

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
 Data File : VU042124.D
 Acq On : 20 Jan 2021 23:09
 Operator : SY/MD
 Sample : M1180-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E10

Quant Time: Jan 21 06:02:54 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 21 06:00:33 2021
 Response via : Initial Calibration

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

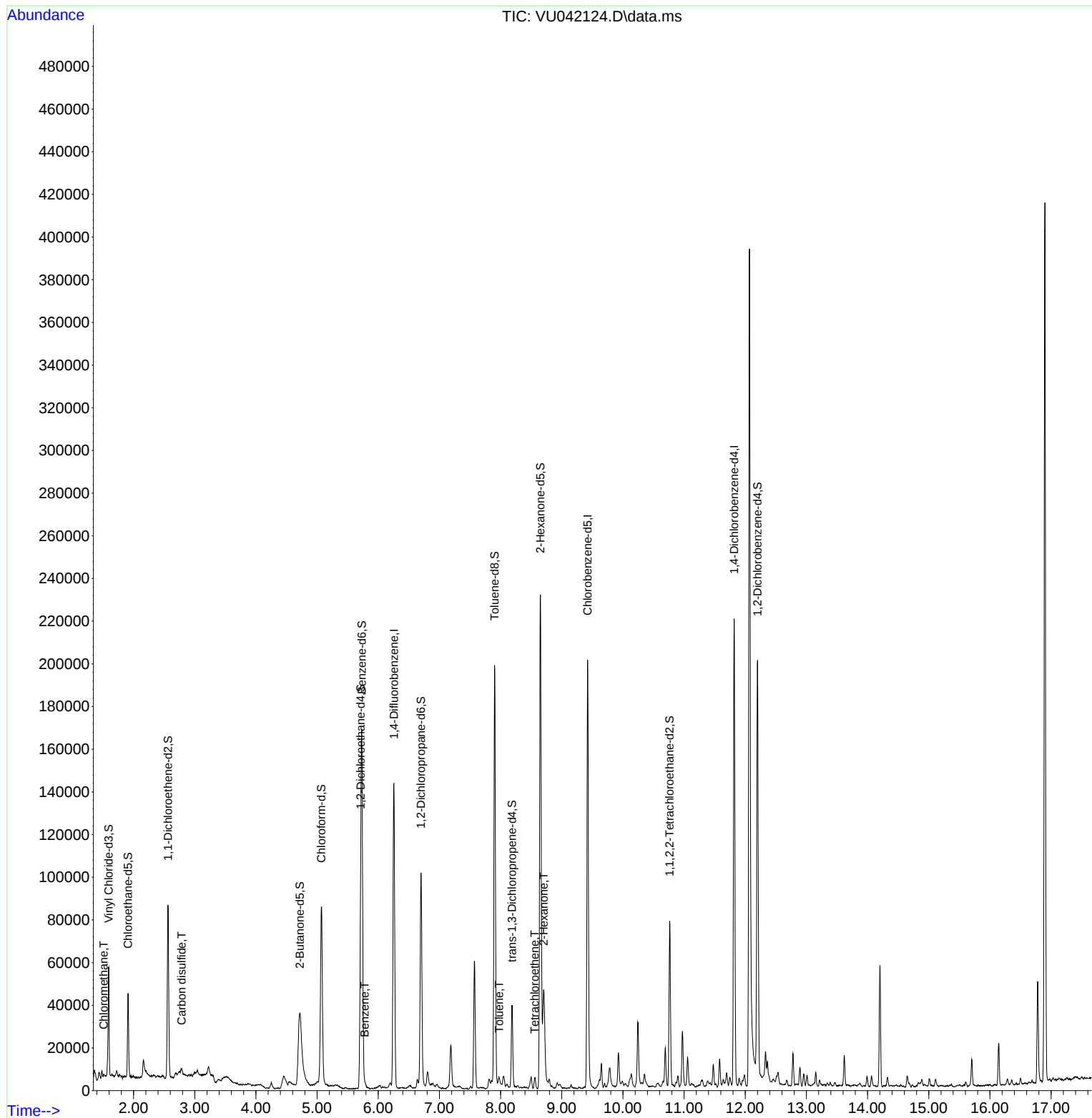
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	111311	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	104215	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	55479	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.591	65	31146	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.909	69	25316	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.562	63	47521	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	4.716	46	91953	35.10	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.20%
24) Chloroform-d	5.070	84	72228	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.713	65	43026	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.732	84	133772	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.700	67	43489	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.903	98	123324	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloroprop...	8.185	79	20591	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.649	63	83794	43.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.50%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	37363	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	49741	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%
Target Compounds						Qvalue
3) Chloromethane	1.514	50	783	0.08	ug/L	83
14) Carbon disulfide	2.787	76	2089	0.08	ug/L #	69
33) Benzene	5.780	78	1900	0.06	ug/L	100
42) Toluene	7.976	91	3883	0.12	ug/L	96
47) Tetrachloroethene	8.555	164	672	0.10	ug/L	90
48) 2-Hexanone	8.703	43	19225	4.00	ug/L #	93

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

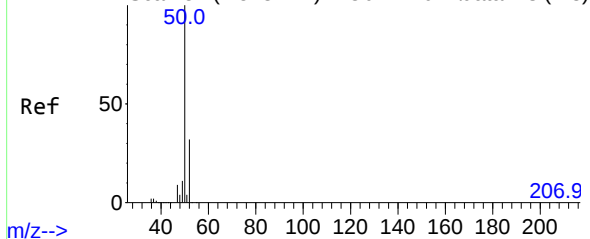
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jan 21 06:00:33 2021
Response via : Initial Calibration



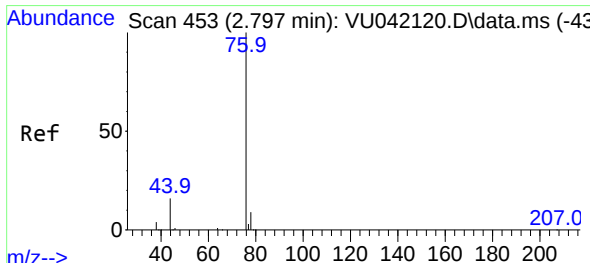
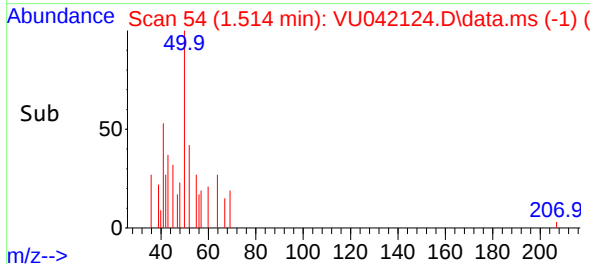
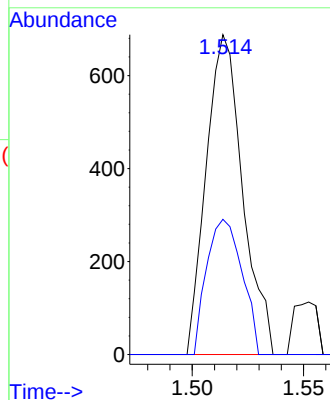
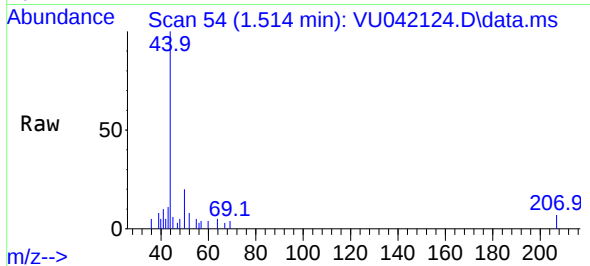
Abundance Scan 57 (1.523 min): VU042120.D\data.ms (-48)



#3
Chloromethane
Concen: 0.08 ug/L
RT: 1.514 min Scan# 54
Delta R.T. -0.010 min
Lab File: VU042124.D
Acq: 20 Jan 2021 23:09

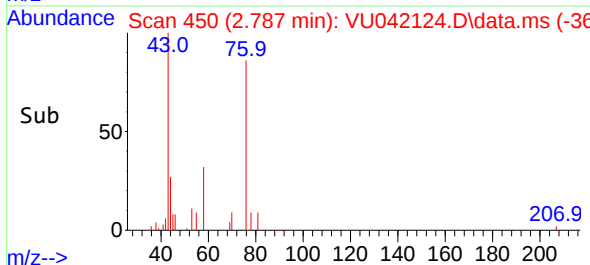
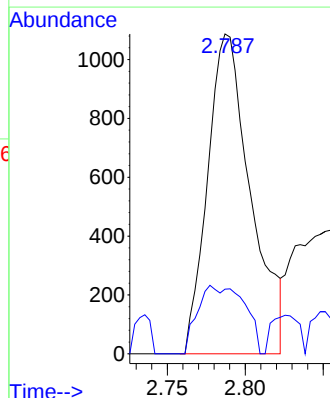
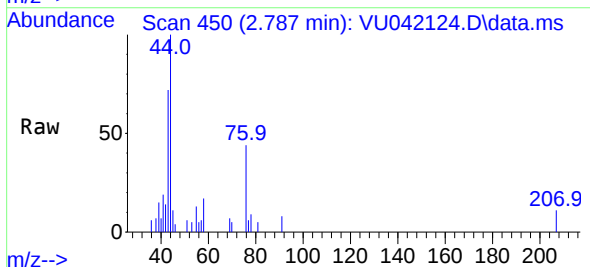
Instrument :
MSVOA_U
ClientSampled :
F1E10

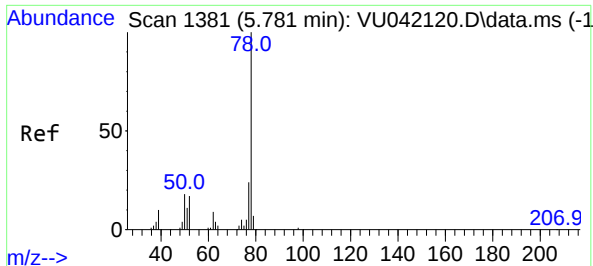
Tgt Ion: 50 Resp: 783
Ion Ratio Lower Upper
50 100
52 42.3 23.0 42.8



#14
Carbon disulfide
Concen: 0.08 ug/L
RT: 2.787 min Scan# 450
Delta R.T. -0.010 min
Lab File: VU042124.D
Acq: 20 Jan 2021 23:09

Tgt Ion: 76 Resp: 2089
Ion Ratio Lower Upper
76 100
78 20.2 7.3 10.9#





#33

Benzene

Concen: 0.06 ug/L

RT: 5.780 min Scan# 1381

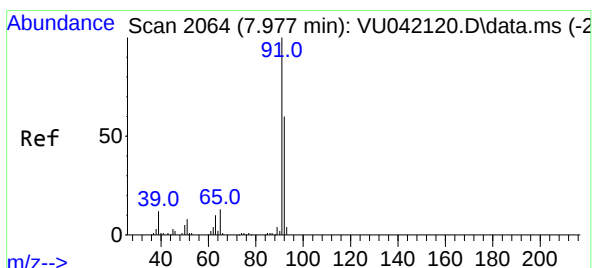
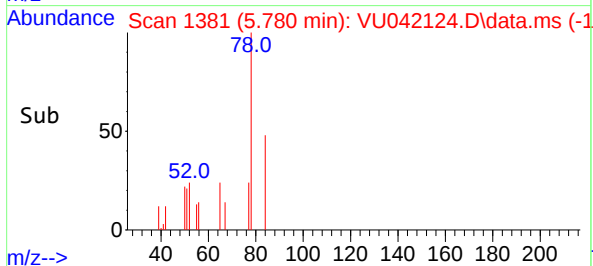
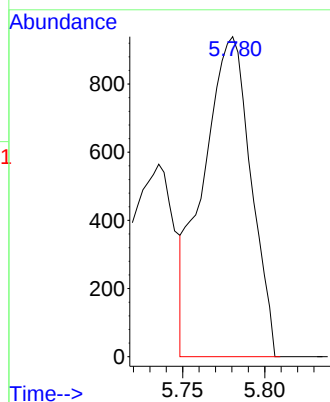
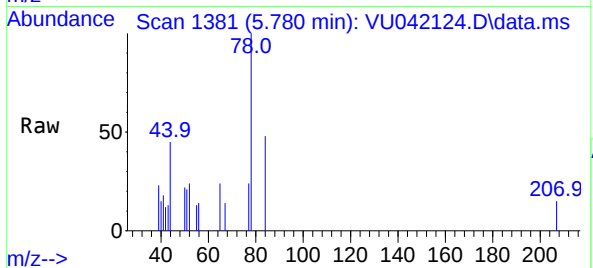
Delta R.T. -0.000 min

Lab File: VU042124.D

Acq: 20 Jan 2021 23:09

Tgt Ion: 78 Resp: 1900

Instrument :
MSVOA_U
ClientSampleId :
F1E10



#42

Toluene

Concen: 0.12 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. -0.000 min

Lab File: VU042124.D

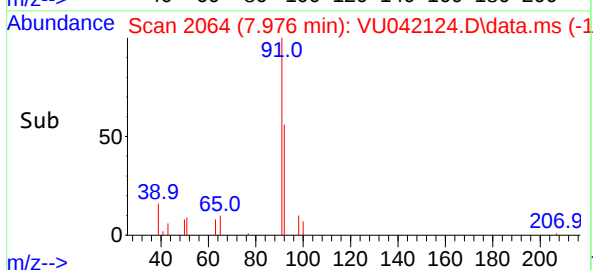
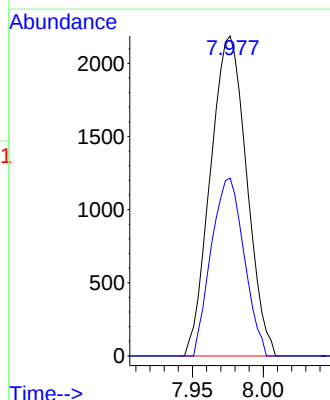
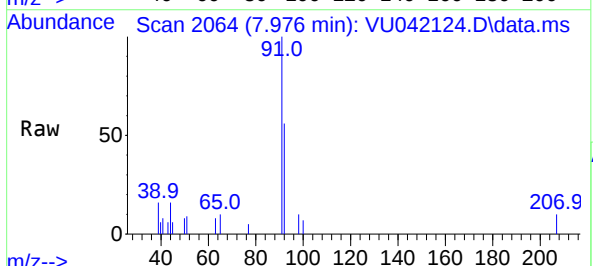
Acq: 20 Jan 2021 23:09

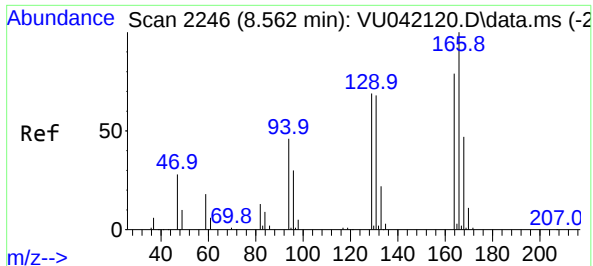
Tgt Ion: 91 Resp: 3883

Ion Ratio Lower Upper

91 100

92 55.6 41.2 76.6





#47

Tetrachloroethene

Concen: 0.10 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.007 min

Lab File: VU042124.D

Acq: 20 Jan 2021 23:09

Instrument :
MSVOA_U
ClientSampleId :
F1E10

Tgt Ion:164 Resp: 672

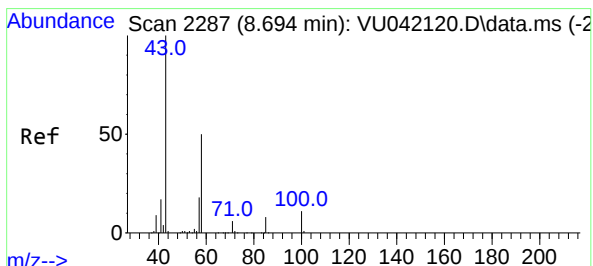
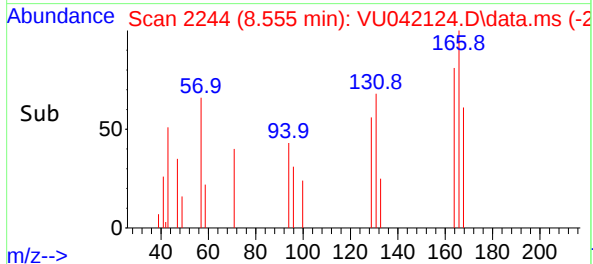
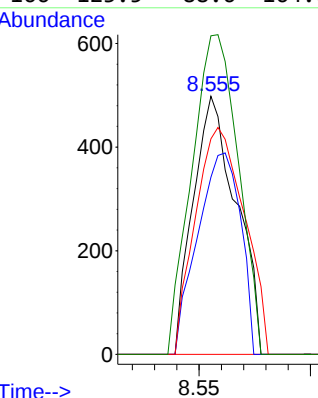
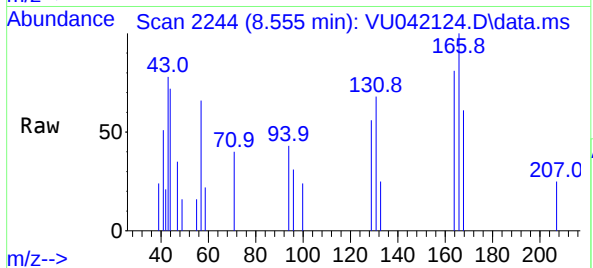
Ion Ratio Lower Upper

164 100

129 68.7 64.3 119.5

131 83.5 62.2 115.6

166 123.5 88.6 164.6



#48

2-Hexanone

Concen: 4.00 ug/L

RT: 8.703 min Scan# 2290

Delta R.T. 0.010 min

Lab File: VU042124.D

Acq: 20 Jan 2021 23:09

Tgt Ion: 43 Resp: 19225

Ion Ratio Lower Upper

43 100

58 49.4 40.6 61.0

57 29.3 14.9 22.3#

100 9.1 8.6 12.8

