

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
 Data File : VU043747.D
 Acq On : 14 May 2021 11:40
 Operator : SY/MD
 Sample : M2350-02DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG6L5DL

Quant Time: May 14 14:42:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 14 04:42:41 2021
 Response via : Initial Calibration

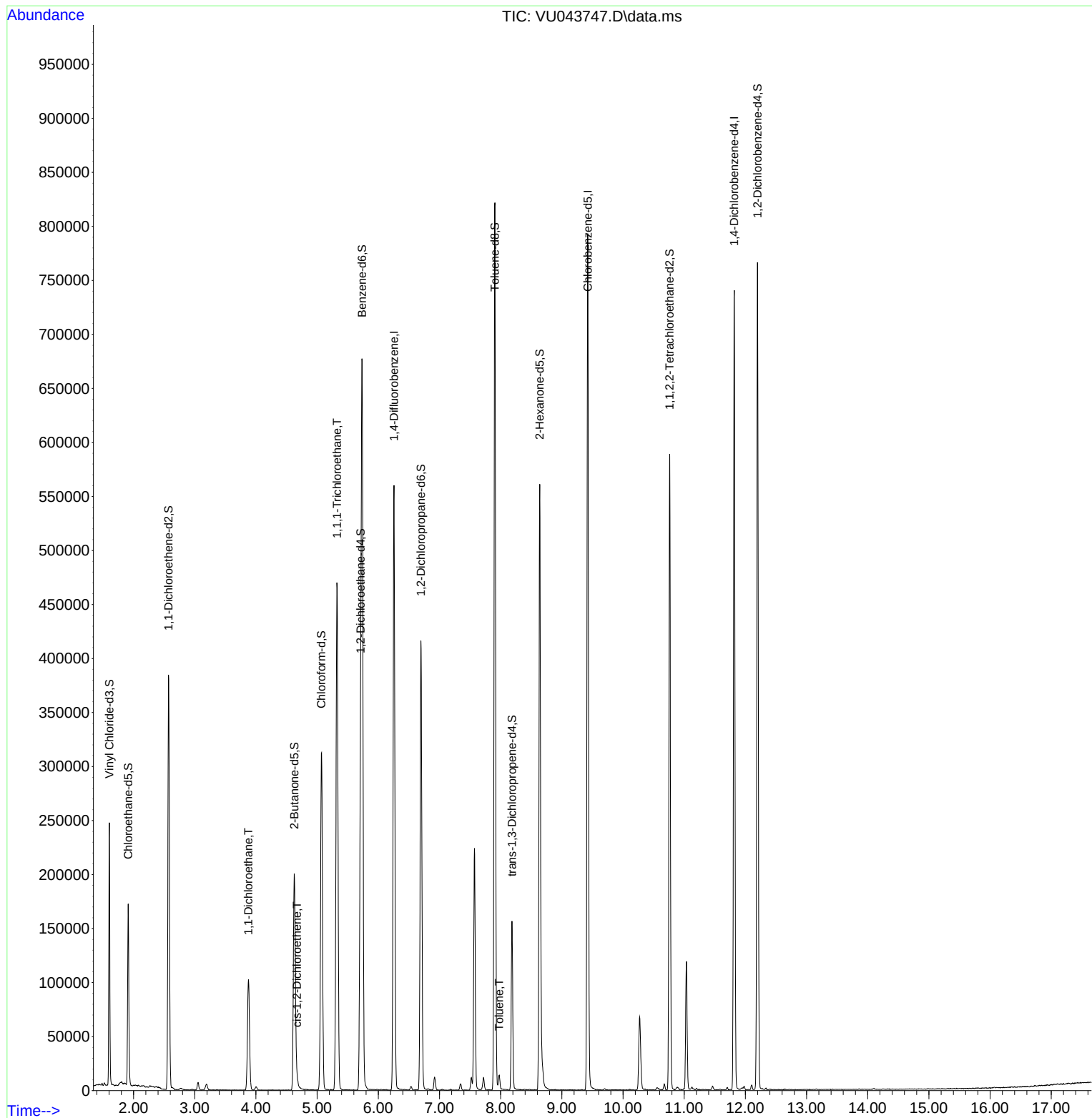
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	451509	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	436382	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	201802	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	166153	44.44	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	88.88%	
7) Chloroethane-d5	1.912	69	125991	46.87	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	93.74%	
11) 1,1-Dichloroethene-d2	2.572	63	223098	35.05	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	70.10%	
21) 2-Butanone-d5	4.626	46	293353	100.31	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	100.31%	
24) Chloroform-d	5.070	84	297219	46.86	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.72%	
26) 1,2-Dichloroethane-d4	5.710	65	191407	48.67	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.34%	
32) Benzene-d6	5.735	84	631343	48.82	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.64%	
36) 1,2-Dichloropropane-d6	6.697	67	207508	49.19	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	98.38%	
41) Toluene-d8	7.906	98	546591	46.97	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	93.94%	
43) trans-1,3-Dichloroprop...	8.185	79	86202	46.74	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	93.48%	
47) 2-Hexanone-d5	8.639	63	189721	93.92	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	93.92%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	295136	46.23	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	92.46%	
66) 1,2-Dichlorobenzene-d4	12.198	152	206682	51.89	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	103.78%	
Target Compounds						
19) 1,1-Dichloroethane	3.877	63	120609	18.30	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	1907	0.51	ug/L	88
30) 1,1,1-Trichloroethane	5.324	97	338883	64.42	ug/L	99
42) Toluene	7.976	91	8474	0.55	ug/L	99

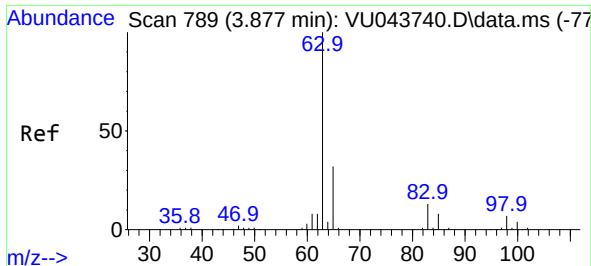
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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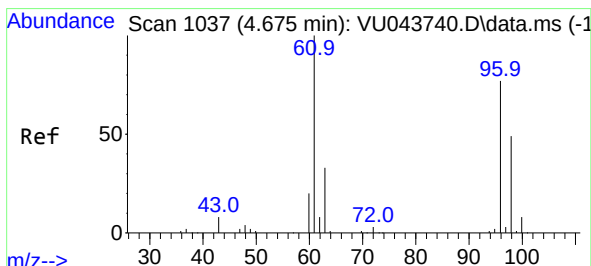
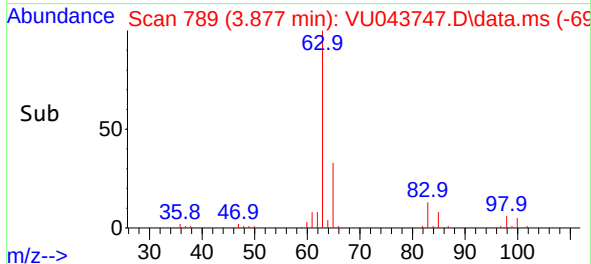
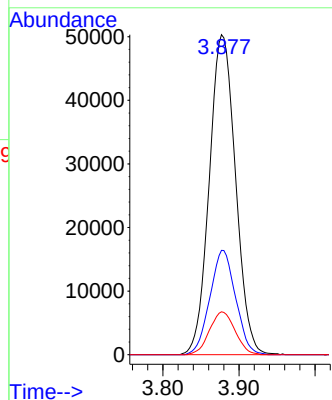
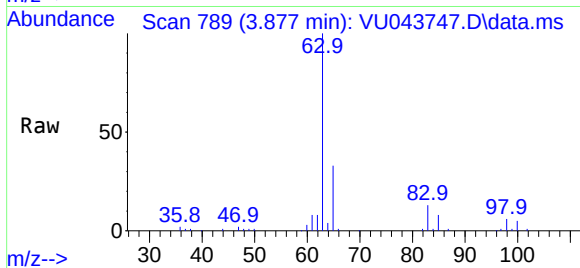




#19
1,1-Dichloroethane
Concen: 18.30 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU043747.D
Acq: 14 May 2021 11:40

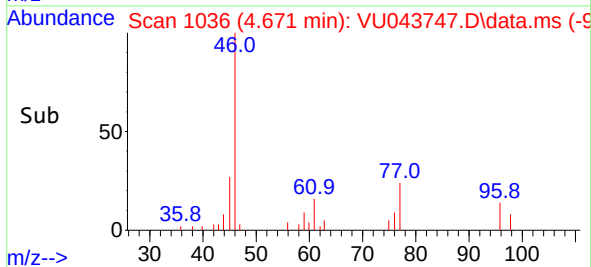
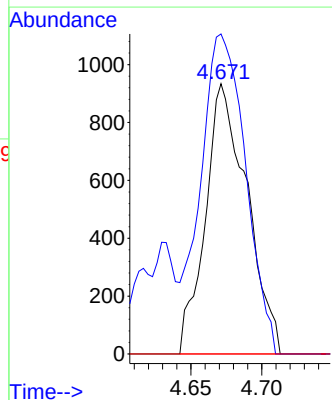
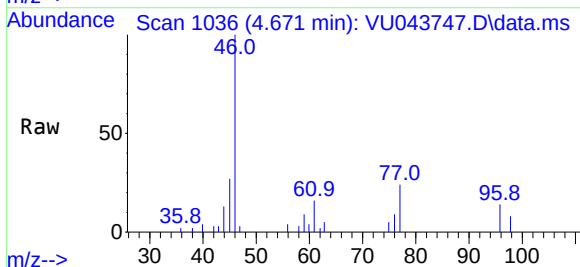
Instrument :
MSVOA_U
ClientSampled :
BG6L5DL

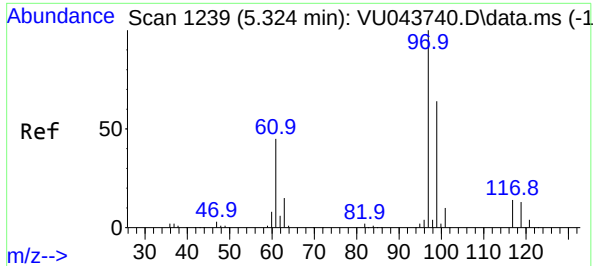
Tgt Ion:	63	Resp:	120609
Ion	Ratio	Lower	Upper
63	100		
65	32.6	22.0	41.0
83	13.4	8.7	16.1



#20
cis-1,2-Dichloroethene
Concen: 0.51 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU043747.D
Acq: 14 May 2021 11:40

Tgt Ion:	96	Resp:	1907
Ion	Ratio	Lower	Upper
96	100		
61	118.4	93.1	172.9
68	0.0	0.0	0.0

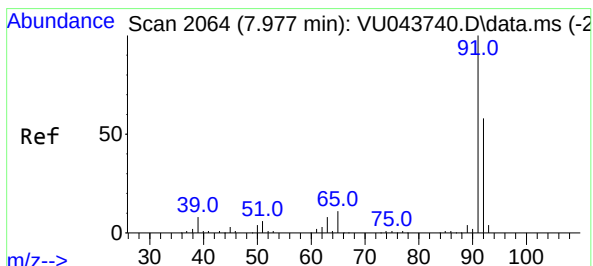
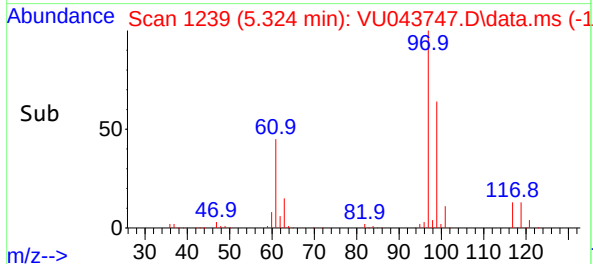
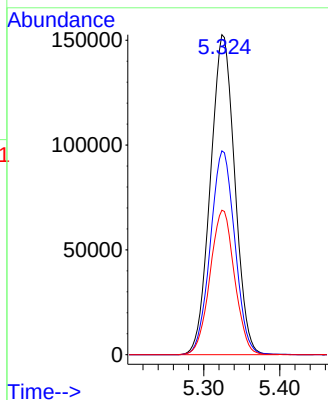
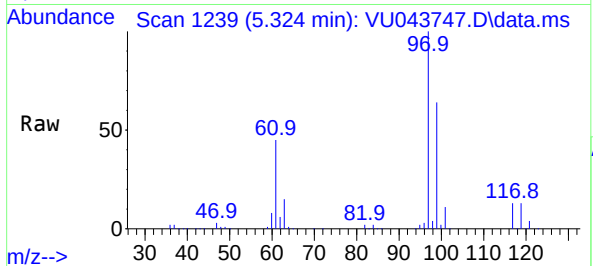




#30
1,1,1-Trichloroethane
Concen: 64.42 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VU043747.D
Acq: 14 May 2021 11:40

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ClientSampleId :
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Tgt Ion:	97	Resp:	338883
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.7	77.5
61	45.6	36.9	55.3



#42
Toluene
Concen: 0.55 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043747.D
Acq: 14 May 2021 11:40

Tgt Ion:	91	Resp:	8474
Ion	Ratio	Lower	Upper
91	100		
92	55.9	39.7	73.7

