

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU052919\
 Data File : VU032366.D
 Acq On : 29 May 2019 18:09
 Operator : JC/SP
 Sample : K3045-10DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C54DL

Quant Time: Jun 10 01:39:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 30 05:34:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	409278	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	384019	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	192473	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	114992	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.68	69	101776	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.27	63	167077	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.80%
20) 2-Butanone-d5	4.19	46	317994	49.05	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.10%
24) Chloroform-d	4.64	84	227675	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.60%
26) 1,2-Dichloroethane-d4	5.31	65	120737	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
32) Benzene-d6	5.33	84	491163	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.33	67	149239	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.40%
41) Toluene-d8	7.56	98	449252	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	7.85	79	53805	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.31	63	268016	52.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	120167	3.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	68.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	185444	3.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	70.00%#

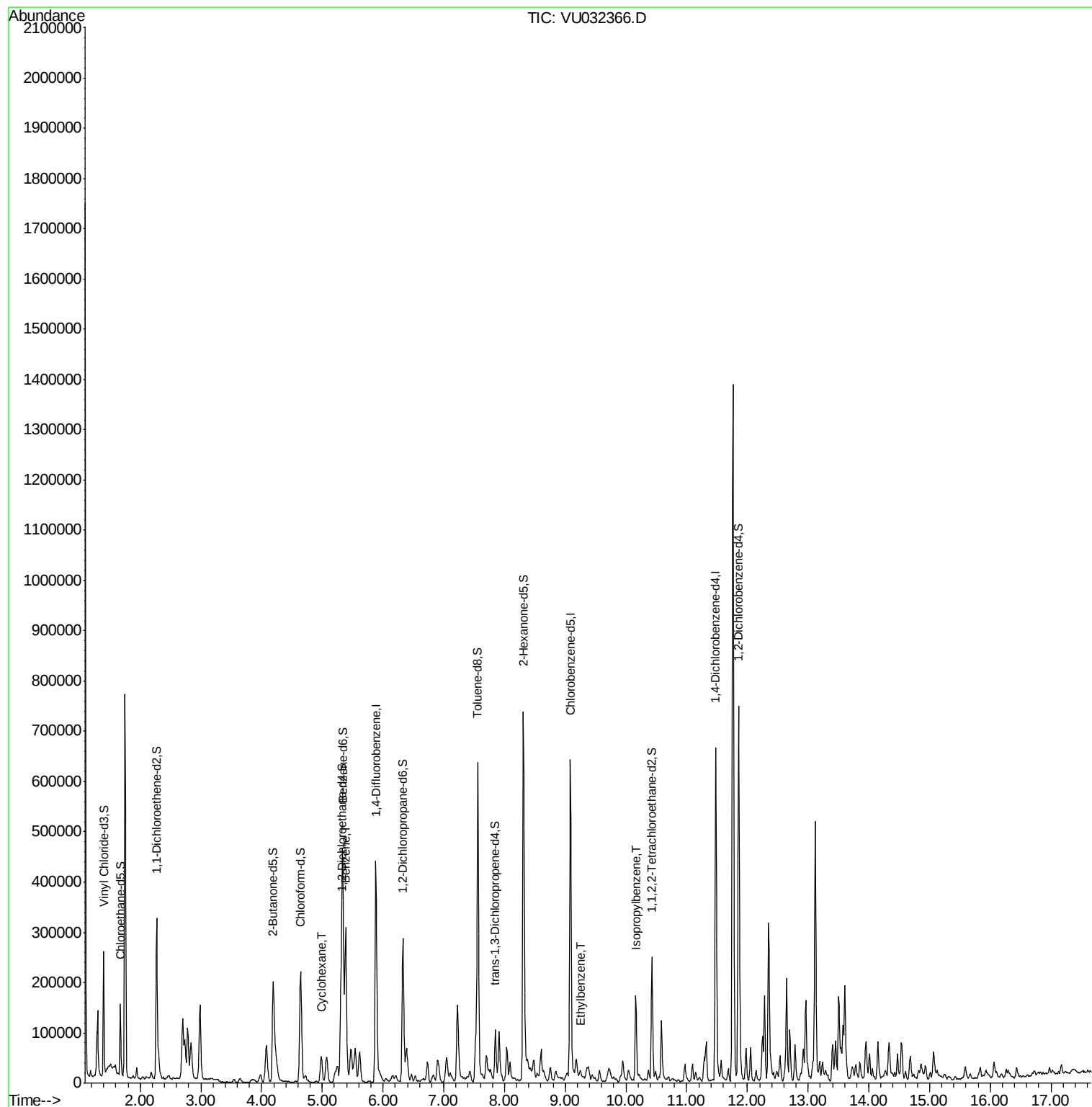
Target Compounds					Ovalue
30) Cyclohexane	4.98	56	25721	1.380 ug/L	92
33) Benzene	5.38	78	310509	5.977 ug/L	100
52) Ethylbenzene	9.25	91	6480	0.117 ug/L	99
56) Isopropylbenzene	10.16	105	111227	2.131 ug/L	98

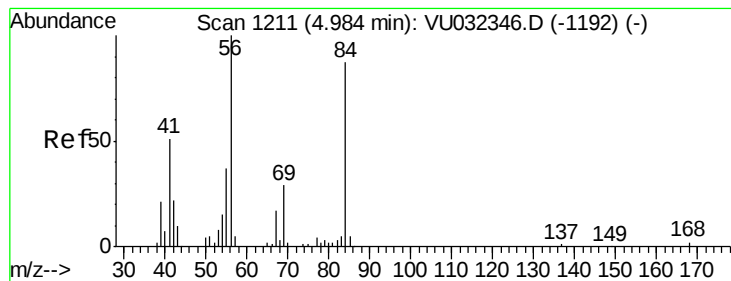
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU052919\
Data File : VU032366.D
Acq On : 29 May 2019 18:09
Operator : JC/SP
Sample : K3045-10DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0C54DL

Quant Time: Jun 10 01:39:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 30 05:34:28 2019
Response via : Initial Calibration





#30

Cyclohexane

Concen: 1.380 ug/L

RT: 4.98 min Scan# 1211

Delta R.T. 0.00 min

Lab File: VU032366.D

Acq: 29 May 2019 18:09

Instrument :

MSVOA_U

ClientSampleId :

C0C54DL

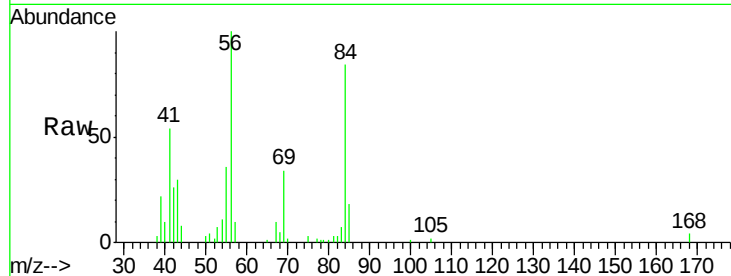
Tot Ion: 56 Resp: 25721

Ion Ratio Lower Upper

56 100

69 33.2 26.6 39.8

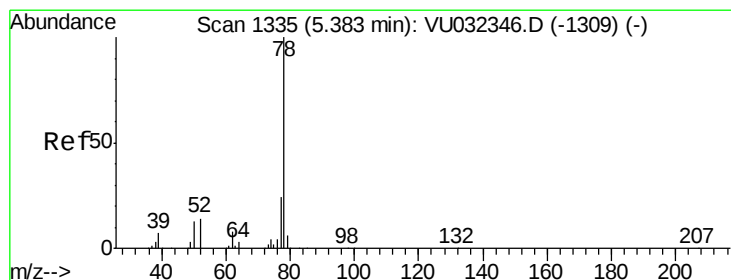
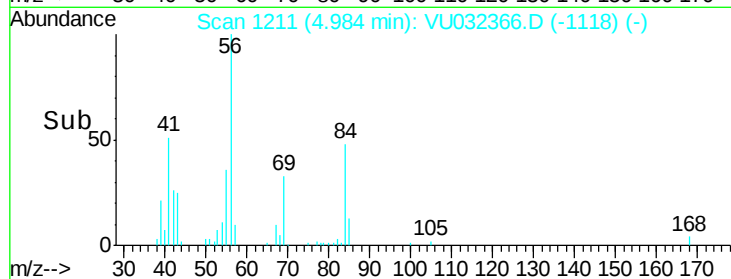
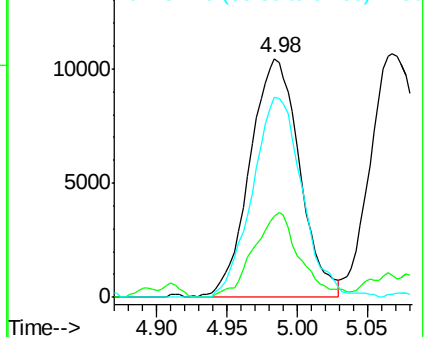
84 83.3 75.0 112.6



Abundance Ion 56.10 (55.80 to 56.80): VU032366.D (-1192) (-)

Ion 69.15 (68.85 to 69.85): VU032366.D (-1192) (-)

Ion 84.15 (83.85 to 84.85): VU032366.D (-1192) (-)



#33

Benzene

Concen: 5.977 ug/L

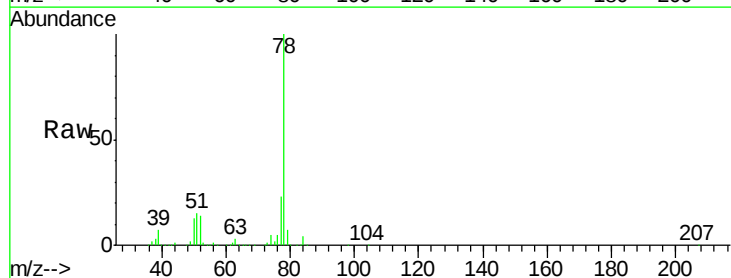
RT: 5.38 min Scan# 1335

Delta R.T. 0.00 min

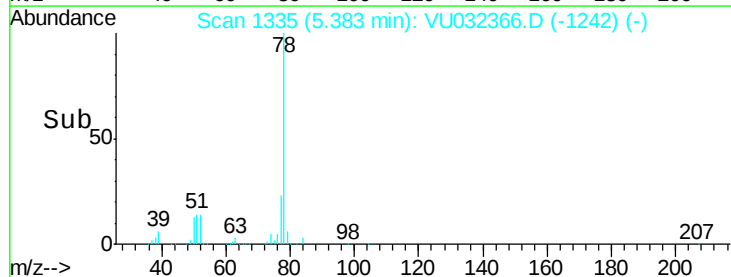
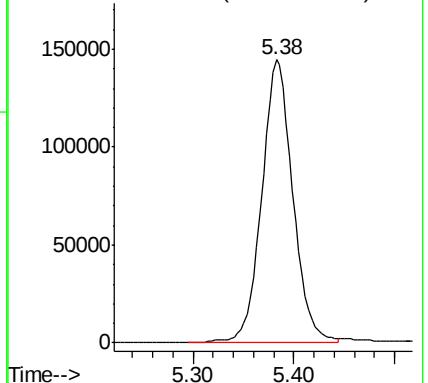
Lab File: VU032366.D

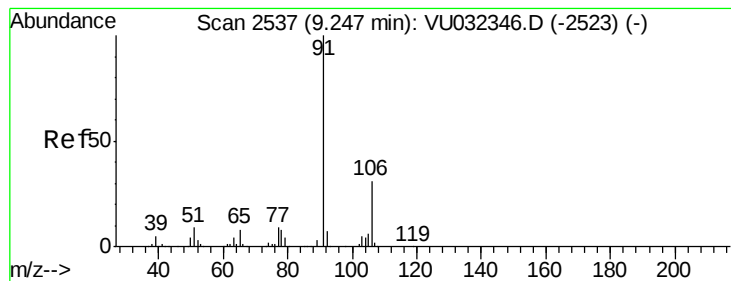
Acq: 29 May 2019 18:09

Tgt Ion: 78 Resp: 310509



Abundance Ion 78.10 (77.80 to 78.80): VU032366.D (-1309) (-)





#52

Ethylbenzene

Concen: 0.117 ug/L

RT: 9.25 min Scan# 2539

Delta R.T. 0.01 min

Lab File: VU032366.D

Acq: 29 May 2019 18:09

Instrument :

MSVOA_U

ClientSampleId :

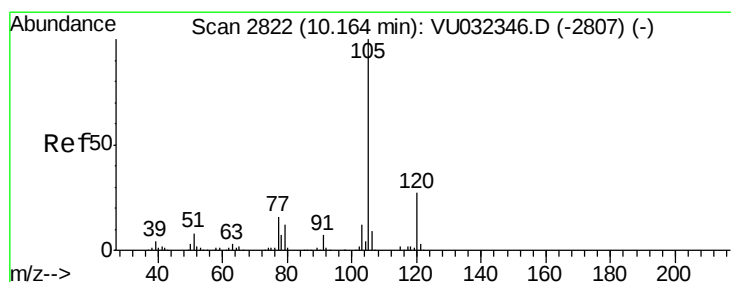
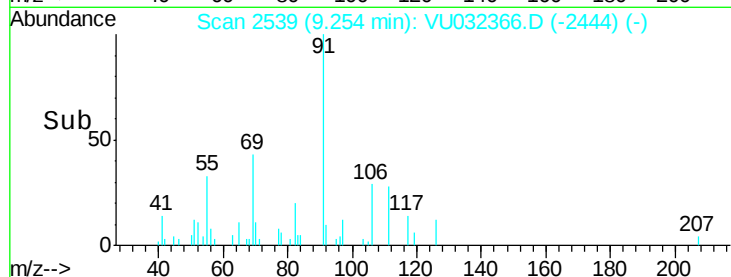
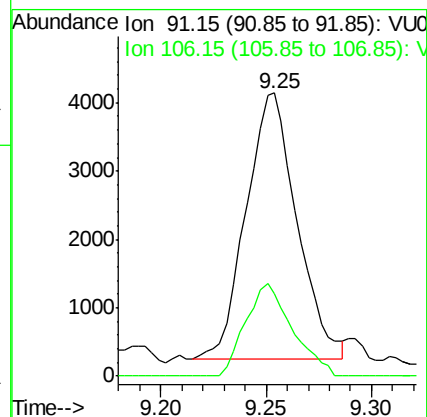
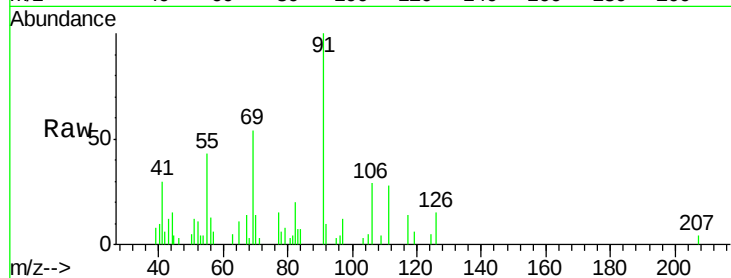
C0C54DL

Tot Ion: 91 Resp: 6480

Ion Ratio Lower Upper

91 100

106 29.1 20.9 38.9



#56

Isopropylbenzene

Concen: 2.131 ug/L

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU032366.D

Acq: 29 May 2019 18:09

Tgt Ion: 105 Resp: 111227

Ion Ratio Lower Upper

105 100

120 25.9 21.0 31.6

77 16.1 11.9 17.9

