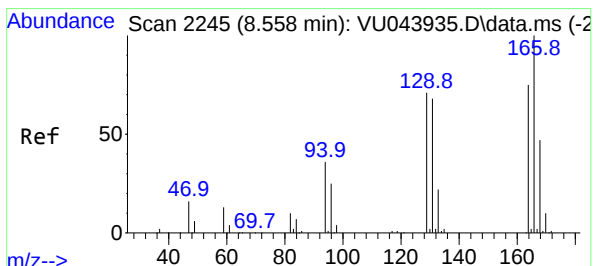
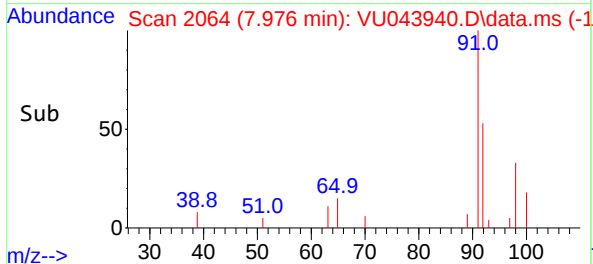
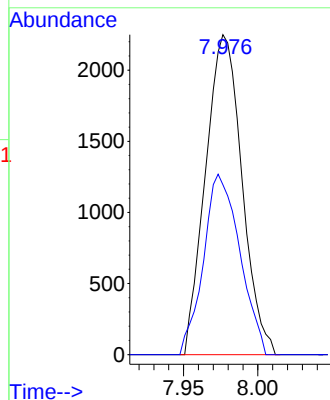
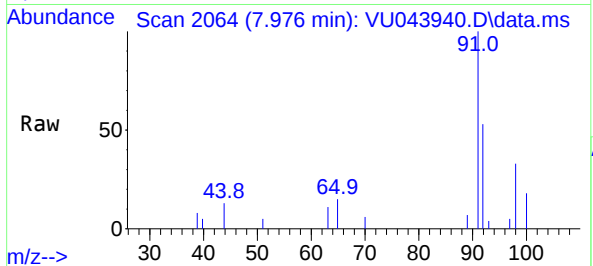
#42
Toluene
Concen: 0.08 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VU043940.D
Acq: 25 May 2021 04:23

Tgt Ion: 91 Resp: 3837
Ion Ratio Lower Upper
91 100
92 53.1 40.5 75.1

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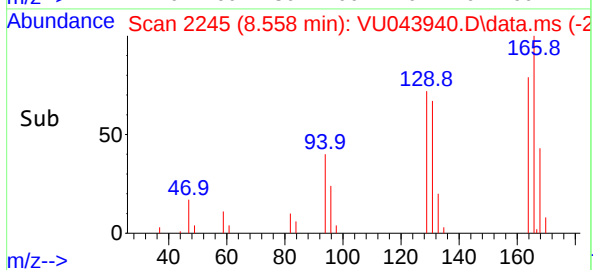
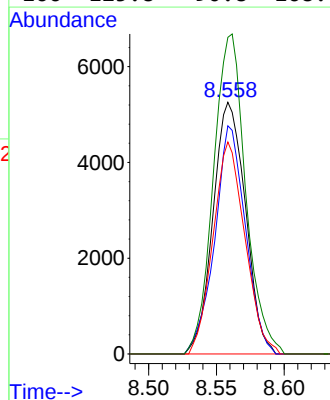
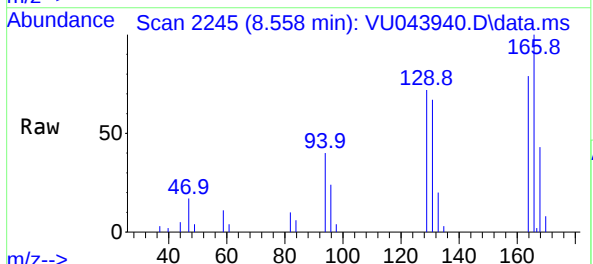
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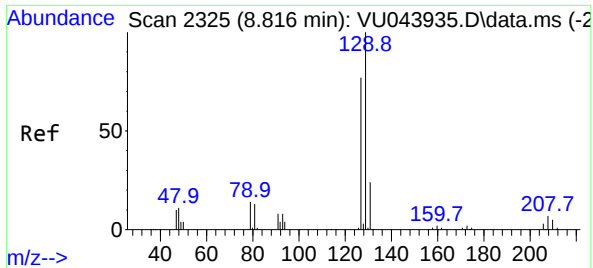
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#47
Tetrachloroethene
Concen: 0.84 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043940.D
Acq: 25 May 2021 04:23

Tgt Ion: 164 Resp: 8724
Ion Ratio Lower Upper
164 100
129 90.7 64.1 119.1
131 84.3 64.5 119.9
166 125.8 90.8 168.6





#49
 Dibromochloromethane
 Concen: 0.07 ug/L
 RT: 8.816 min Scan# 2325
 Delta R.T. 0.000 min
 Lab File: VU043940.D
 Acq: 25 May 2021 04:23

Tgt Ion:129 Resp: 810
 Ion Ratio Lower Upper
 129 100
 127 65.0 54.1 100.5

Instrument :
 MSVOA_U
 ClientSampleId :
 GB450

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