

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
 Data File : VU032881.D
 Acq On : 20 Jun 2019 00:31
 Operator : JC/SP
 Sample : K3414-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALM3

Quant Time: Jun 20 08:52:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 20 07:24:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	89843	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	88125	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	46037	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	26213	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.68	69	23462	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.27	63	42952	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	4.19	46	105252	64.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.12%
24) Chloroform-d	4.64	84	61484	5.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.40%
26) 1,2-Dichloroethane-d4	5.30	65	35628	6.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	130.40%#
32) Benzene-d6	5.33	84	112914	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.32	67	37791	5.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.00%
41) Toluene-d8	7.56	98	98012	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.85	79	14419	5.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.00%
46) 2-Hexanone-d5	8.31	63	76740	53.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.14%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	32697	5.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	44690	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

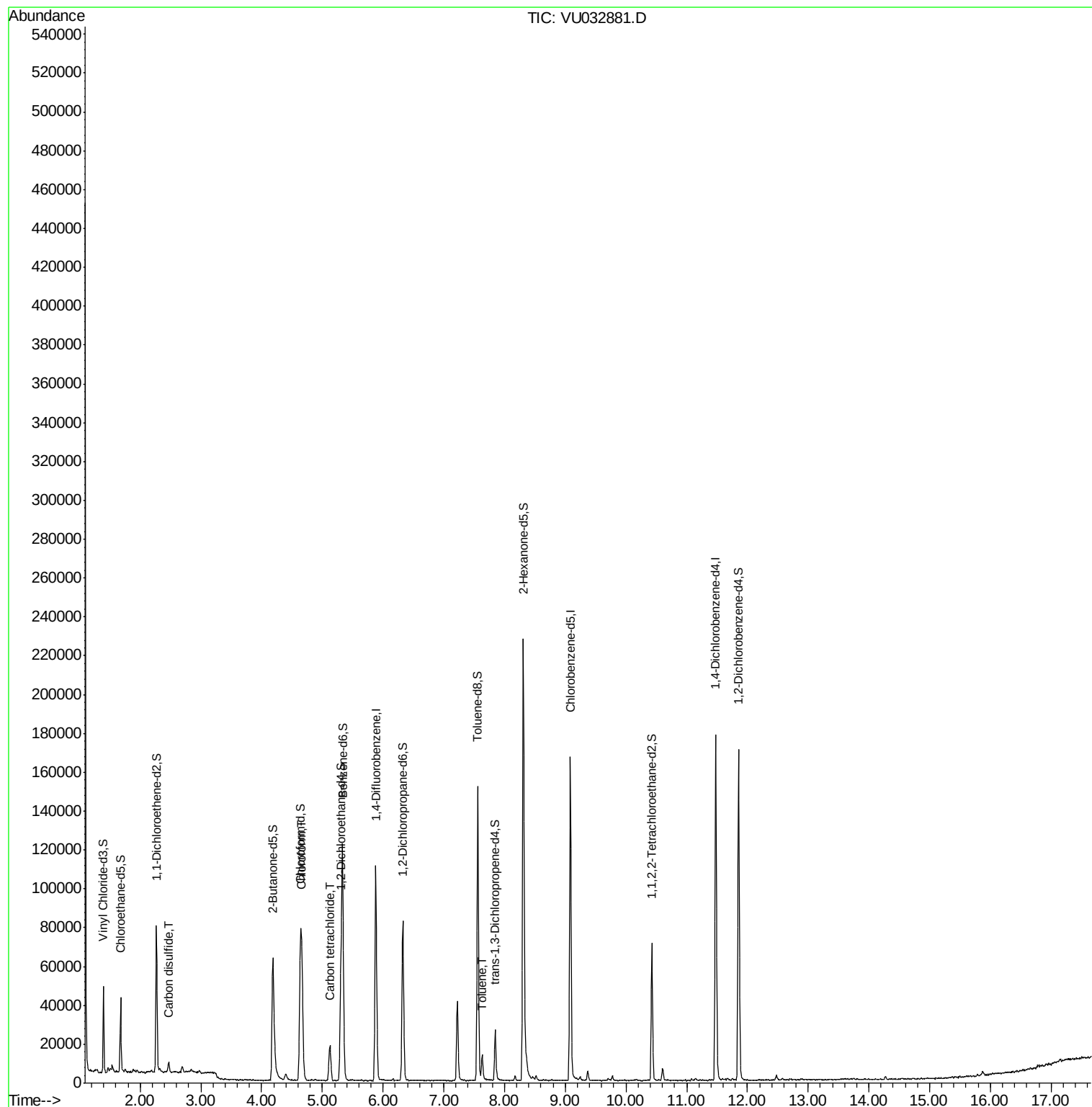
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
14) Carbon disulfide	2.47	76	5668	0.310	ug/L #	91
25) Chloroform	4.67	83	44295	3.933	ug/L	95
31) Carbon tetrachloride	5.13	117	13171	1.349	ug/L	98
42) Toluene	7.63	91	8994	0.311	ug/L	97

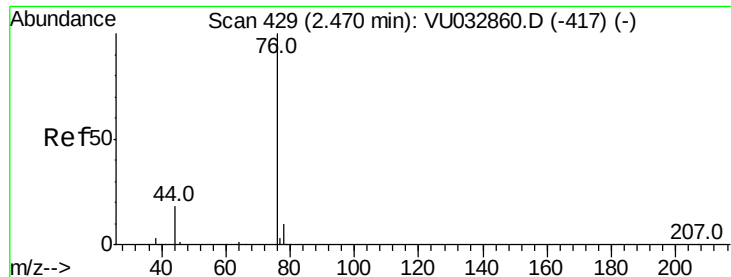
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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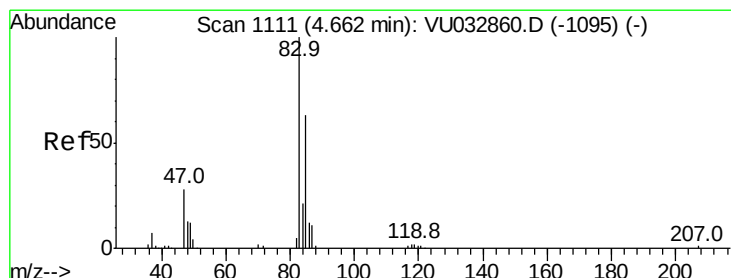
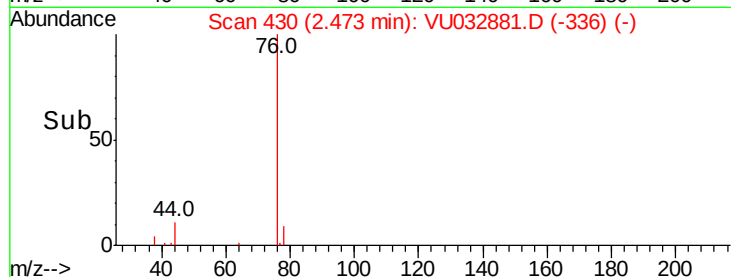
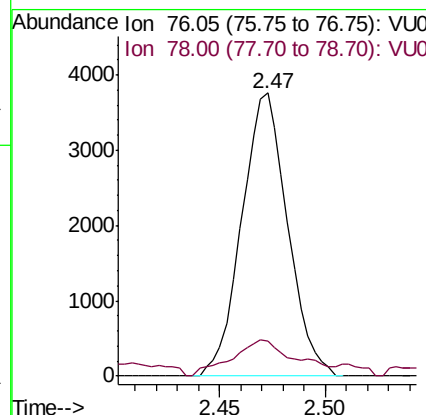
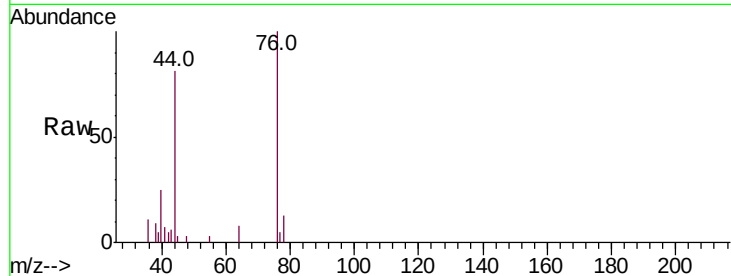




#14
Carbon disulfide
Concen: 0.310 ug/L
RT: 2.47 min Scan# 430
Delta R.T. 0.00 min
Lab File: VU032881.D
Acq: 20 Jun 2019 00:31

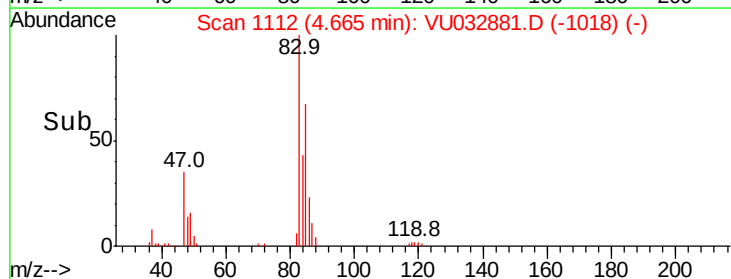
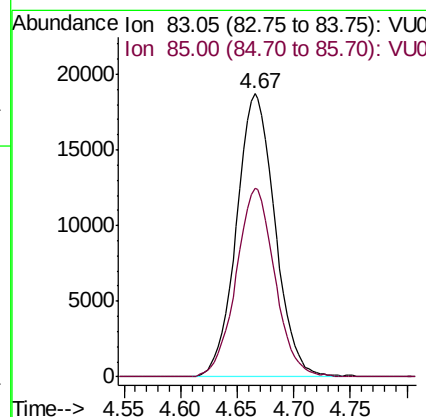
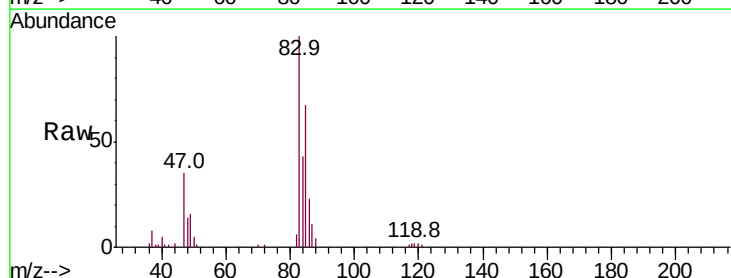
Instrument :
MSVOA_U
ClientSampleId :
GALM3

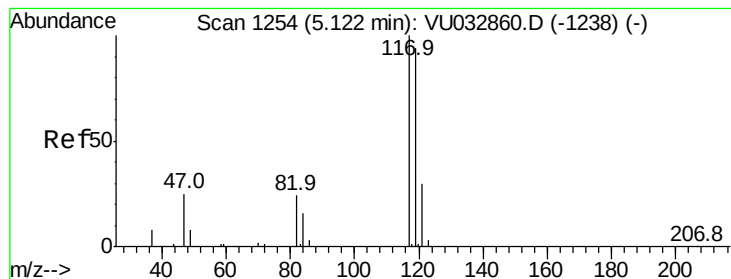
Tot Ion: 76 Resp: 5668
Ion Ratio Lower Upper
76 100
78 12.5 7.3 10.9#



#25
Chloroform
Concen: 3.933 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VU032881.D
Acq: 20 Jun 2019 00:31

Tgt Ion: 83 Resp: 44295
Ion Ratio Lower Upper
83 100
85 66.7 43.8 81.3





#31

Carbon tetrachloride

Concen: 1.349 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VU032881.D

Acq: 20 Jun 2019 00:31

Instrument :

MSVOA_U

ClientSampleId :

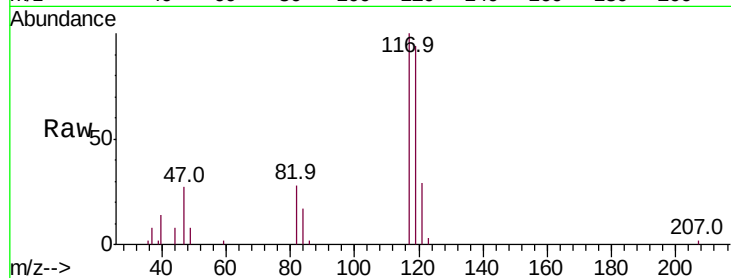
GALM3

Tot Ion:117 Resp: 13171

Ion Ratio Lower Upper

117 100

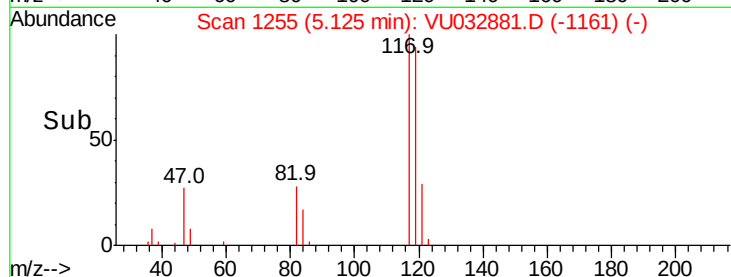
119 95.3 77.8 116.6



Abundance Ion 116.90 (116.60 to 117.60): V

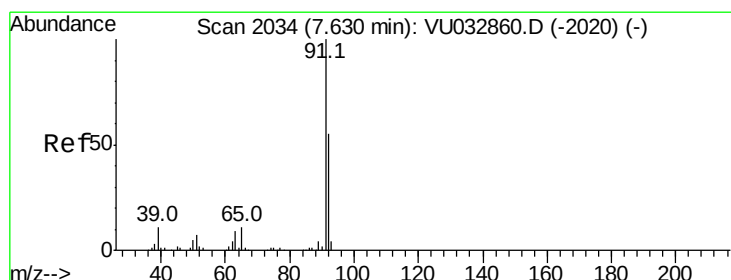
Ion 118.90 (118.60 to 119.60): V

5.13



Time-->

5.05 5.10 5.15 5.20



#42

Toluene

Concen: 0.311 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU032881.D

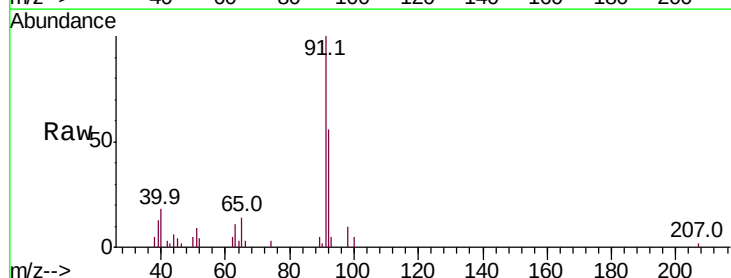
Acq: 20 Jun 2019 00:31

Tgt Ion: 91 Resp: 8994

Ion Ratio Lower Upper

91 100

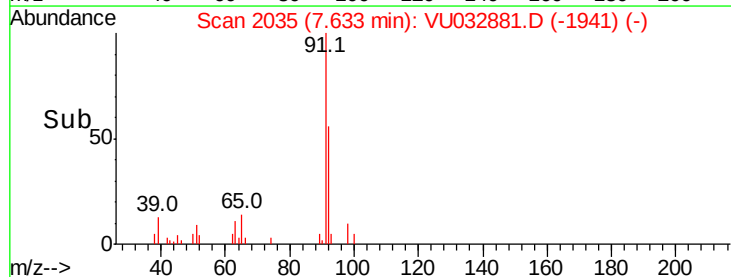
92 55.9 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

7.63



Time-->

7.60 7.65