

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020921\
 Data File : VU042300.D
 Acq On : 09 Feb 2021 16:30
 Operator : SY/MD
 Sample : M1351-01DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AR5DL

Quant Time: Feb 10 02:31:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 10 02:29:25 2021
 Response via : Initial Calibration

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

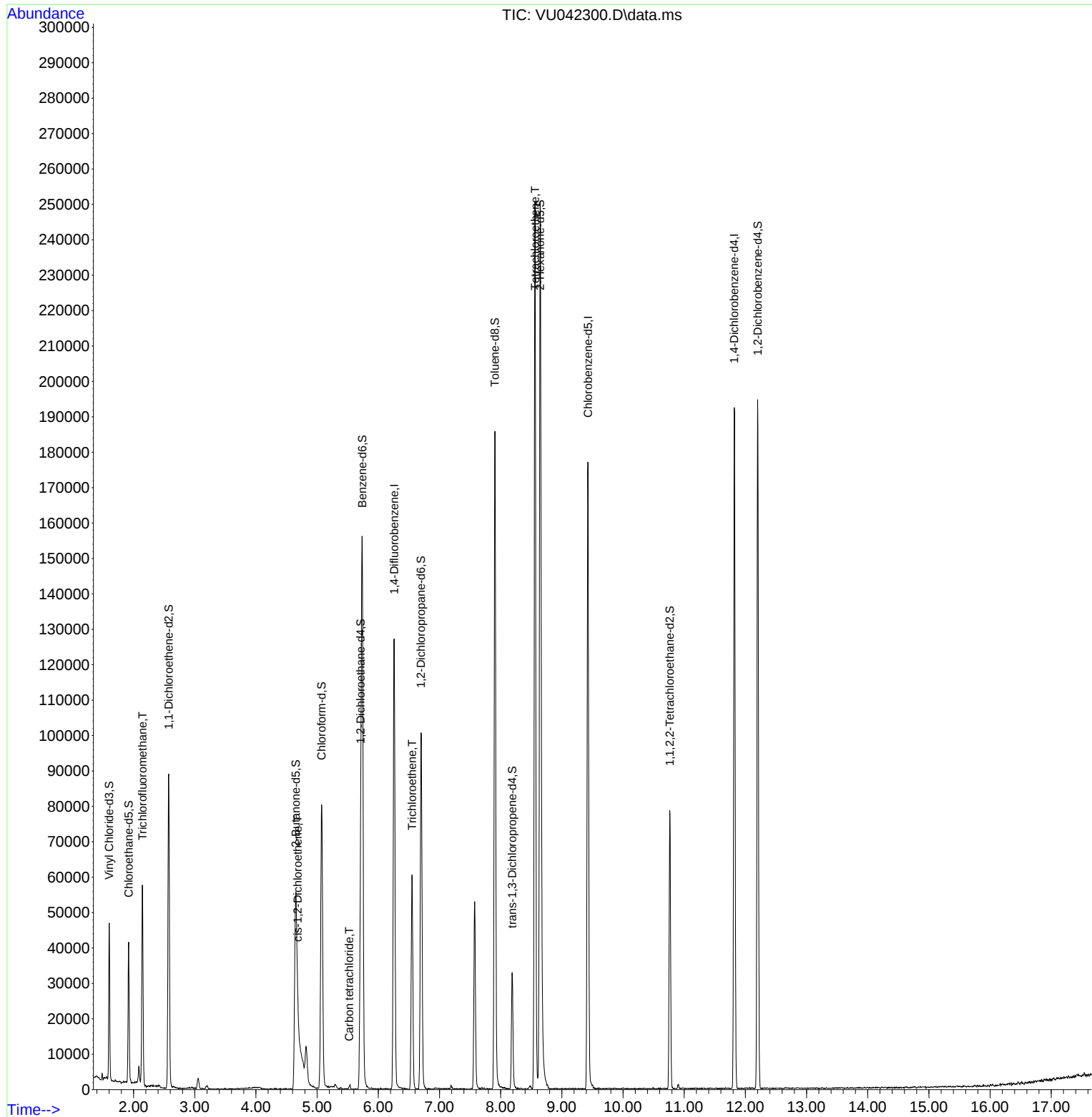
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	101099	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	94901	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	48659	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	30152	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.919	69	26746	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.575	63	55006	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	4.652	46	139670	58.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.38%
24) Chloroform-d	5.073	84	71783	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	5.713	65	45553	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.80%
32) Benzene-d6	5.739	84	132829	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
36) 1,2-Dichloropropane-d6	6.700	67	45278	5.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.20%
41) Toluene-d8	7.906	98	120109	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
43) trans-1,3-Dichloroprop...	8.189	79	18317	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.645	63	96625	54.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.54%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	36949	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	48540	5.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.00%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	34775	3.15	ug/L	100
22) cis-1,2-Dichloroethene	4.681	96	1859	0.24	ug/L	94
31) Carbon tetrachloride	5.527	117	676	0.06	ug/L	86
34) Trichloroethene	6.552	95	19401	2.58	ug/L	95
47) Tetrachloroethene	8.562	164	52897	8.45	ug/L	95

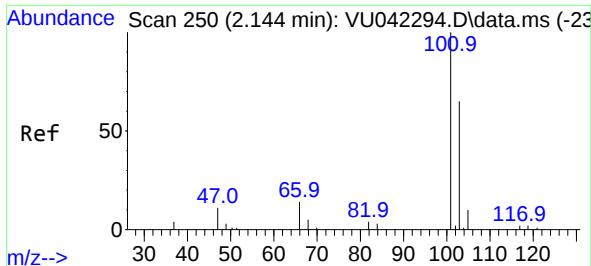
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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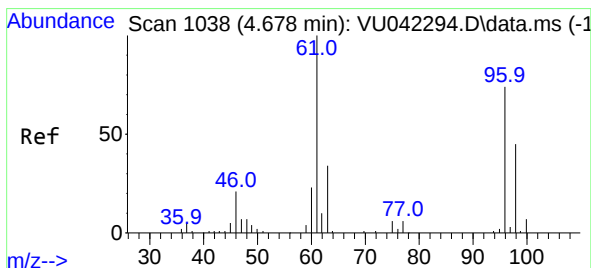
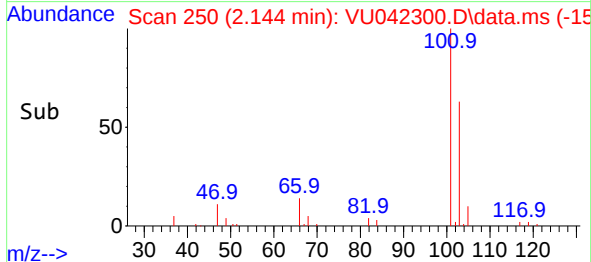
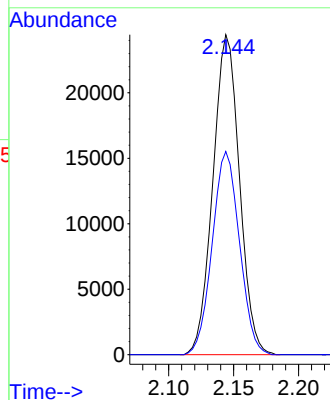
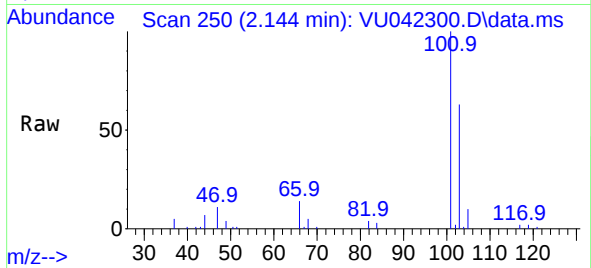




#9
Trichlorofluoromethane
Concen: 3.15 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU042300.D
Acq: 09 Feb 2021 16:30

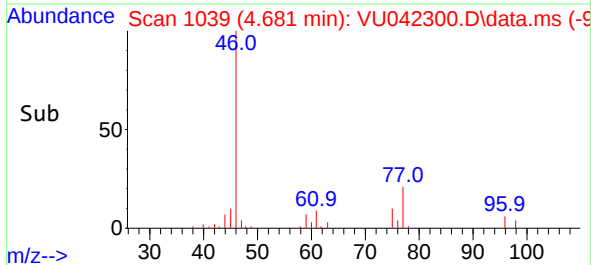
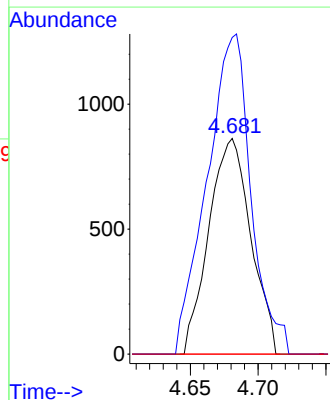
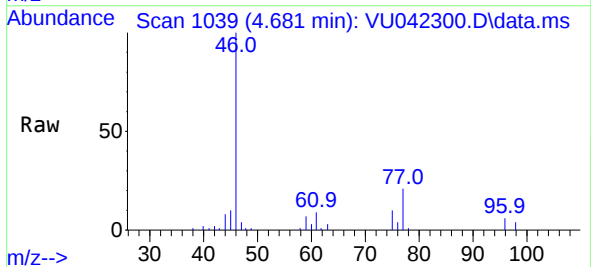
Instrument :
MSVOA_U
ClientSampleId :
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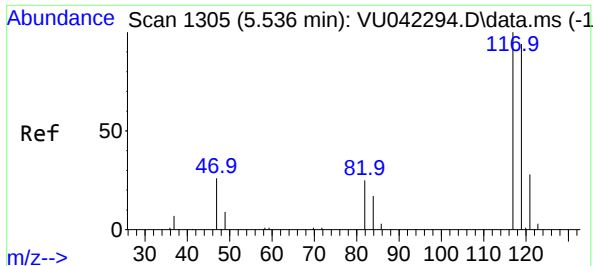
Tgt Ion:101 Resp: 34775
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.8



#22
cis-1,2-Dichloroethene
Concen: 0.24 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VU042300.D
Acq: 09 Feb 2021 16:30

Tgt Ion: 96 Resp: 1859
Ion Ratio Lower Upper
96 100
61 146.8 97.8 181.6
68 0.0 0.0 0.0

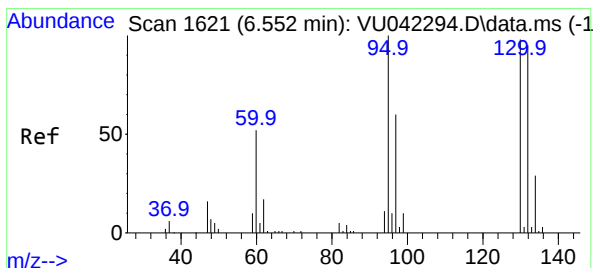
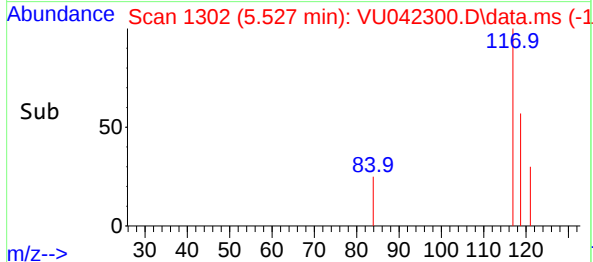
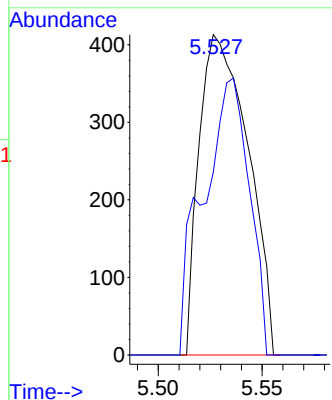
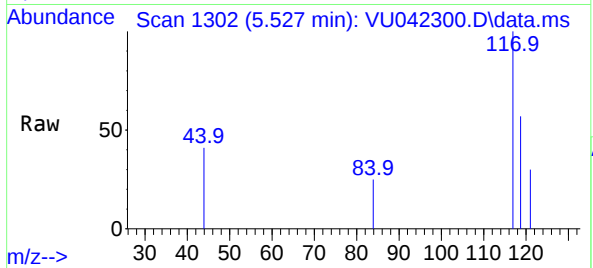




#31
Carbon tetrachloride
Concen: 0.06 ug/L
RT: 5.527 min Scan# 1302
Delta R.T. -0.009 min
Lab File: VU042300.D
Acq: 09 Feb 2021 16:30

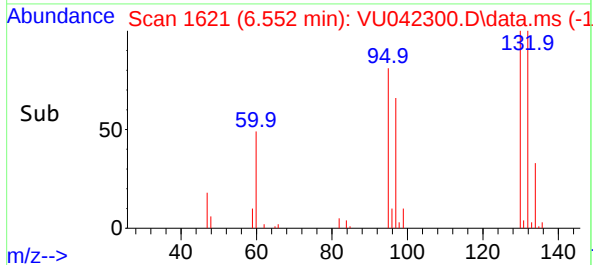
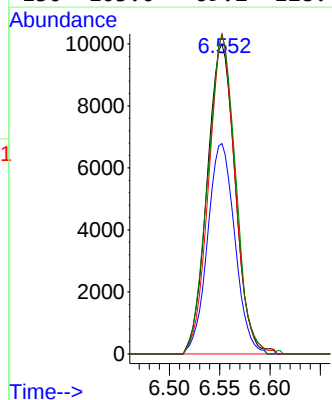
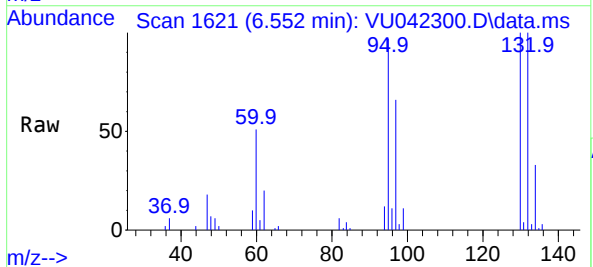
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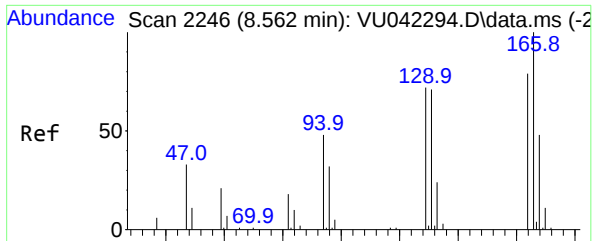
Tgt Ion:117 Resp: 676
Ion Ratio Lower Upper
117 100
119 81.4 76.2 114.4



#34
Trichloroethene
Concen: 2.58 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042300.D
Acq: 09 Feb 2021 16:30

Tgt Ion: 95 Resp: 19401
Ion Ratio Lower Upper
95 100
97 67.9 44.4 82.4
132 103.3 68.0 126.4
130 103.0 69.2 128.4





#47
Tetrachloroethene
Concen: 8.45 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU042300.D
Acq: 09 Feb 2021 16:30

Instrument :
MSVOA_U
ClientSampleId :
C0AR5DL

Tgt Ion:164 Resp: 52897

Ion	Ratio	Lower	Upper
164	100		
129	100.4	64.3	119.5
131	93.0	62.2	115.6
166	130.5	88.6	164.6

