

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
 Data File : VU042116.D
 Acq On : 20 Jan 2021 19:24
 Operator : SY/MD
 Sample : M1180-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E03

Manual Integrations
 APPROVED

MMDadoda
 1/25/2021 9:07:03 AM

Quant Time: Jan 21 04:26:22 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 21 04:09:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	121487	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	112257	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	59542	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	36079	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.916	69	28619	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.568	63	49839	2.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.80%#
20) 2-Butanone-d5	4.726	46	86572m	30.27	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	60.54%
24) Chloroform-d	5.073	84	76790	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.713	65	46535	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.735	84	144785	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.700	67	47070	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.906	98	132189	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloroprop...	8.189	79	23085	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.652	63	98552	47.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.46%
57) 1,1,2,2-Tetrachloroeth...	10.767	84	39971	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	53317	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%
Target Compounds						Qvalue
33) Benzene	5.784	78	1325	0.04	ug/L	100
42) Toluene	7.976	91	2772	0.08	ug/L	94
47) Tetrachloroethene	8.555	164	737	0.10	ug/L	88
48) 2-Hexanone	8.703	43	5700	1.10	ug/L #	71

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

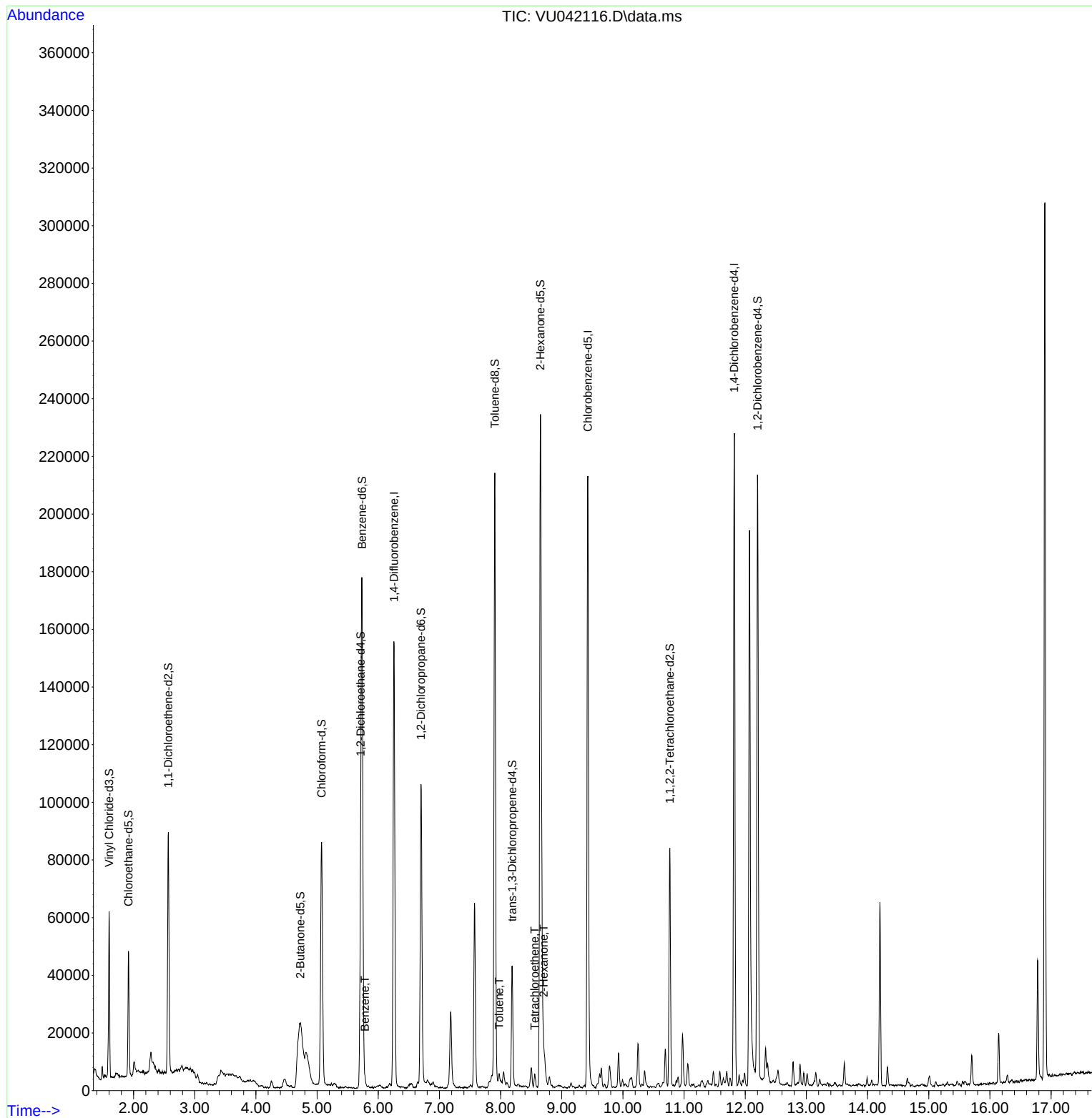
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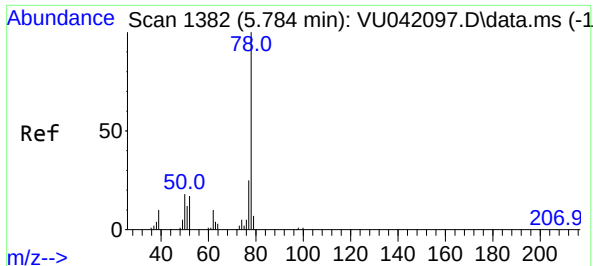
Instrument :
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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





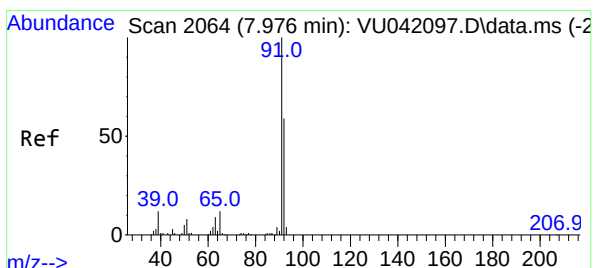
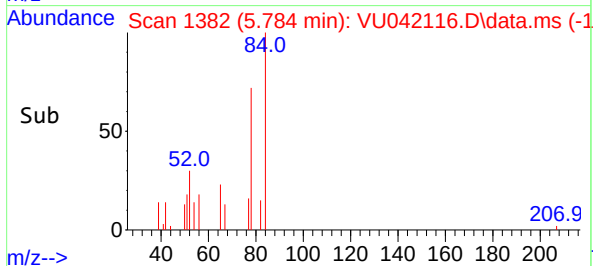
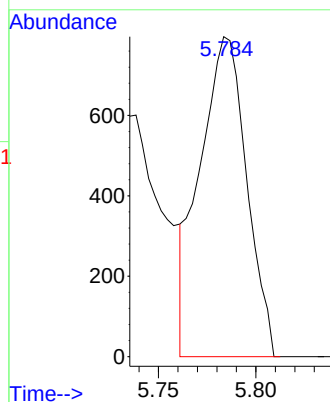
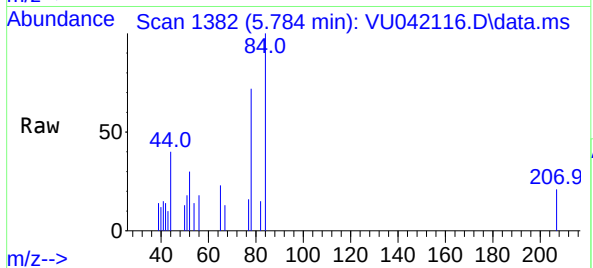
#33
Benzene
Concen: 0.04 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU042116.D
Acq: 20 Jan 2021 19:24

Tgt Ion: 78 Resp: 1325

Instrument :
MSVOA_U
ClientSampled :
F1E03

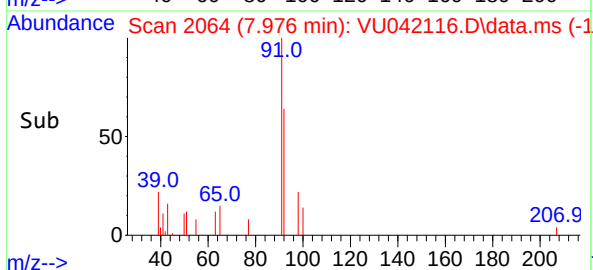
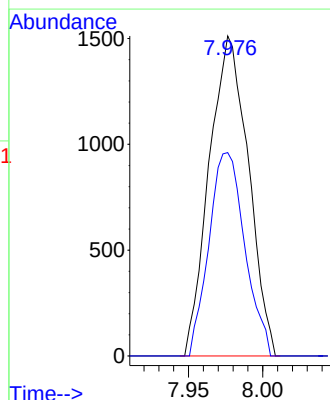
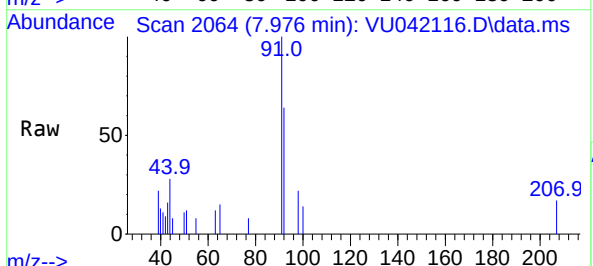
Manual Integrations
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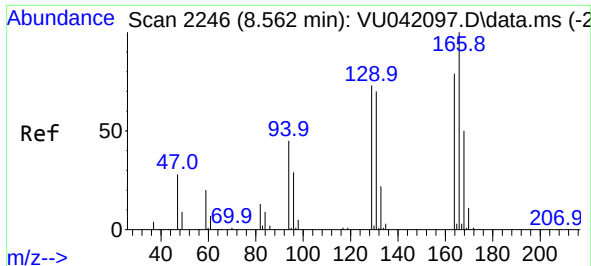
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#42
Toluene
Concen: 0.08 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU042116.D
Acq: 20 Jan 2021 19:24

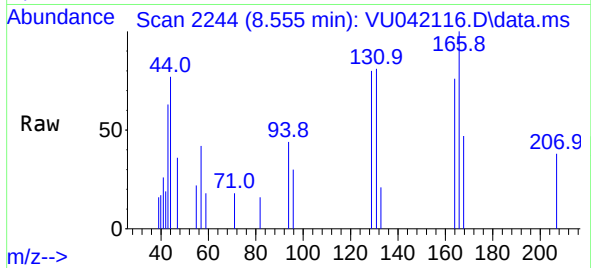
Tgt Ion: 91 Resp: 2772
Ion Ratio Lower Upper
91 100
92 63.6 41.2 76.6





#47
Tetrachloroethene
Concen: 0.10 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.006 min
Lab File: VU042116.D
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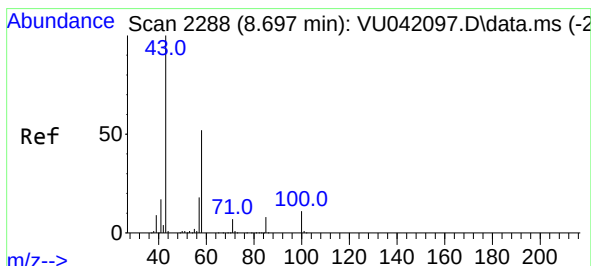
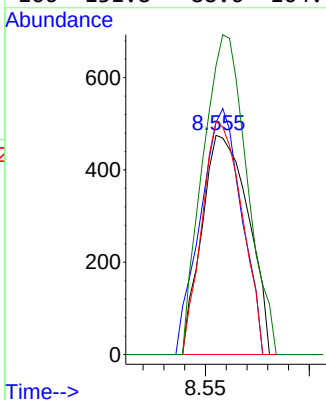
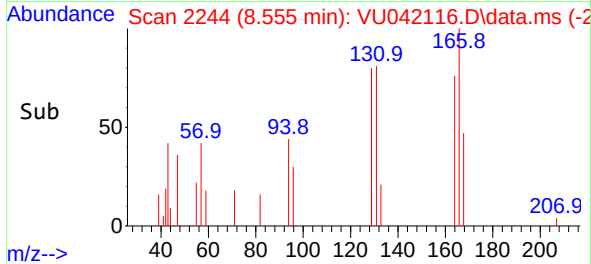


Tgt Ion: 164 Resp: 737

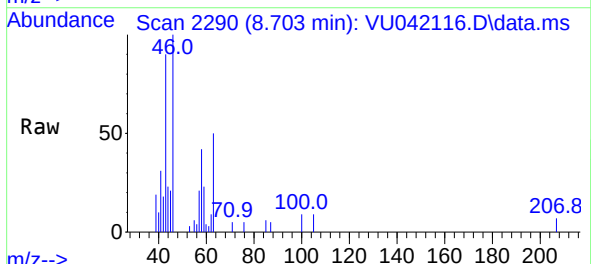
Ion	Ratio	Lower	Upper
164	100		
129	105.9	64.3	119.5
131	106.3	62.2	115.6
166	131.8	88.6	164.6

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#48
2-Hexanone
Concen: 1.10 ug/L
RT: 8.703 min Scan# 2290
Delta R.T. 0.006 min
Lab File: VU042116.D
Acq: 20 Jan 2021 19:24



Tgt Ion: 43 Resp: 5700

Ion	Ratio	Lower	Upper
43	100		
58	52.9	40.6	61.0
57	69.9	14.9	22.3
100	8.8	8.6	12.8

