

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033021\
 Data File : VU042835.D
 Acq On : 30 Mar 2021 13:14
 Operator : SY/MD
 Sample : M1846-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR11

Quant Time: Mar 31 02:09:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Mar 31 02:07:34 2021
 Response via : Initial Calibration

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

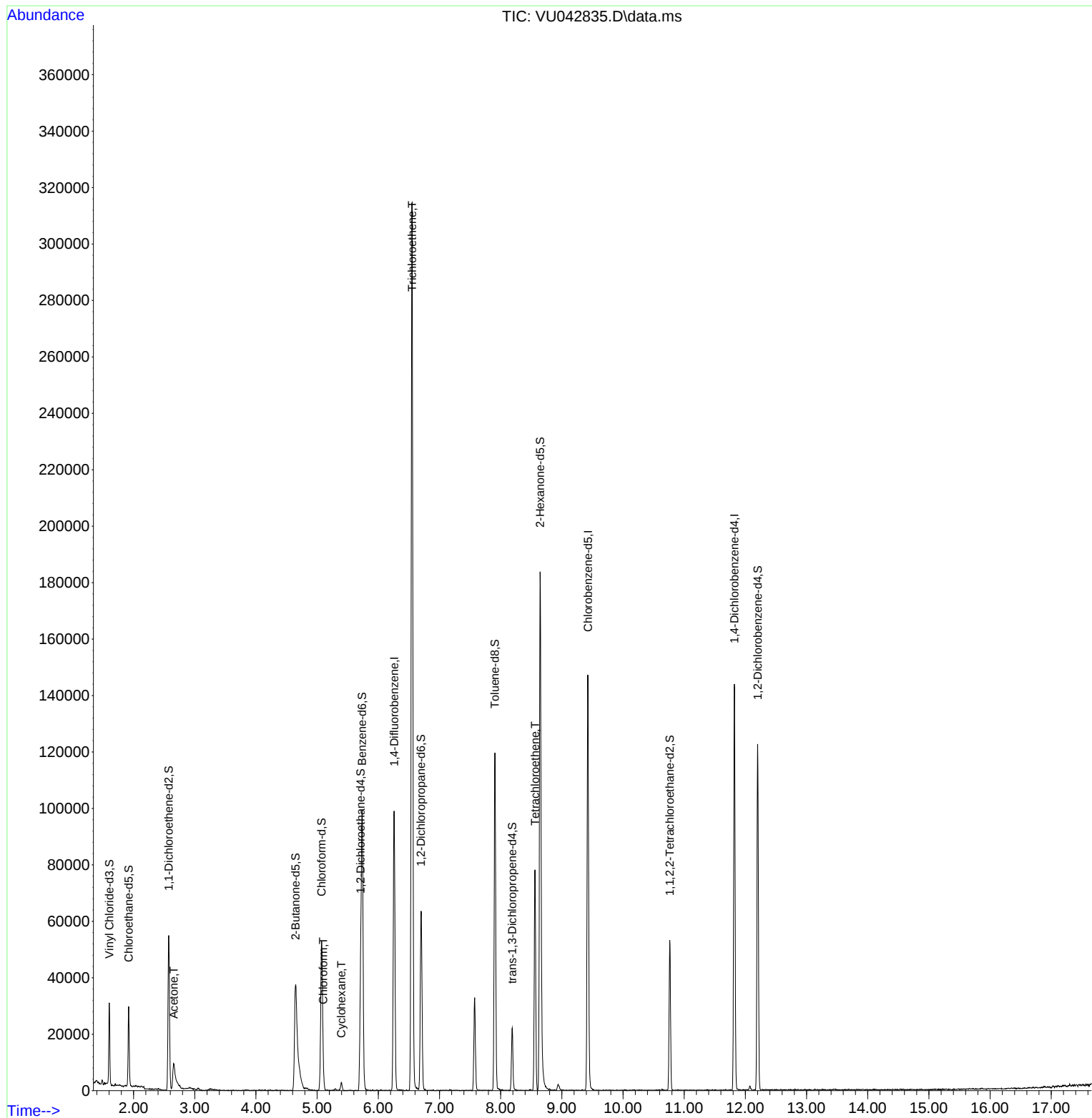
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	74733	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	75343	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	35490	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	19184	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	1.919	69	18665	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.575	63	34249	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	4.649	46	88045	53.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.64%
24) Chloroform-d	5.073	84	45947	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.713	65	28611	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.735	84	81113	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.700	67	28013	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.906	98	74181	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloroprop...	8.189	79	11347	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.645	63	60363	45.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.56%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	24142	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	31686	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%
Target Compounds						Qvalue
13) Acetone	2.655	43	21698	17.21	ug/L	87
25) Chloroform	5.099	83	2402	0.21	ug/L	97
30) Cyclohexane	5.395	56	1022	0.10	ug/L #	93
34) Trichloroethene	6.552	95	100834	15.43	ug/L	97
47) Tetrachloroethene	8.562	164	16424	3.08	ug/L	98

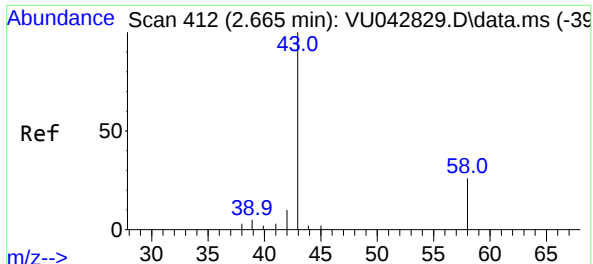
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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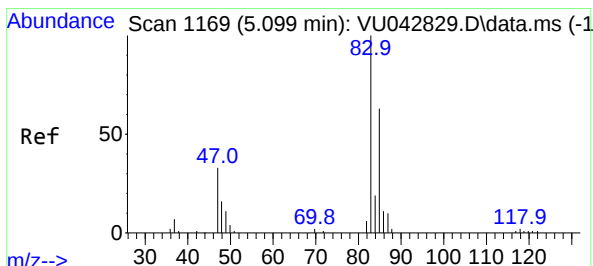
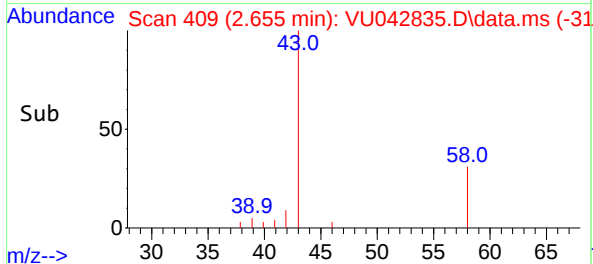
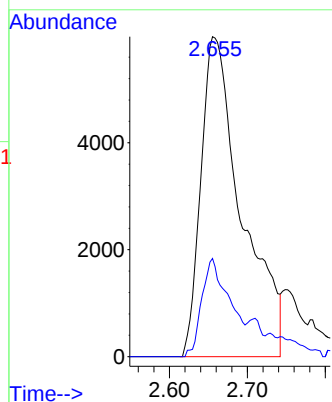
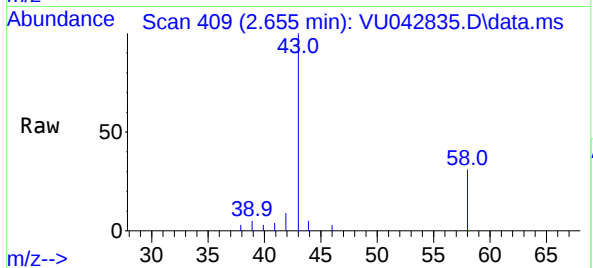




#13
Acetone
Concen: 17.21 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.010 min
Lab File: VU042835.D
Acq: 30 Mar 2021 13:14

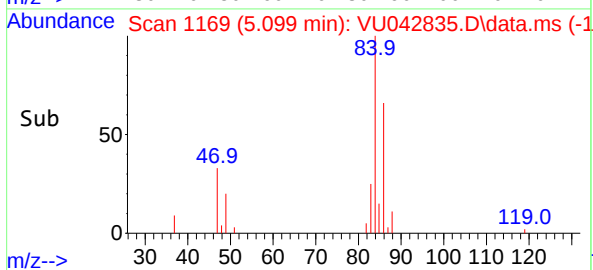
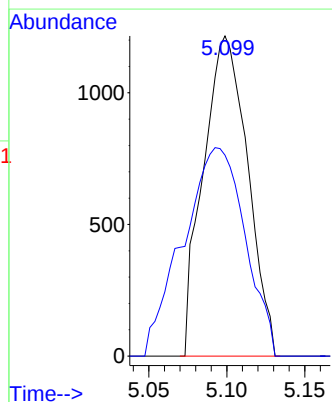
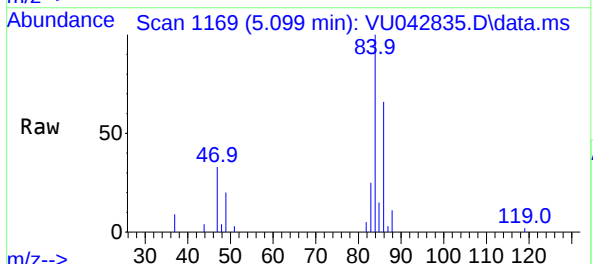
Instrument :
MSVOA_U
ClientSampleId :
YAR11

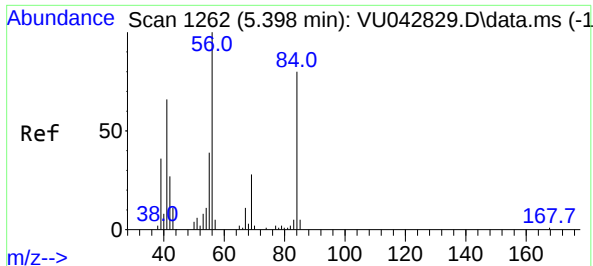
Tgt Ion: 43 Resp: 21698
Ion Ratio Lower Upper
43 100
58 21.1 0.0 55.8



#25
Chloroform
Concen: 0.21 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU042835.D
Acq: 30 Mar 2021 13:14

Tgt Ion: 83 Resp: 2402
Ion Ratio Lower Upper
83 100
85 62.7 45.7 84.9





#30

Cyclohexane

Concen: 0.10 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. -0.003 min

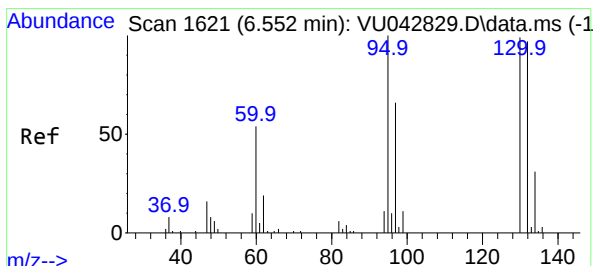
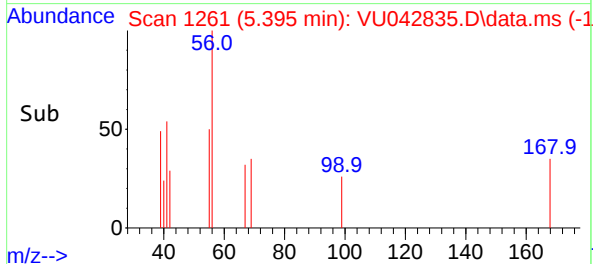
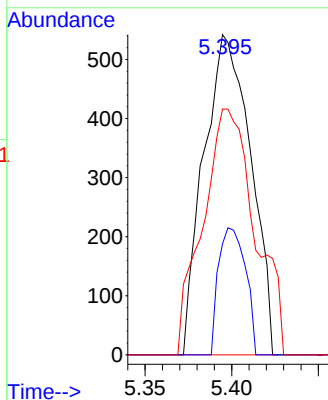
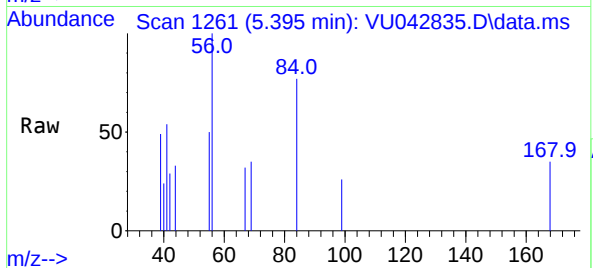
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Acq: 30 Mar 2021 13:14

Instrument :
MSVOA_U
ClientSampled :
YAR11

Tgt Ion: 56 Resp: 1022

Ion	Ratio	Lower	Upper
56	100		
69	22.7	23.7	35.5#
84	85.4	65.3	97.9



#34

Trichloroethene

Concen: 15.43 ug/L

RT: 6.552 min Scan# 1621

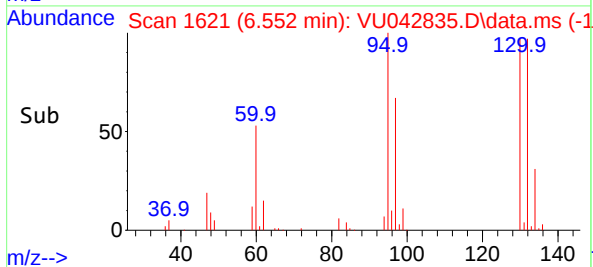
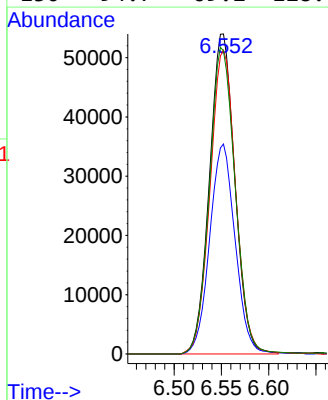
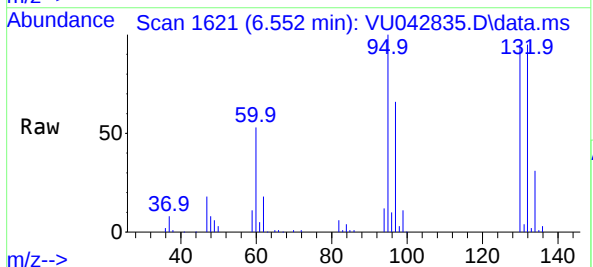
Delta R.T. 0.000 min

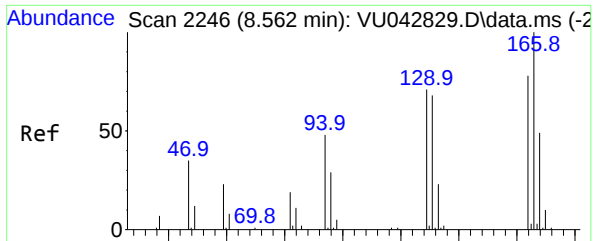
Lab File: VU042835.D

Acq: 30 Mar 2021 13:14

Tgt Ion: 95 Resp: 100834

Ion	Ratio	Lower	Upper
95	100		
97	65.6	44.4	82.4
132	95.0	68.0	126.4
130	94.7	69.2	128.4





#47
Tetrachloroethene
Concen: 3.08 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU042835.D
Acq: 30 Mar 2021 13:14

Instrument :
MSVOA_U
ClientSampleId :
YAR11

Tgt Ion:164 Resp: 16424

Ion	Ratio	Lower	Upper
164	100		
129	92.6	64.3	119.5
131	89.6	62.2	115.6
166	131.0	88.6	164.6

