

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

Quant Time: Sep 25 03:02:36 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	1.91	69	379	0.11	ug/L	0.24
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.22%#
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

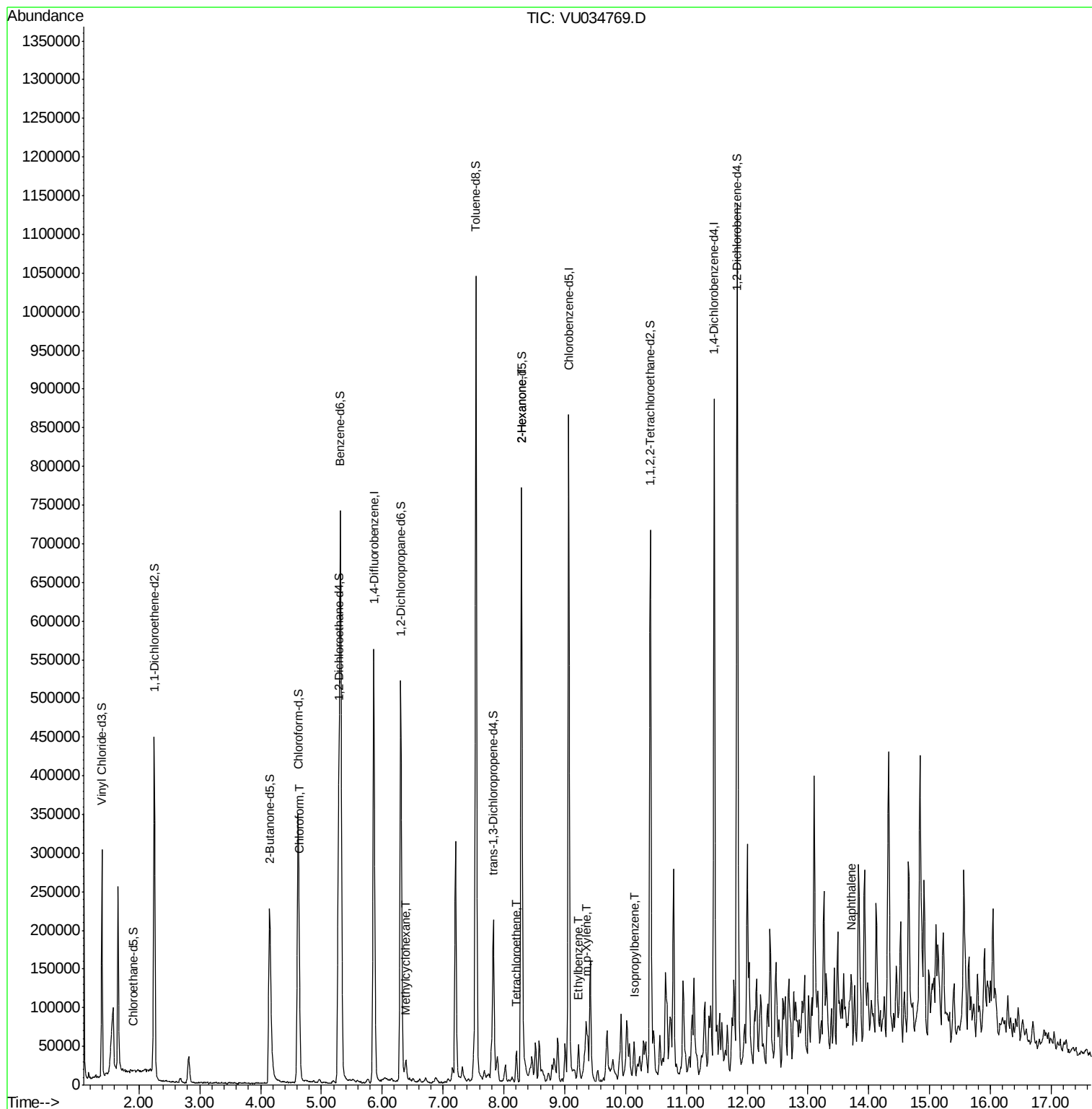
						Qvalue
25) Chloroform	4.64	83	7527	1.039	ug/L	93
35) Methylcyclohexane	6.39	83	9376	1.464	ug/L	91
46) Tetrachloroethene	8.21	164	7019	2.644	ug/L	98
48) 2-Hexanone	8.29	43	42126	6.210	ug/L #	61
52) Ethylbenzene	9.23	91	20184	1.086	ug/L	98
53) m,p-Xylene	9.36	106	17542	2.664	ug/L	88
56) Isopropylbenzene	10.14	105	21906	1.247	ug/L	94
69) Naphthalene	13.73	128	15761	1.239	ug/L	98

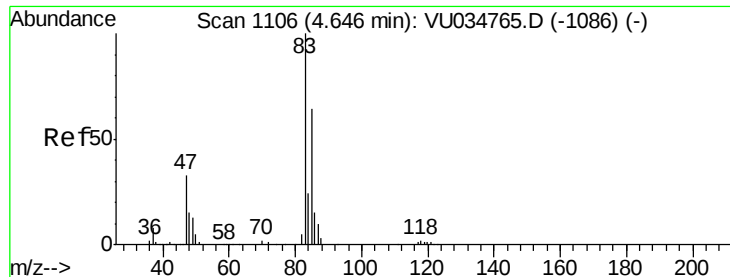
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#25

Chloroform

Concen: 1.039 ug/L

RT: 4.64 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VU034769.D

Acq: 24 Sep 2019 14:27

Instrument :

MSVOA_U

ClientSampleId :

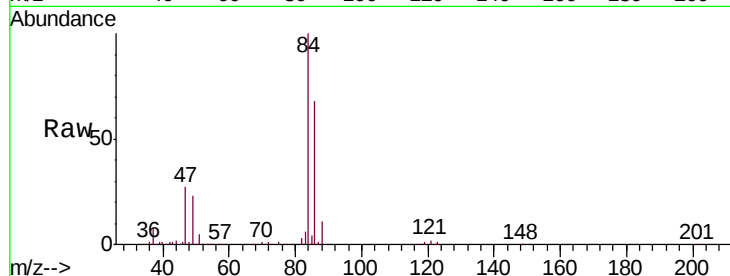
BEDL2

Tgt Ion: 83 Resp: 7527

Ion Ratio Lower Upper

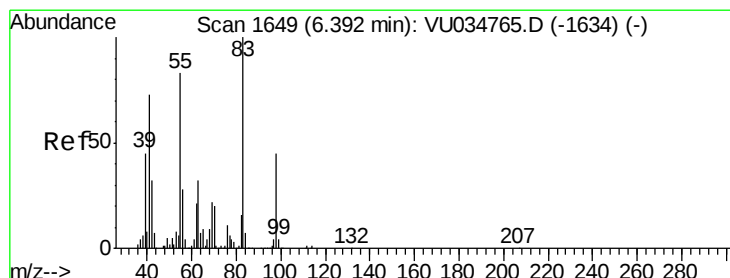
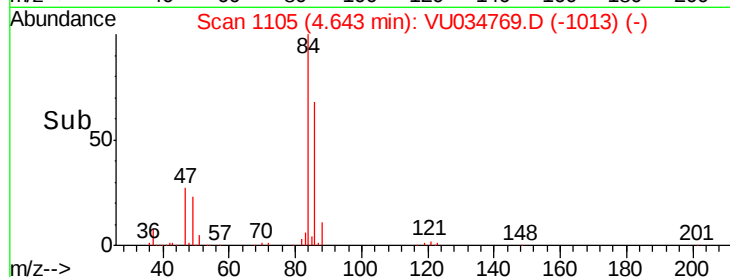
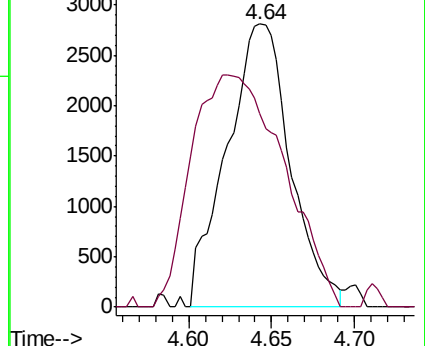
83 100

85 68.3 44.0 81.6



Abundance Ion 83.00 (82.70 to 83.70): VU034765.D (-1086) (-)

Ion 85.00 (84.70 to 85.70): VU034765.D (-1086) (-)



#35

Methylcyclohexane

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

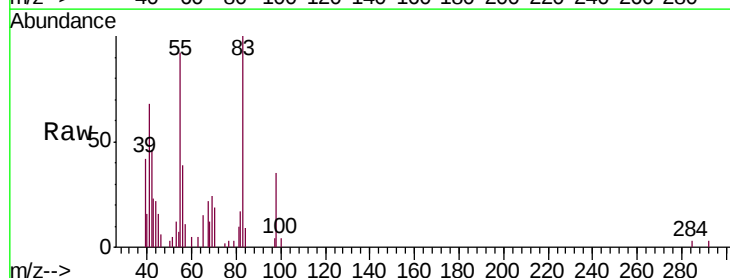
Tgt Ion: 83 Resp: 9376

Ion Ratio Lower Upper

83 100

55 98.8 71.6 107.4

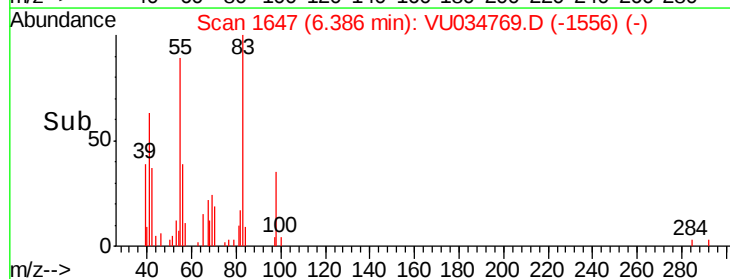
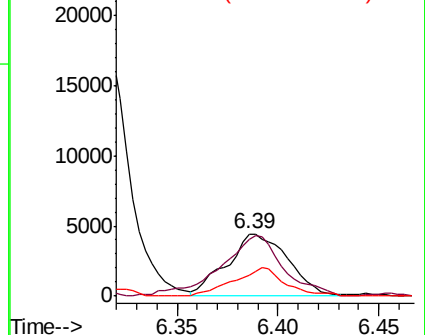
98 39.0 35.7 53.5

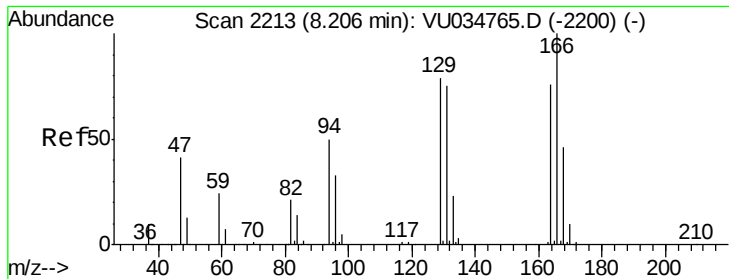


Abundance Ion 83.00 (82.70 to 83.70): VU034765.D (-1634) (-)

Ion 55.00 (54.70 to 55.70): VU034765.D (-1634) (-)

Ion 98.00 (97.70 to 98.70): VU034765.D (-1634) (-)





#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

Instrument :

MSVOA_U

ClientSampleId :

BEDL2

Tgt Ion:164 Resp: 7019

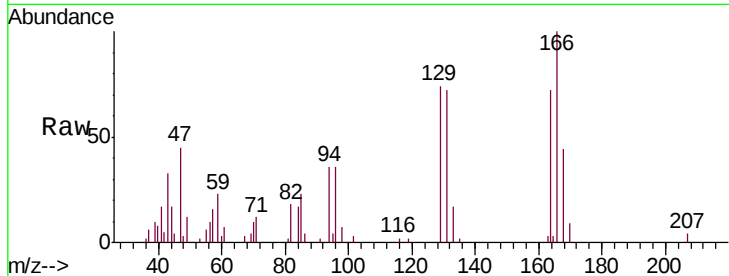
Ion Ratio Lower Upper

164 100

129 98.0 71.9 133.5

131 95.7 66.3 123.1

166 132.8 93.4 173.6



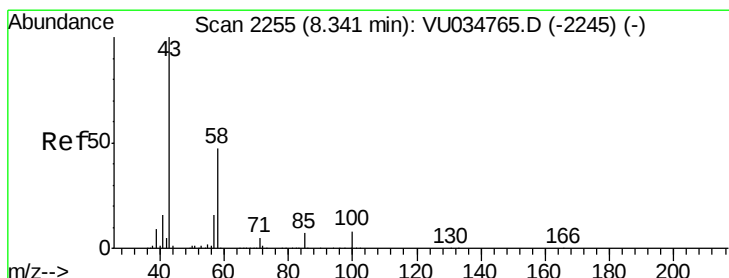
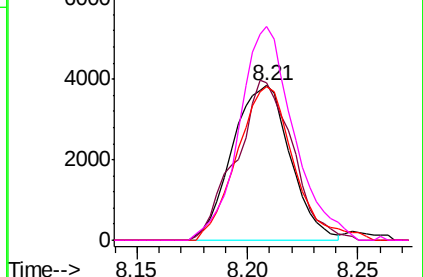
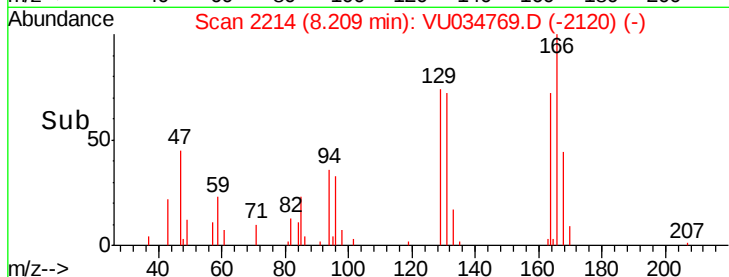
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

Time-->



#48

2-Hexanone

Concen: 6.210 ug/L

RT: 8.29 min Scan# 2239

Delta R.T. -0.05 min

Lab File: VU034769.D

Acq: 24 Sep 2019 14:27

Tgt Ion: 43 Resp: 42126

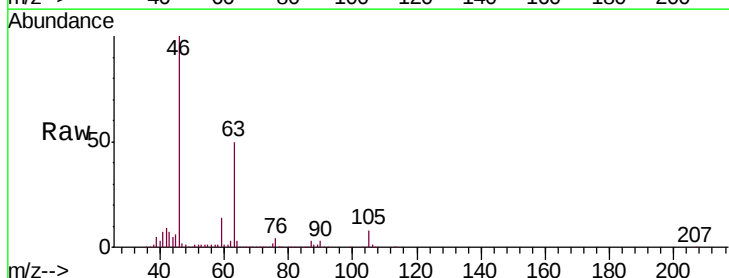
Ion Ratio Lower Upper

43 100

58 16.9 35.3 52.9#

57 32.0 12.1 18.1#

100 0.2 6.2 9.4#



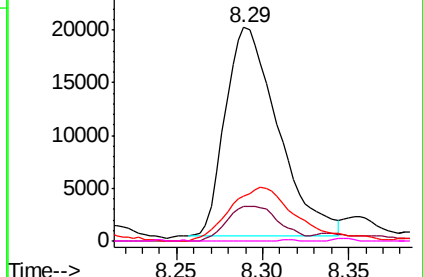
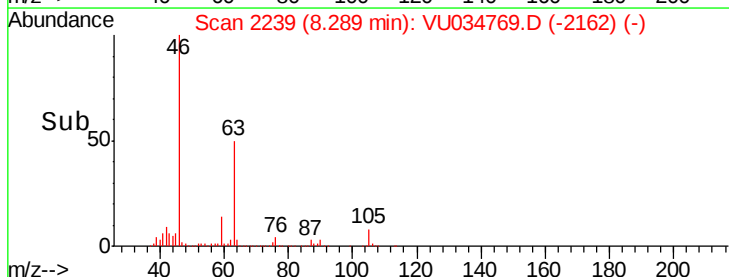
Abundance Ion 43.00 (42.70 to 43.70): VU0

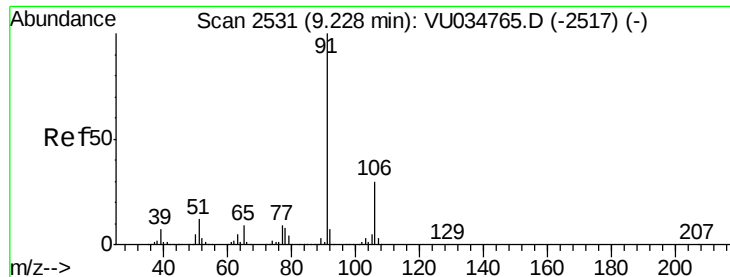
Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

Time-->





#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 :

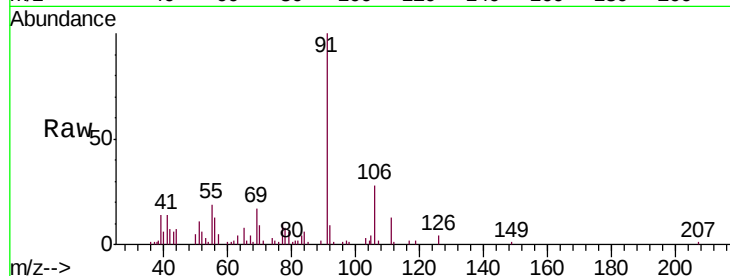
BEDL2

Tgt Ion: 91 Resp: 20184

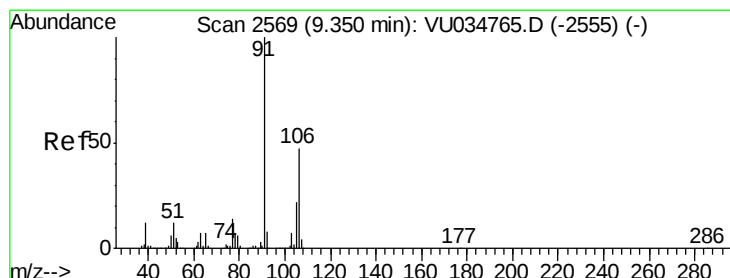
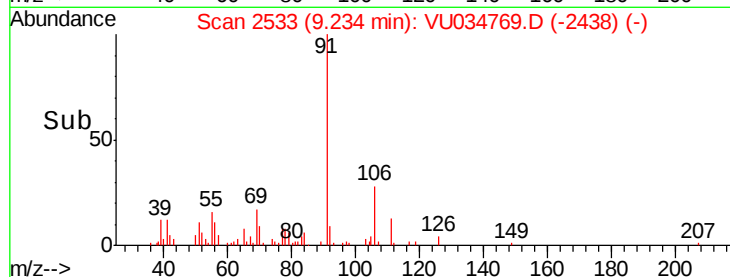
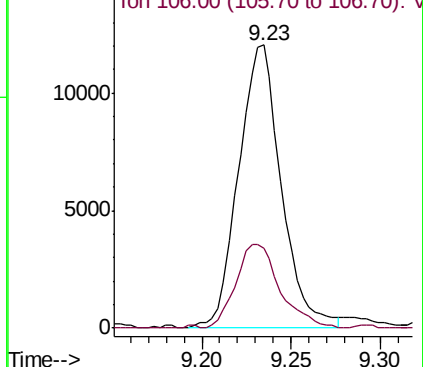
Ion Ratio Lower Upper

91 100

106 28.3 20.6 38.4



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



#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

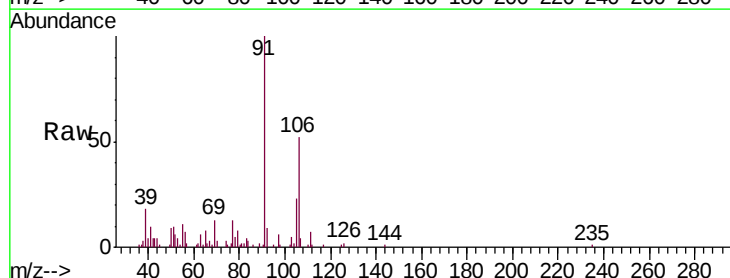
Acq: 24 Sep 2019 14:27

Tgt Ion: 106 Resp: 17542

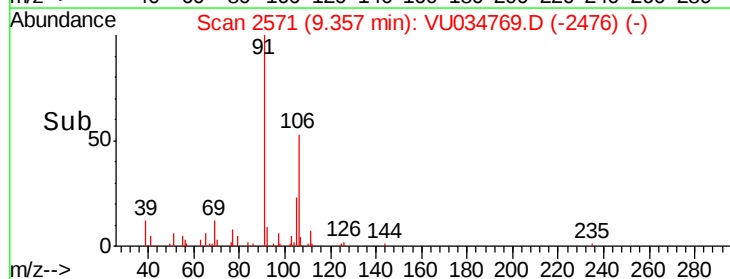
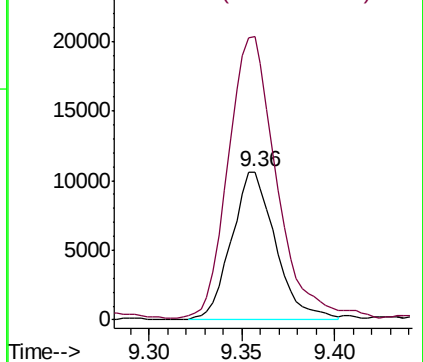
Ion Ratio Lower Upper

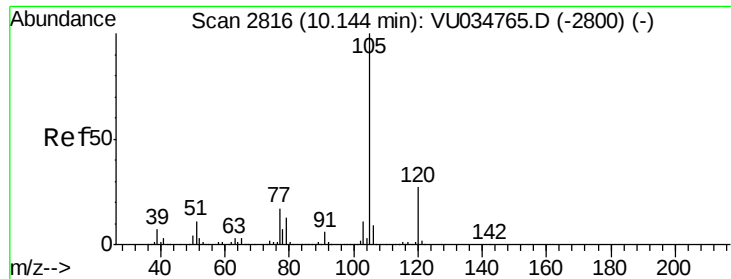
106 100

91 191.5 146.9 272.7



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





#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

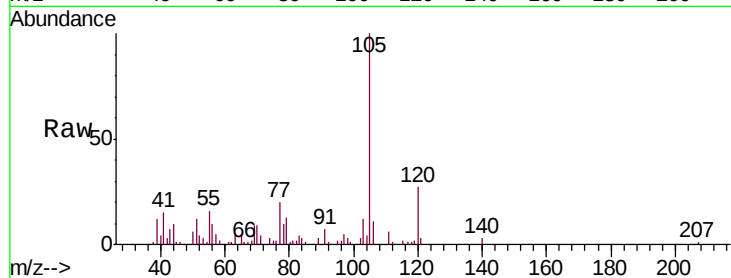
Tgt Ion:105 Resp: 21906

Ion Ratio Lower Upper

105 100

120 28.8 20.4 30.6

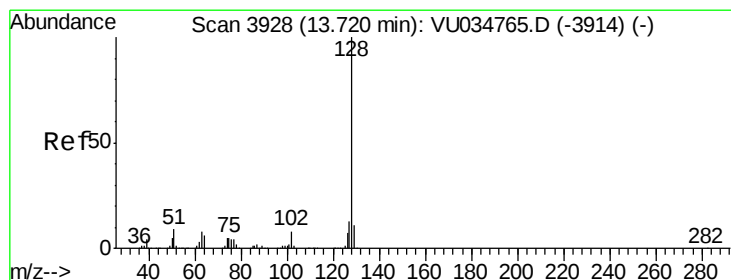
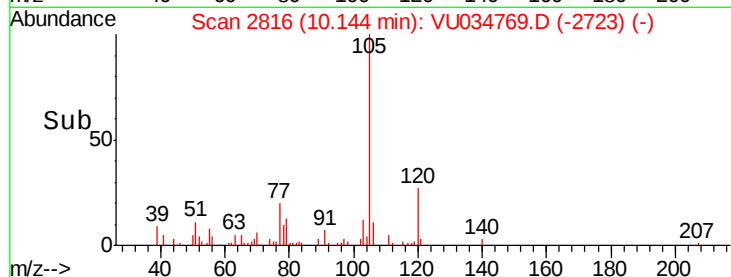
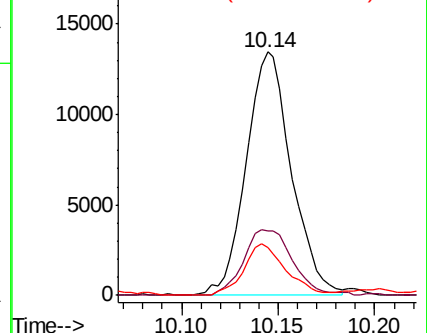
77 19.8 14.2 21.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VU



#69

Naphthalene

Concen: 1.239 ug/L

RT: 13.73 min Scan# 3930

Delta R.T. 0.01 min

Lab File: VU034769.D

Acq: 24 Sep 2019 14:27

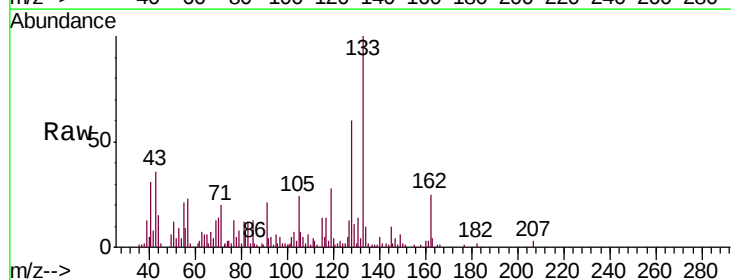
Tgt Ion:128 Resp: 15761

Ion Ratio Lower Upper

128 100

127 12.1 10.8 16.2

129 11.1 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

