

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092419\
 Data File : VU034769.D
 Acq On : 24 Sep 2019 14:27
 Operator : JC/SP
 Sample : K4984-08 10X
 Misc : 6.22g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEDL2

Manual Integrations
 APPROVED

MMDadoda
 9/25/2019 10:06:42 AM

Quant Time: Sep 25 03:47:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 25 02:59:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	448476	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	440531	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	201433	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	185436	40.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.78%
7) Chloroethane-d5	1.66	69	161828m	45.61	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.22%
11) 1,1-Dichloroethene-d2	2.25	63	253060	32.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.10%
21) 2-Butanone-d5	4.15	46	381200	108.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.33%
24) Chloroform-d	4.62	84	325693	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.28	65	235521	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.00%
32) Benzene-d6	5.32	84	691335	50.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.26%
36) 1,2-Dichloropropane-d6	6.31	67	246944	51.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.48%
41) Toluene-d8	7.54	98	672493	51.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.54%
43) trans-1,3-Dichloropropene-	7.83	79	111119	48.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.22%
47) 2-Hexanone-d5	8.29	63	261387	109.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.05%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	350138	52.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.74%
64) 1,2-Dichlorobenzene-d4	11.84	152	238729	56.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.04%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
35) Methylcyclohexane	6.39	83	9376	1.464	ug/L	91
46) Tetrachloroethene	8.21	164	7019	2.644	ug/L	98
52) Ethylbenzene	9.23	91	20184	1.086	ug/L	98
53) m,p-Xylene	9.36	106	17542	2.664	ug/L	88
56) Isopropylbenzene	10.14	105	21906	1.247	ug/L	94

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

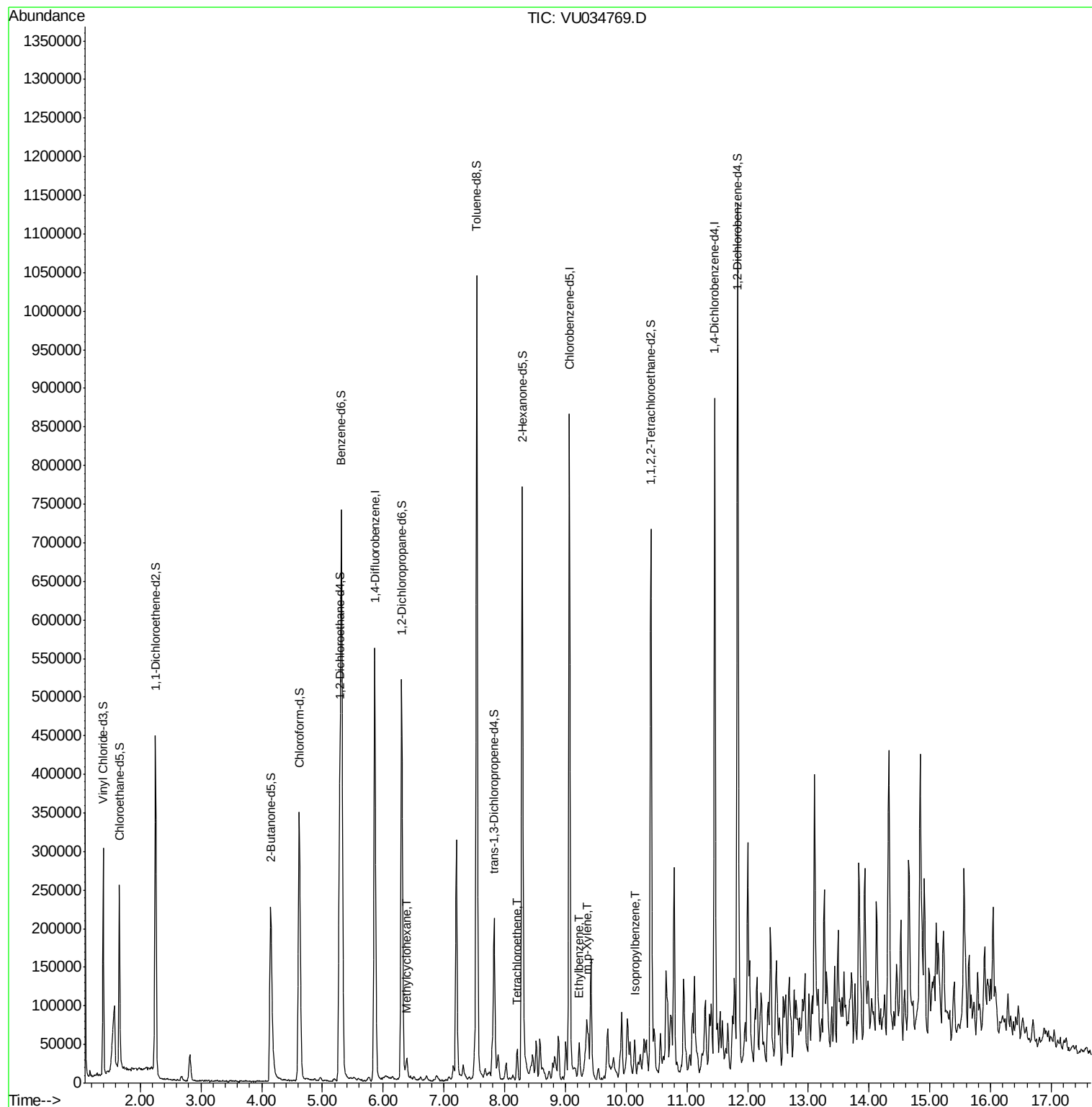
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092419\
Data File : VU034769.D
Acq On : 24 Sep 2019 14:27
Operator : JC/SP
Sample : K4984-08 10X
Misc : 6.22g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

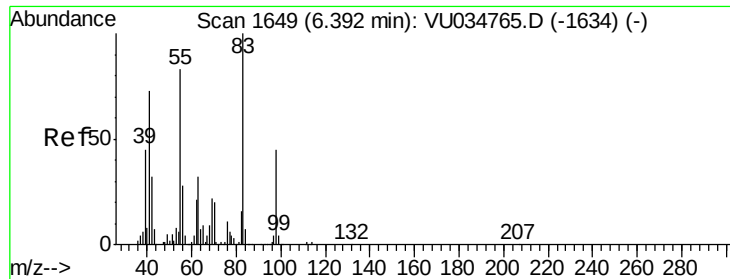
Instrument :
MSVOA_U
ClientSampled :
BEDL2

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Quant Title : VOC Analysis
QLast Update : Wed Sep 25 02:59:31 2019
Response via : Initial Calibration





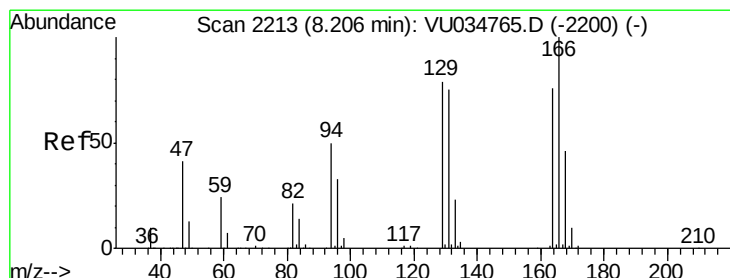
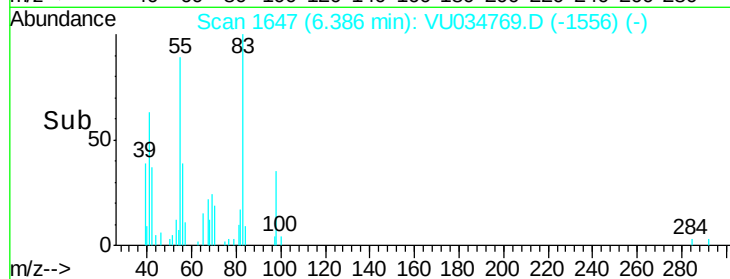
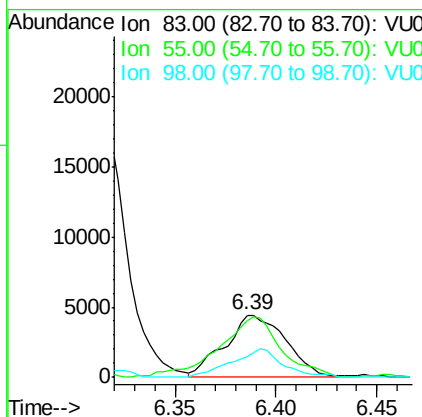
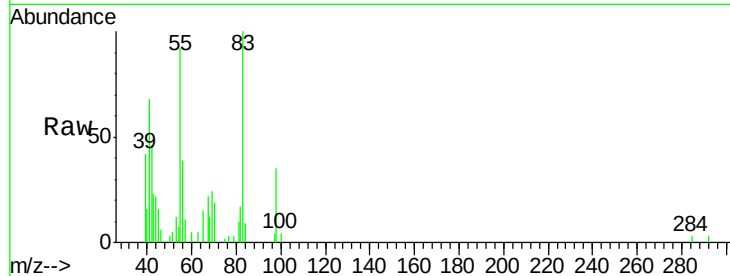
#35
Methylvlcyclohexane
Concen: 1.464 ug/L
RT: 6.39 min Scan# 1647
Delta R.T. -0.01 min
Lab File: VU034769.D
Acq: 24 Sep 2019 14:27

Instrument :
MSVOA_U
ClientSampleId :
BEDL2

Tot Ion	Ratio	Lower	Upper
83	100		
55	98.8	71.6	107.4
98	39.0	35.7	53.5

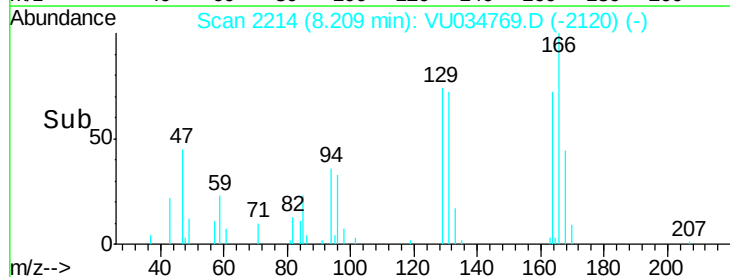
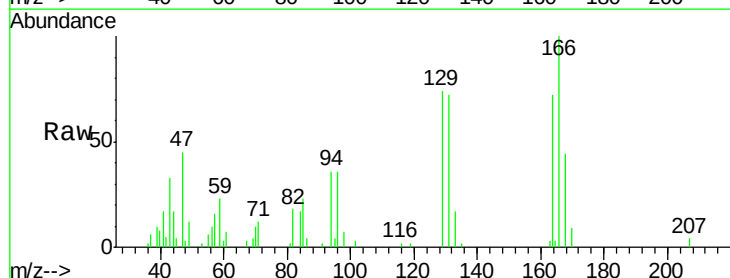
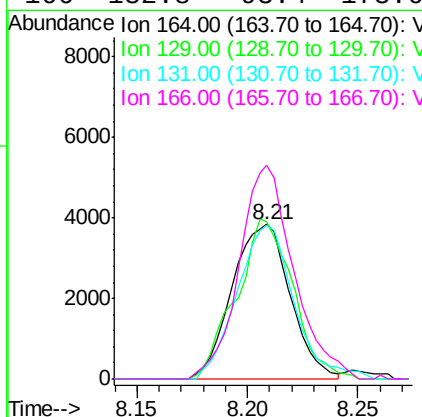
Manual Integrations
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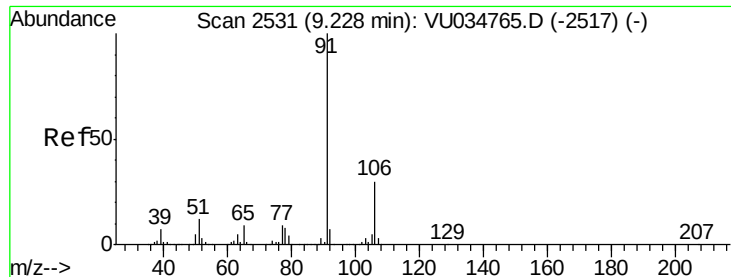
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#46
Tetrachloroethene
Concen: 2.644 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU034769.D
Acq: 24 Sep 2019 14:27

Tgt Ion	Ratio	Lower	Upper
164	100		
129	98.0	71.9	133.5
131	95.7	66.3	123.1
166	132.8	93.4	173.6





#52

Ethylbenzene

Concen: 1.086 ug/L

RT: 9.23 min Scan# 2533

Delta R.T. 0.01 min

Lab File: VU034769.D

Acq: 24 Sep 2019 14:27

Instrument :

MSVOA_U

ClientSampled :

BEDL2

Tot Ion: 91 Resp: 20184

Ion Ratio Lower Upper

91 100

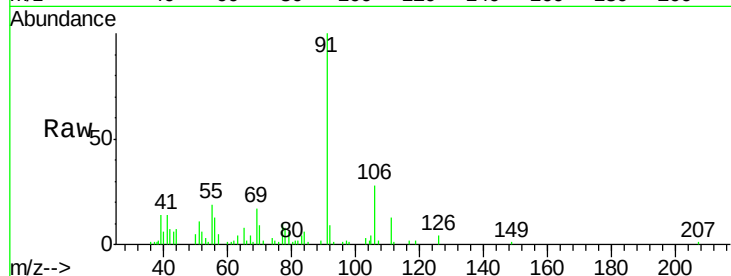
106 28.3 20.6 38.4

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VU034765.D (-2517) (-)

Ion 106.00 (105.70 to 106.70): VU034765.D (-2517) (-)

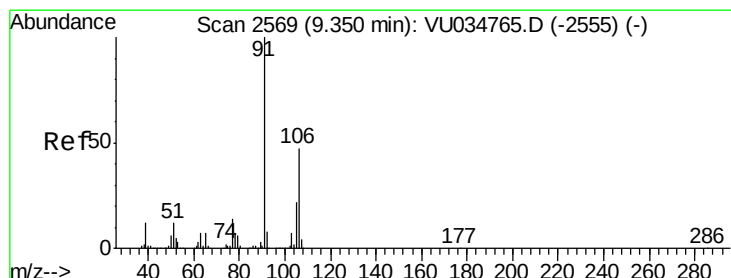
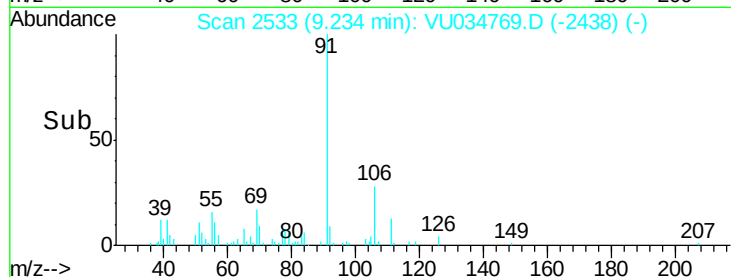
9.23

10000

5000

0

Time-->



#53

m,p-Xylene

Concen: 2.664 ug/L

RT: 9.36 min Scan# 2571

Delta R.T. 0.01 min

Lab File: VU034769.D

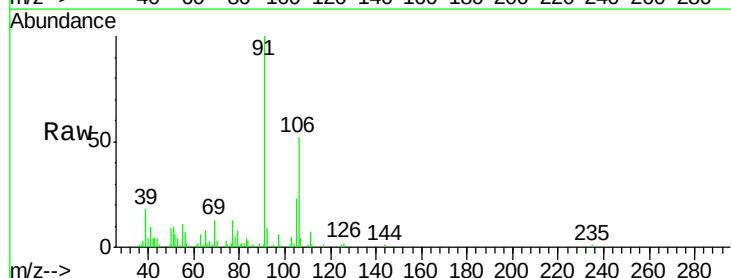
Acq: 24 Sep 2019 14:27

Tgt Ion: 106 Resp: 17542

Ion Ratio Lower Upper

106 100

91 191.5 146.9 272.7



Abundance Ion 106.00 (105.70 to 106.70): VU034765.D (-2555) (-)

Ion 91.00 (90.70 to 91.70): VU034765.D (-2555) (-)

9.36

20000

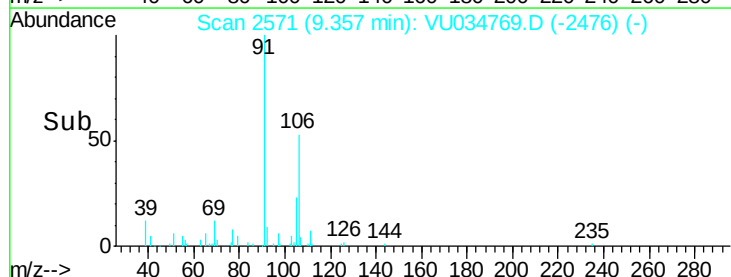
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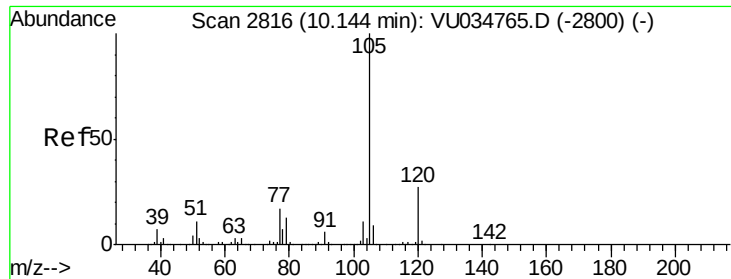
10000

5000

0

Time-->





#56
Isopropylbenzene
Concen: 1.247 ug/L
RT: 10.14 min Scan# 2816
Delta R.T. -0.00 min
Lab File: VU034769.D
Acq: 24 Sep 2019 14:27

Instrument :
MSVOA_U
ClientSampleId :
BEDL2

Tot Ion	Ratio	Lower	Upper
105	100		
120	28.8	20.4	30.6
77	19.8	14.2	21.4

Manual Integrations
APPROVED

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9/25/2019 10:06:42 AM

