

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043953.D
 Acq On : 25 May 2021 11:00
 Operator : SY/MD
 Sample : M2494-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB421

Manual Integrations
 APPROVED

MMDadoda
 5/26/2021 12:28:18 PM

Quant Time: May 25 14:29:06 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	229271	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	240549	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	104352	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	60831	4.77	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.40%			
7) Chloroethane-d5	1.922	69	45681	4.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.20%			
11) 1,1-Dichloroethene-d2	2.575	65	29600	4.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.40%			
20) 2-Butanone-d5	4.649	46	183153m	45.26	ug/L	-0.05
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.52%			
24) Chloroform-d	5.073	84	135779	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.20%			
26) 1,2-Dichloroethane-d4	5.713	65	72424	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.00%			
32) Benzene-d6	5.739	84	273603	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.60%			
36) 1,2-Dichloropropane-d6	6.700	67	88379	4.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.80%			
41) Toluene-d8	7.906	98	232536	4.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.80%			
43) trans-1,3-Dichloroprop...	8.185	79	31667	4.27	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.40%			
46) 2-Hexanone-d5	8.648	63	151634	46.63	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.26%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	81452	4.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.20%			
66) 1,2-Dichlorobenzene-d4	12.201	152	98309	5.18	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.60%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.588	96	45187	3.05	ug/L	# 68
19) 1,1-Dichloroethane	3.883	63	12794	0.48	ug/L	98
29) 1,1,1-Trichloroethane	5.327	97	65501	2.63	ug/L	98
47) Tetrachloroethene	8.558	164	73159	5.01	ug/L	99

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

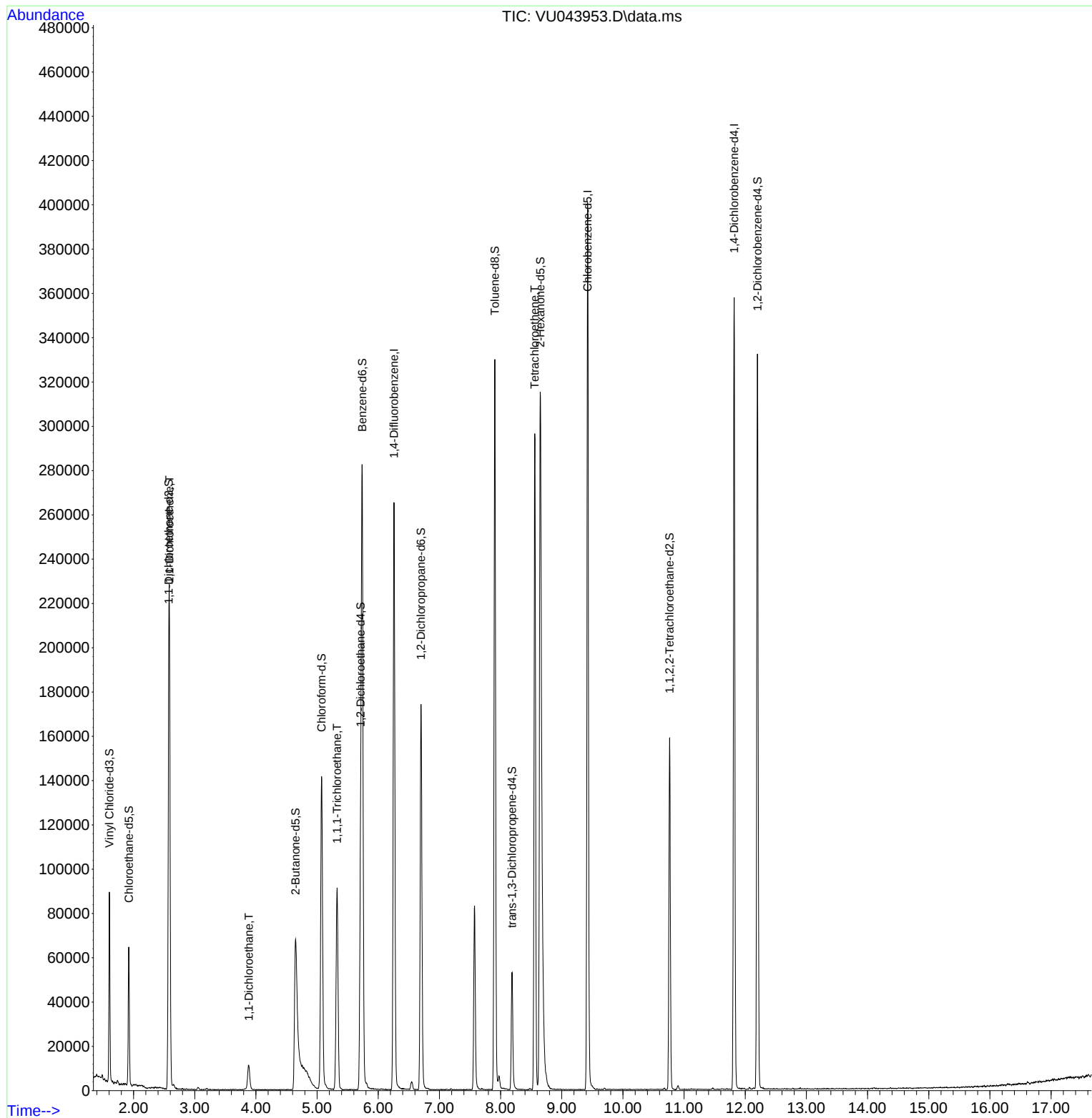
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
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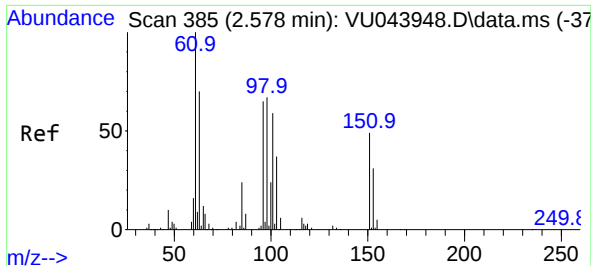
Instrument :
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Quant Title : TRACE VOA SFAM1.0
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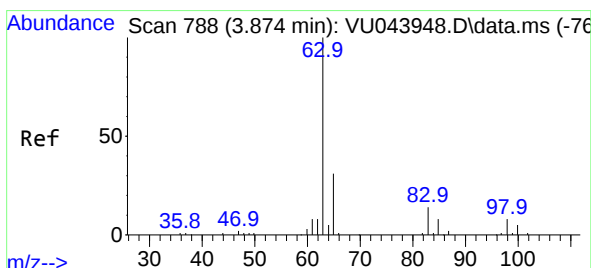
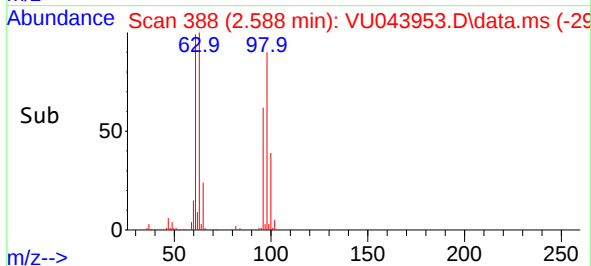
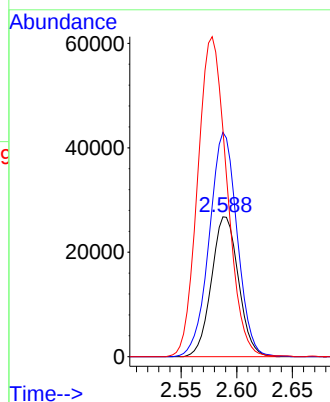
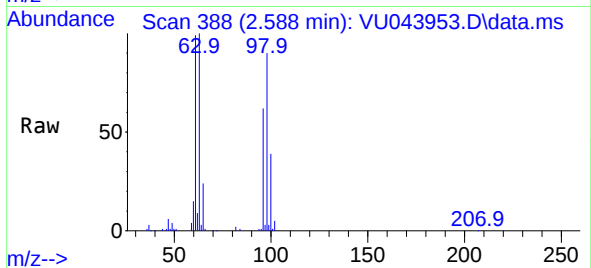
#12
1,1-Dichloroethene
Concen: 3.05 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.010 min
Lab File: VU043953.D
Acq: 25 May 2021 11:00

Tgt Ion: 96 Resp: 45187
Ion Ratio Lower Upper
96 100
61 160.3 105.1 195.3
63 162.4 66.6 123.6#

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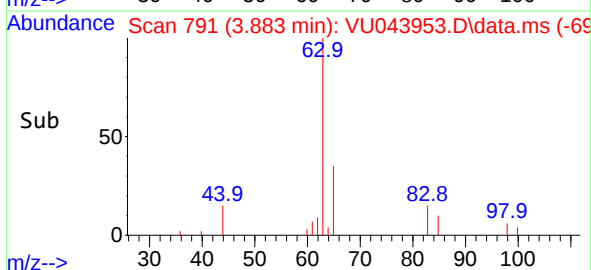
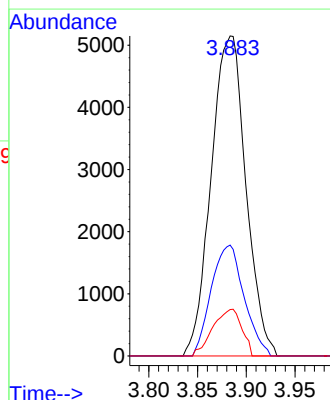
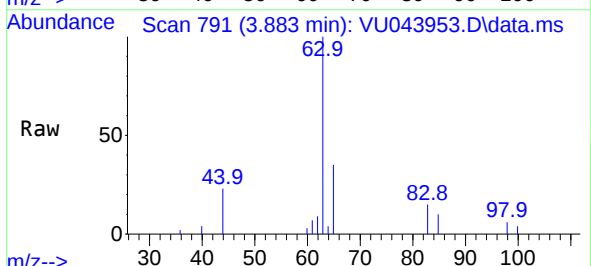
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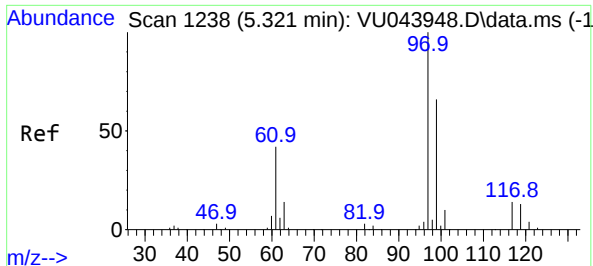
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#19
1,1-Dichloroethane
Concen: 0.48 ug/L
RT: 3.883 min Scan# 791
Delta R.T. 0.010 min
Lab File: VU043953.D
Acq: 25 May 2021 11:00

Tgt Ion: 63 Resp: 12794
Ion Ratio Lower Upper
63 100
65 34.7 23.2 43.2
83 14.5 9.7 18.1





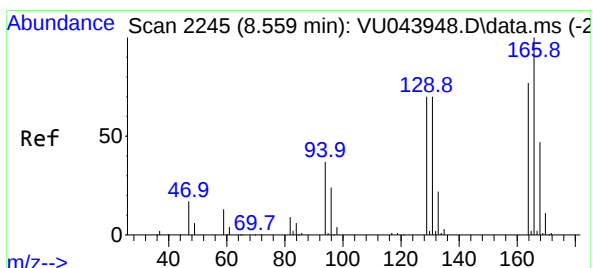
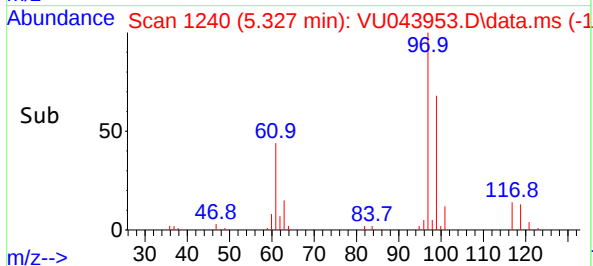
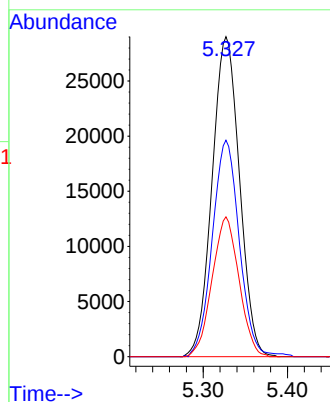
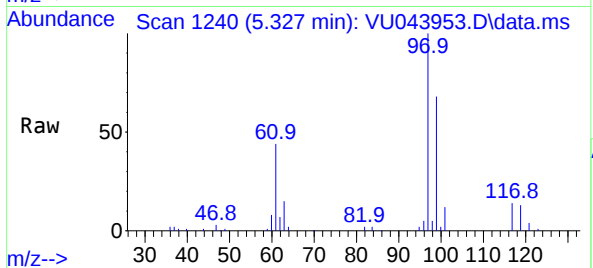
#29
1,1,1-Trichloroethane
Concen: 2.63 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VU043953.D
Acq: 25 May 2021 11:00

Tgt Ion:	97	Resp:	65501
Ion	Ratio	Lower	Upper
97	100		
99	66.9	51.9	77.9
61	42.9	34.7	52.1

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#47
Tetrachloroethene
Concen: 5.01 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043953.D
Acq: 25 May 2021 11:00

Tgt Ion:	164	Resp:	73159
Ion	Ratio	Lower	Upper
164	100		
129	93.0	64.1	119.1
131	89.5	64.5	119.9
166	129.7	90.8	168.6

