

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
 Data File : VU032355.D
 Acq On : 29 May 2019 12:51
 Operator : JC/SP
 Sample : K3045-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C48

Quant Time: May 30 07:23:46 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	418156	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	418915	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	213882	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	131653	5.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.20%
7) Chloroethane-d5	1.68	69	117818	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.60%
11) 1,1-Dichloroethene-d2	2.27	63	197180	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.20%
20) 2-Butanone-d5	4.19	46	324291	48.96	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.92%
24) Chloroform-d	4.64	84	246504	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
26) 1,2-Dichloroethane-d4	5.31	65	122785	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.20%
32) Benzene-d6	5.33	84	539872	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.33	67	159357	4.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.60%
41) Toluene-d8	7.56	98	524822	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	7.85	79	60277	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.31	63	276256	49.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	134371	3.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	70.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	205627	3.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	69.80%#

Target Compounds

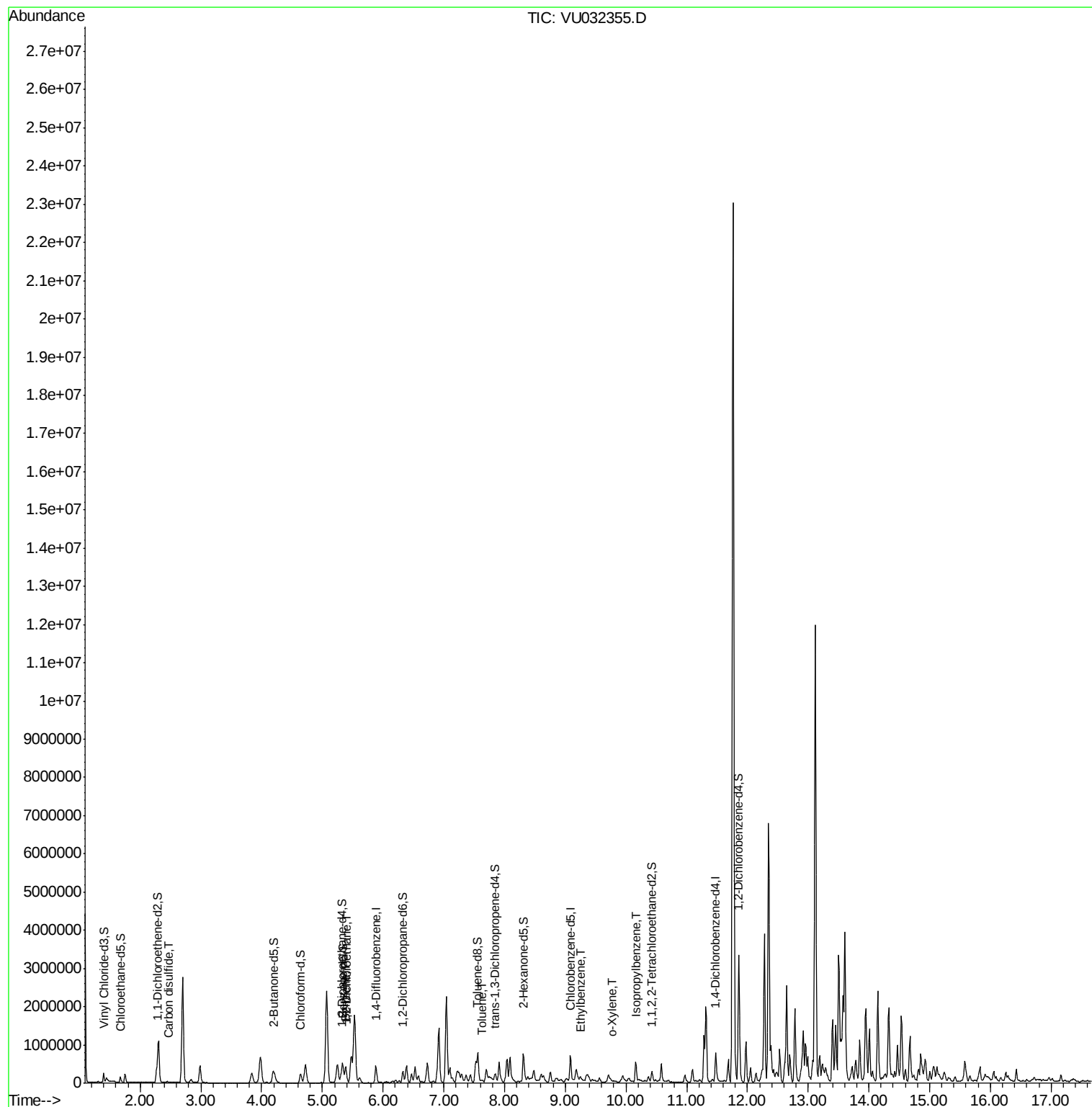
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
14) Carbon disulfide	2.48	76	5007	0.109	ug/L #	74
27) 1,2-Dichloroethane	5.40	62	20946	1.351	ug/L #	52
33) Benzene	5.38	78	438374	7.736	ug/L	100
42) Toluene	7.64	91	22195	0.369	ug/L	90
52) Ethylbenzene	9.25	91	51074	0.843	ug/L	96
54) o-Xylene	9.78	106	6682	0.297	ug/L	84
56) Isopropylbenzene	10.16	105	348106	6.114	ug/L	99

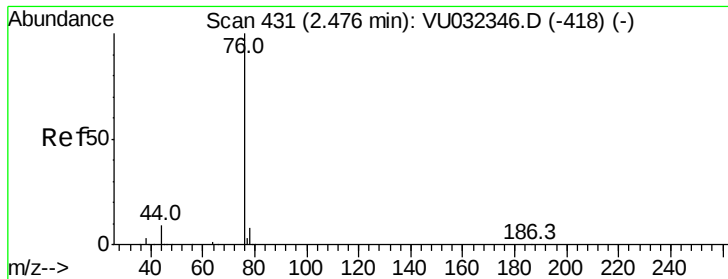
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#14

Carbon disulfide

Concen: 0.109 ug/L

RT: 2.48 min Scan# 431

Delta R.T. 0.00 min

Lab File: VU032355.D

Acq: 29 May 2019 12:51

Instrument :

MSVOA_U

ClientSampleId :

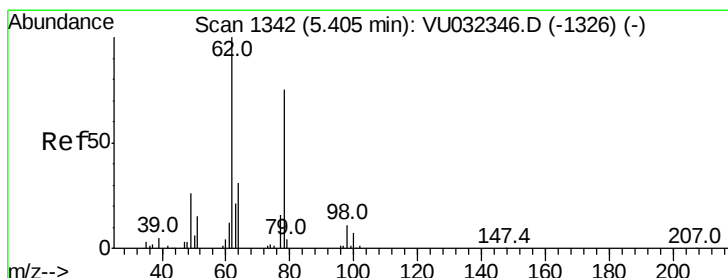
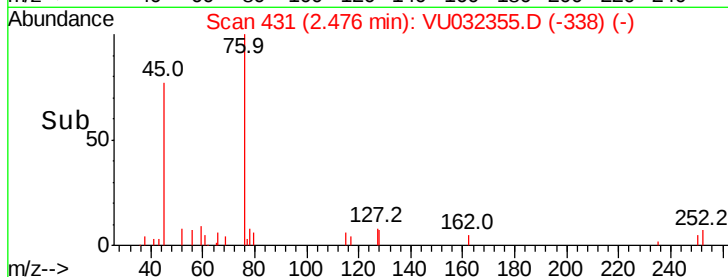
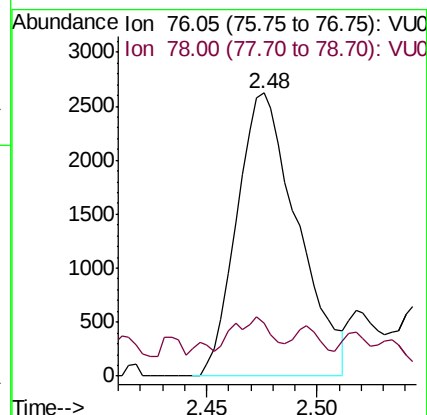
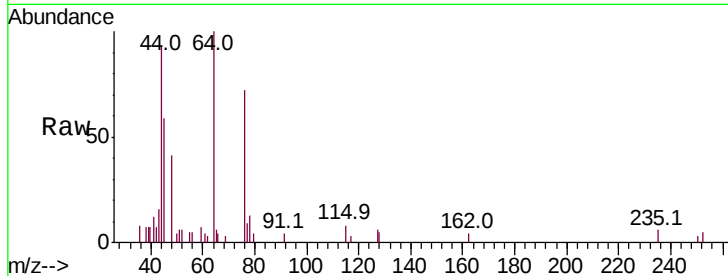
C0C48

Tot Ion: 76 Resp: 5007

Ion Ratio Lower Upper

76 100

78 18.8 7.5 11.3#



#27

1,2-Dichloroethane

Concen: 1.351 ug/L

RT: 5.40 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VU032355.D

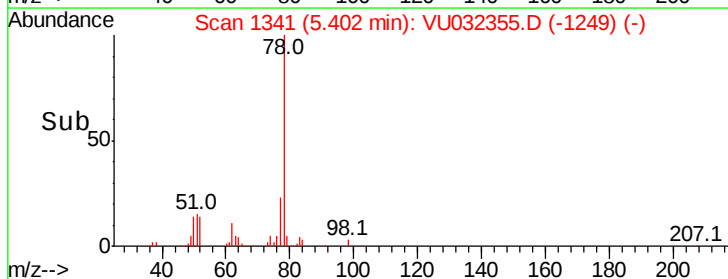
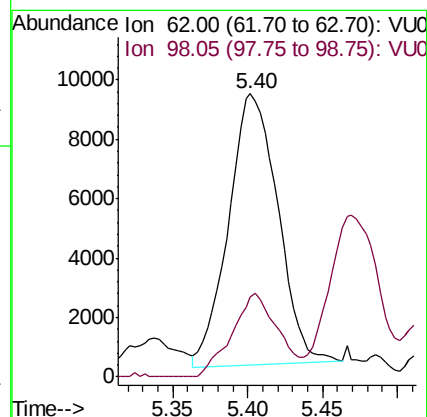
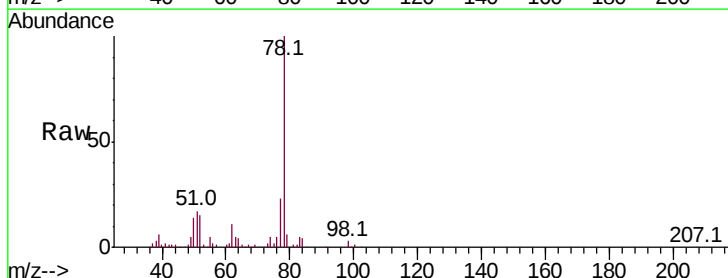
Acq: 29 May 2019 12:51

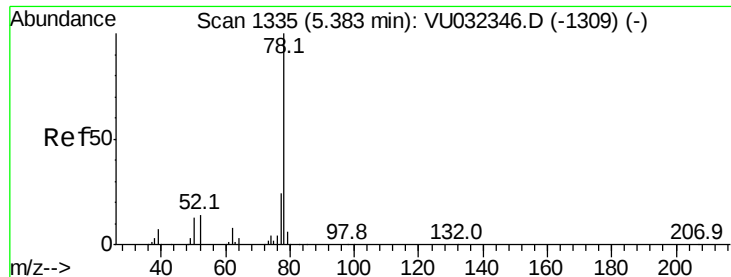
Tgt Ion: 62 Resp: 20946

Ion Ratio Lower Upper

62 100

98 28.1 8.2 12.2#





#33

Benzene

Concen: 7.736 ug/L

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU032355.D

Acq: 29 May 2019 12:51

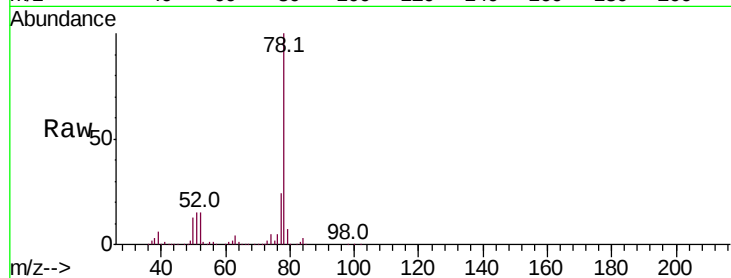
Instrument :

MSVOA_U

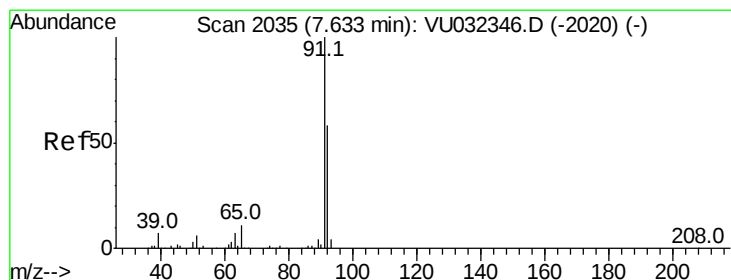
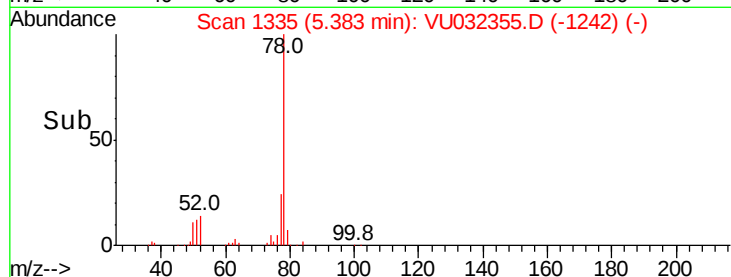
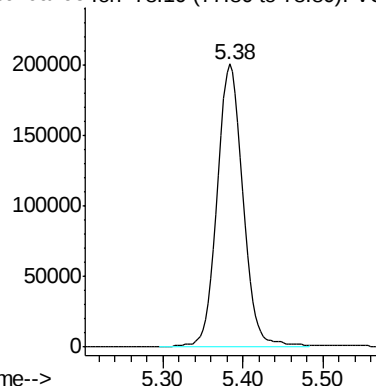
ClientSampled :

C0C48

Tgt Ion: 78 Resp: 438374



Abundance Ion 78.10 (77.80 to 78.80): VU0



#42

Toluene

Concen: 0.369 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU032355.D

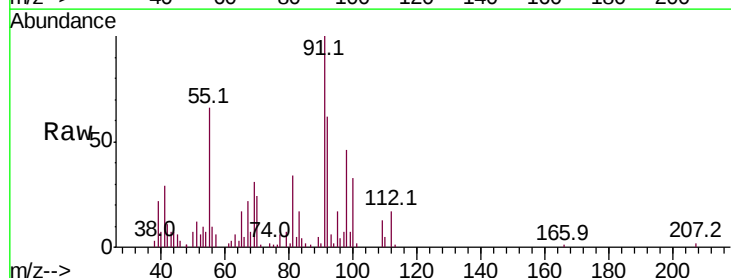
Acq: 29 May 2019 12:51

Tgt Ion: 91 Resp: 22195

Ion Ratio Lower Upper

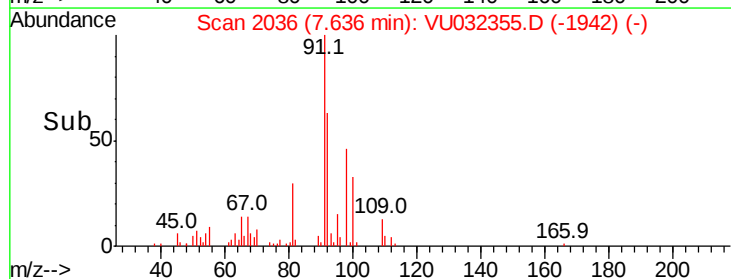
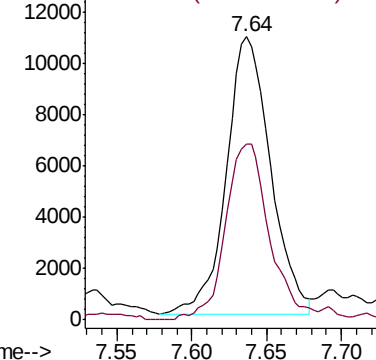
91 100

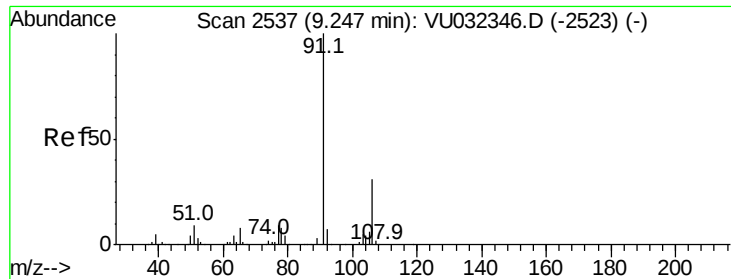
92 62.0 38.5 71.5



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

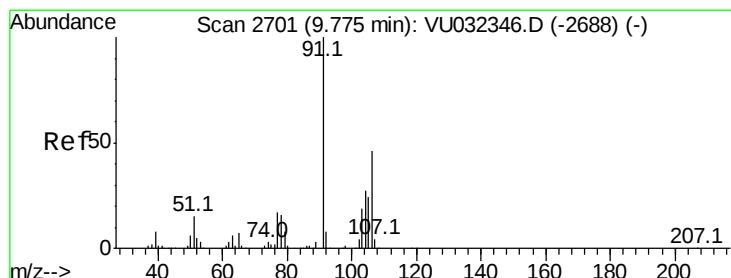
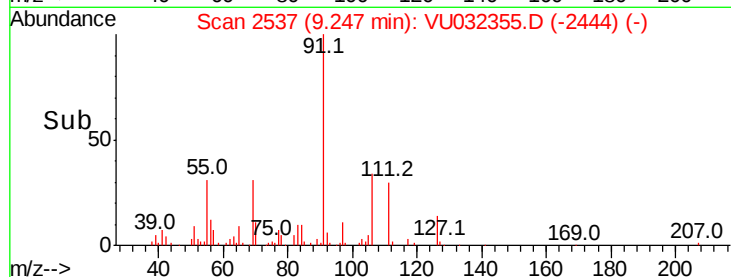
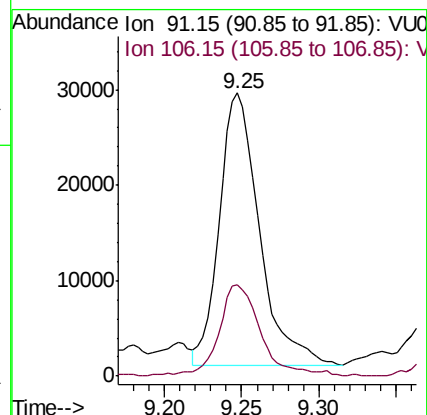
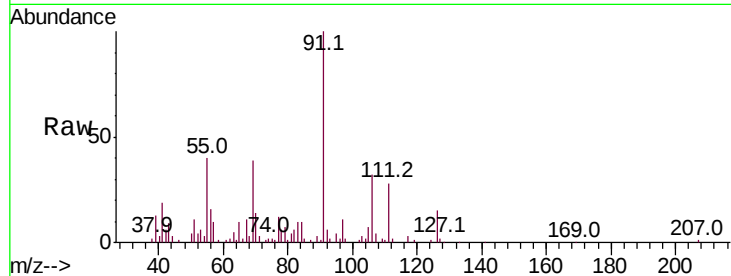




#52
Ethylbenzene
Concen: 0.843 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU032355.D
Acq: 29 May 2019 12:51

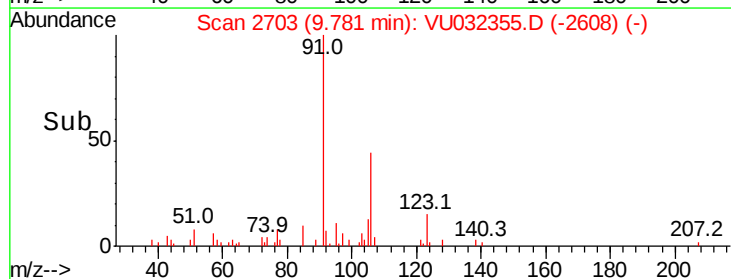
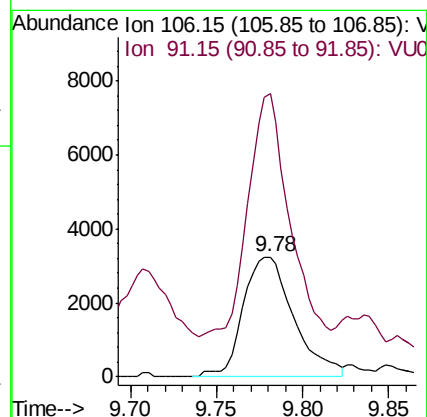
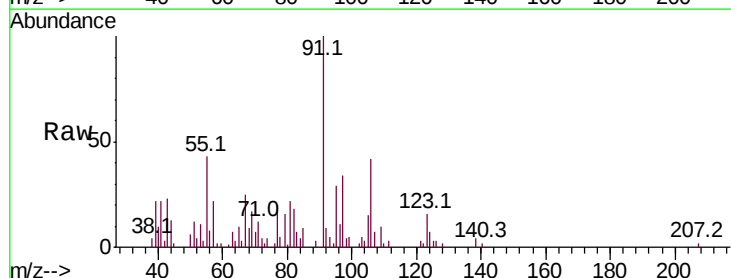
Instrument :
MSVOA_U
ClientSampleId :
C0C48

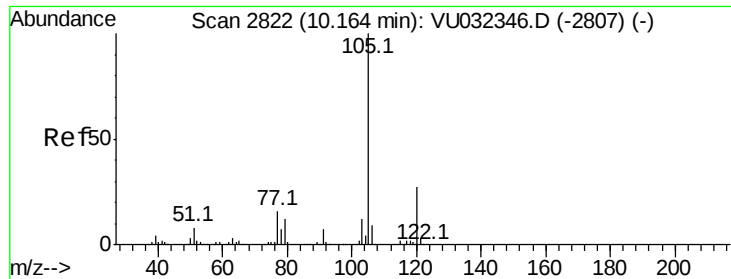
Tot Ion: 91 Resp: 51074
Ion Ratio Lower Upper
91 100
106 32.2 20.9 38.9



#54
o-Xylene
Concen: 0.297 ug/L
RT: 9.78 min Scan# 2703
Delta R.T. 0.01 min
Lab File: VU032355.D
Acq: 29 May 2019 12:51

Tgt Ion: 106 Resp: 6682
Ion Ratio Lower Upper
106 100
91 236.6 147.8 274.4





#56

Isopropylbenzene

Concen: 6.114 ug/L

RT: 10.16 min Scan# 2821

Delta R.T. -0.00 min

Lab File: VU032355.D

Acq: 29 May 2019 12:51

Instrument :

MSVOA_U

ClientSampleId :

C0C48

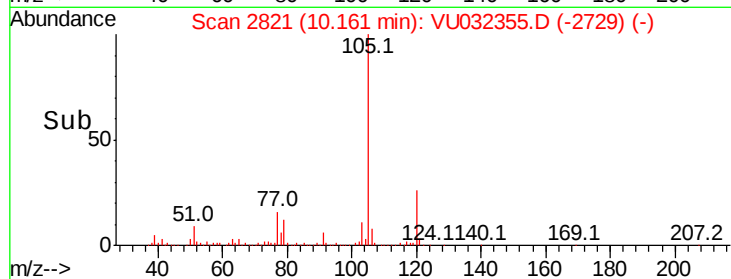
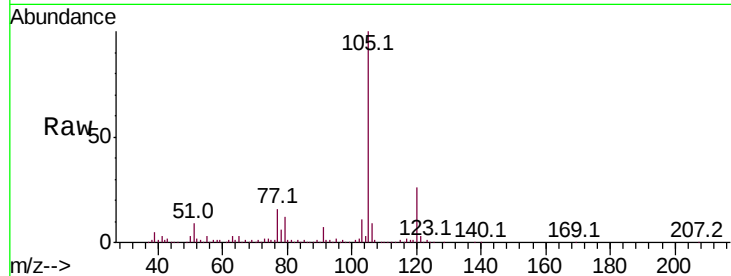
Tot Ion:105 Resp: 348106

Ion Ratio Lower Upper

105 100

120 25.7 21.0 31.6

77 14.8 11.9 17.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU0

