

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031321\
 Data File : VU042642.D
 Acq On : 13 Mar 2021 04:49
 Operator : SY/MD
 Sample : M1676-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE2

Quant Time: Mar 13 06:46:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 13 06:39:26 2021
 Response via : Initial Calibration

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

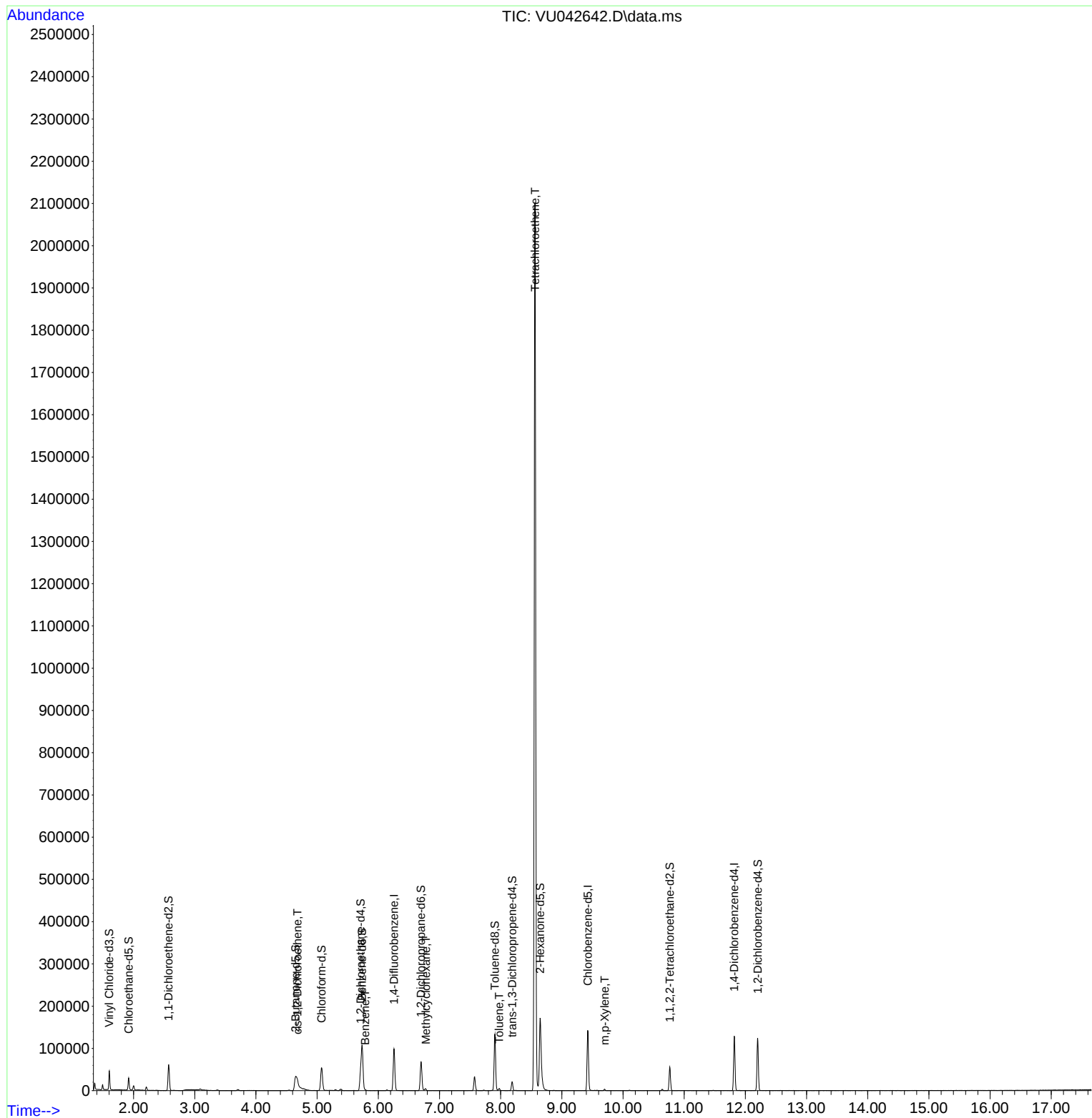
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	75371	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	72932	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	32891	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	21191	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.919	69	19204	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.572	63	37481	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.649	46	83151	50.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.80%
24) Chloroform-d	5.073	84	49076	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.710	65	33595	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
32) Benzene-d6	5.736	84	87336	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.700	67	30054	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.906	98	83046	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloroprop...	8.189	79	10879	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.645	63	63460	49.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.36%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	25115	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	30643	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.678	96	4336	0.73	ug/L	98
33) Benzene	5.784	78	1030	0.05	ug/L	100
35) Methylcyclohexane	6.777	83	1742	0.18	ug/L	96
42) Toluene	7.977	91	3432	0.14	ug/L	99
47) Tetrachloroethene	8.562	164	441343	85.57	ug/L	99
53) m,p-Xylene	9.700	106	932	0.09	ug/L	89

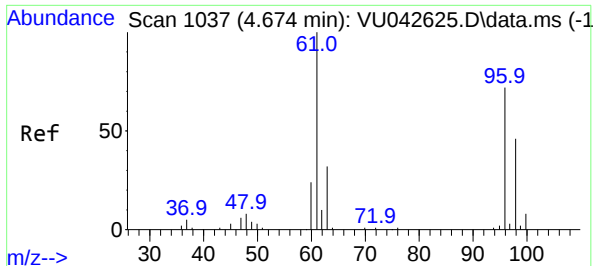
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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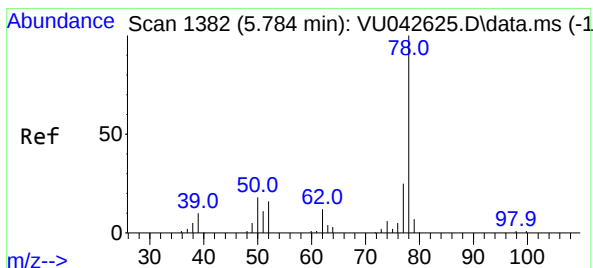
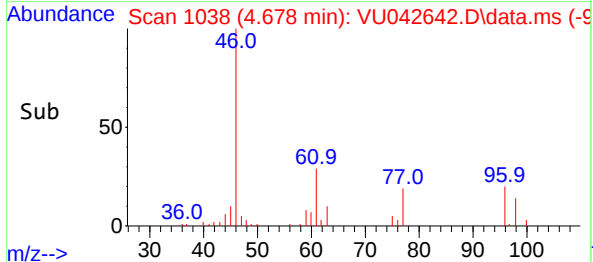
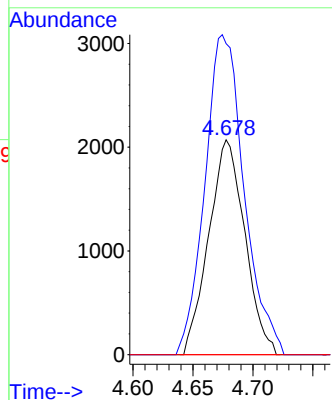
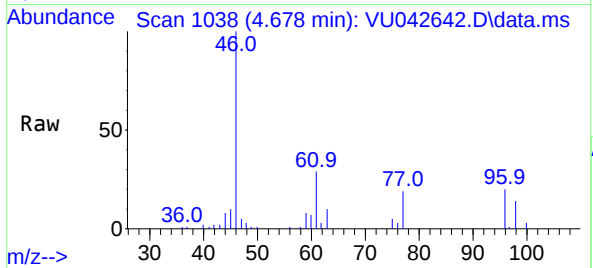


#22
 cis-1,2-Dichloroethene
 Concen: 0.73 ug/L
 RT: 4.678 min Scan# 1038
 Delta R.T. 0.003 min
 Lab File: VU042642.D
 Acq: 13 Mar 2021 04:49

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE2

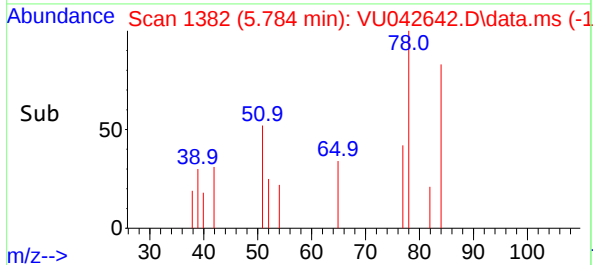
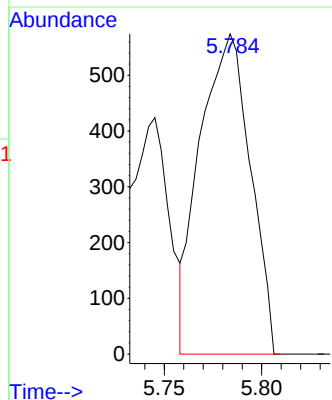
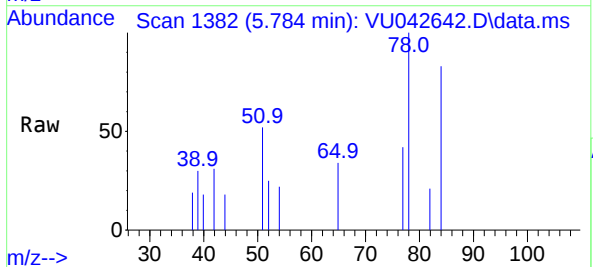
Tgt Ion: 96 Resp: 4336

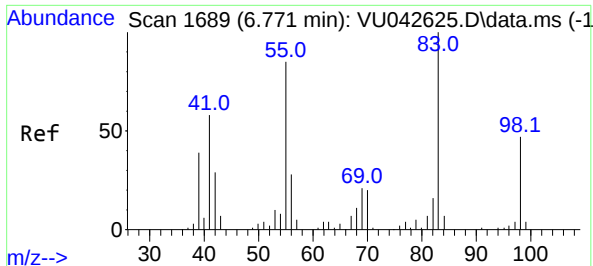
Ion	Ratio	Lower	Upper
96	100		
61	136.8	97.8	181.6
68	0.0	0.0	0.0



#33
 Benzene
 Concen: 0.05 ug/L
 RT: 5.784 min Scan# 1382
 Delta R.T. 0.000 min
 Lab File: VU042642.D
 Acq: 13 Mar 2021 04:49

Tgt Ion: 78 Resp: 1030





#35

Methylcyclohexane

Concen: 0.18 ug/L

RT: 6.777 min Scan# 1691

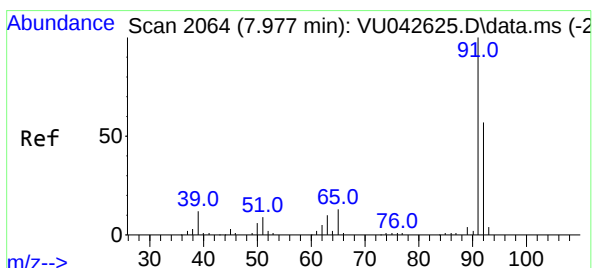
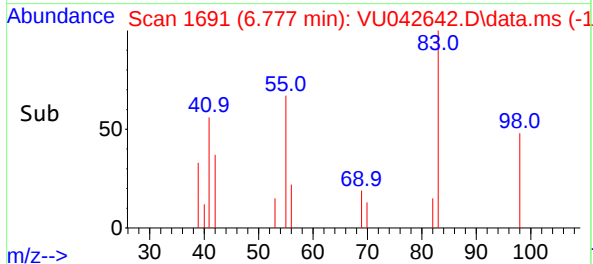
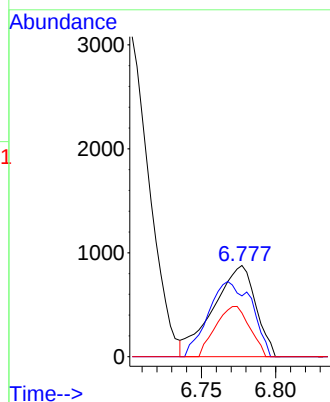
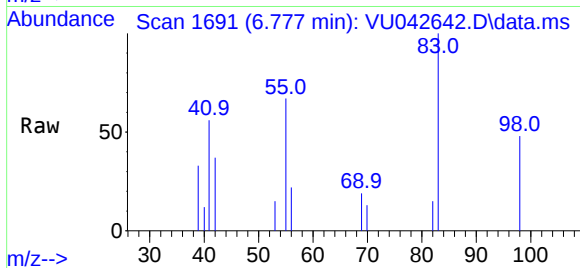
Delta R.T. 0.006 min

Lab File: VU042642.D

Acq: 13 Mar 2021 04:49

Tgt Ion: 83 Resp: 1742

Ion	Ratio	Lower	Upper
83	100		
55	84.4	68.2	102.4
98	44.2	39.7	59.5



#42

Toluene

Concen: 0.14 ug/L

RT: 7.977 min Scan# 2064

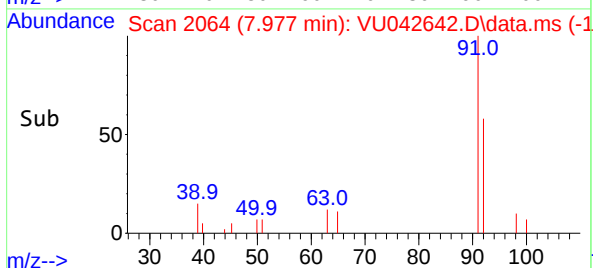
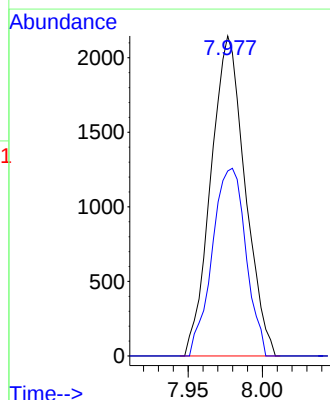
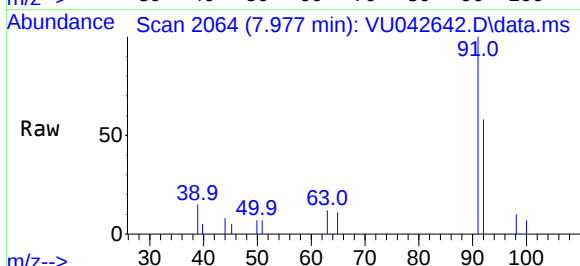
Delta R.T. 0.000 min

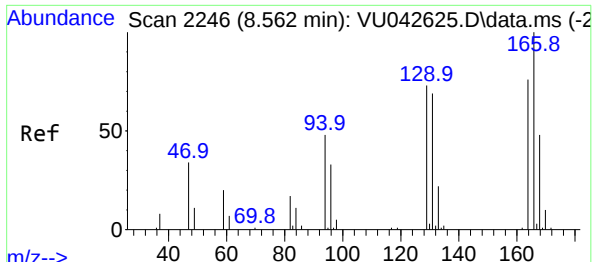
Lab File: VU042642.D

Acq: 13 Mar 2021 04:49

Tgt Ion: 91 Resp: 3432

Ion	Ratio	Lower	Upper
91	100		
92	57.8	41.2	76.6

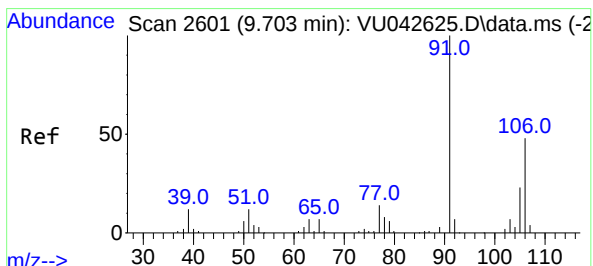
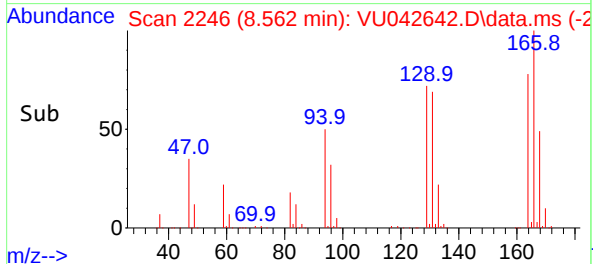
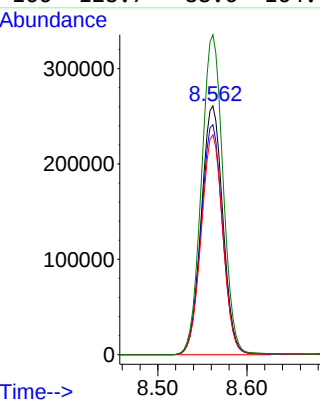
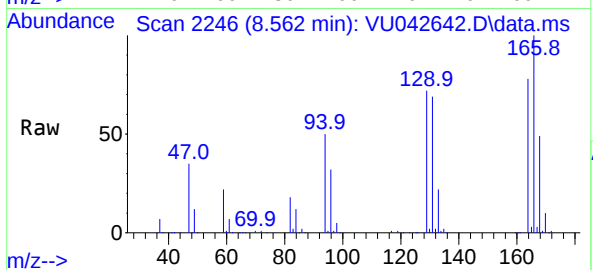




#47
Tetrachloroethene
Concen: 85.57 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU042642.D
Acq: 13 Mar 2021 04:49

Instrument :
MSVOA_U
ClientSampleId :
C0AE2

Tgt Ion:164 Resp: 441343
Ion Ratio Lower Upper
164 100
129 92.5 64.3 119.5
131 88.4 62.2 115.6
166 128.7 88.6 164.6



#53
m,p-Xylene
Concen: 0.09 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU042642.D
Acq: 13 Mar 2021 04:49

Tgt Ion:106 Resp: 932
Ion Ratio Lower Upper
106 100
91 223.7 145.1 269.5

