

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
 Data File : VU032363.D
 Acq On : 29 May 2019 16:55
 Operator : JC/SP
 Sample : K3045-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C48

Quant Time: May 30 08:56:12 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	414794	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	410590	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	205558	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	113508	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.68	69	97691	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.27	63	161310	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	4.19	46	289748	44.10	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.20%
24) Chloroform-d	4.64	84	217822	3.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.20%
26) 1,2-Dichloroethane-d4	5.31	65	109588	3.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.60%#
32) Benzene-d6	5.33	84	468009	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
36) 1,2-Dichloropropane-d6	6.33	67	137423	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.60%
41) Toluene-d8	7.56	98	453359	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	7.85	79	53756	3.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.00%
46) 2-Hexanone-d5	8.31	63	246425	45.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	119572	3.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	63.60%#
64) 1,2-Dichlorobenzene-d4	11.85	152	186016	3.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	65.60%#

Target Compounds

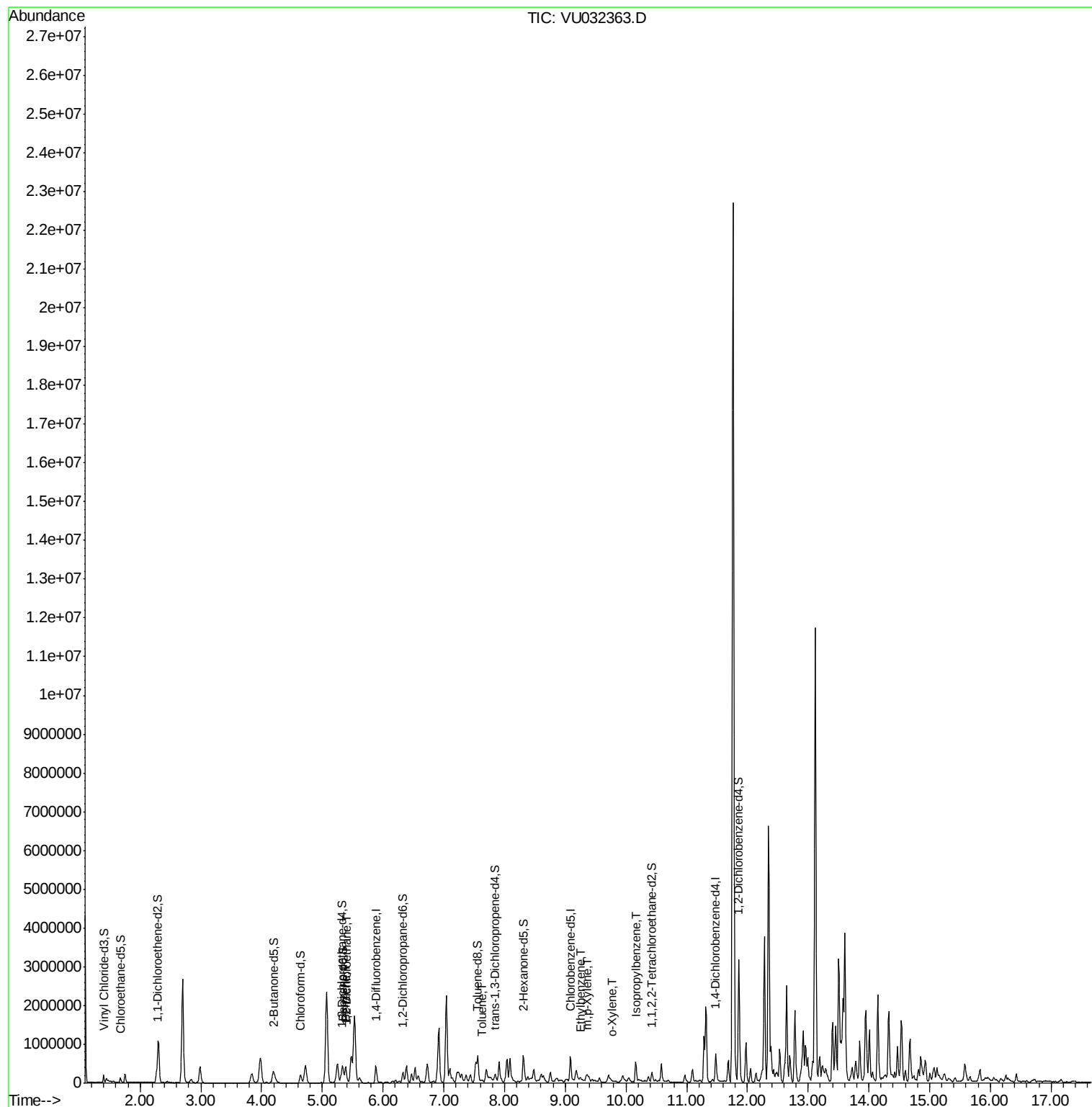
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
27) 1,2-Dichloroethane	5.40	62	22764	1.480	ug/L #	62
33) Benzene	5.38	78	429477	7.733	ug/L	100
42) Toluene	7.64	91	24853	0.421	ug/L	90
52) Ethylbenzene	9.25	91	47820	0.805	ug/L	100
53) m,p-Xylene	9.37	106	4334	0.196	ug/L	71
54) o-Xylene	9.78	106	6020	0.273	ug/L	98
56) Isopropylbenzene	10.16	105	338023	6.057	ug/L	99

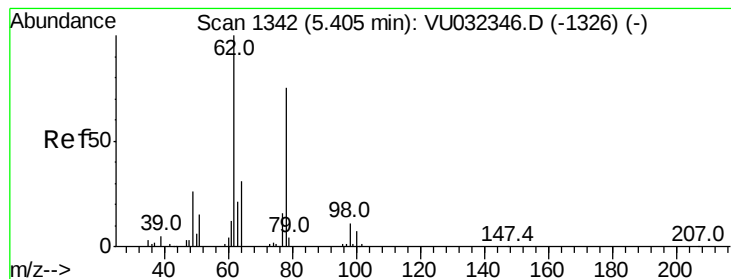
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#27

1,2-Dichloroethane

Concen: 1.480 ug/L

RT: 5.40 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VU032363.D

Acq: 29 May 2019 16:55

Instrument :

MSVOA_U

ClientSampleId :

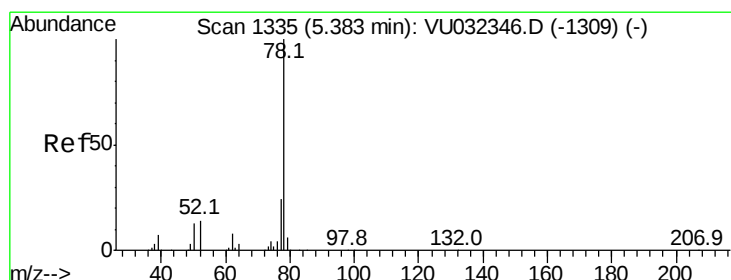
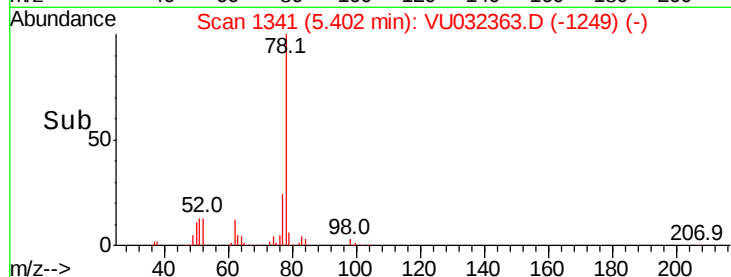
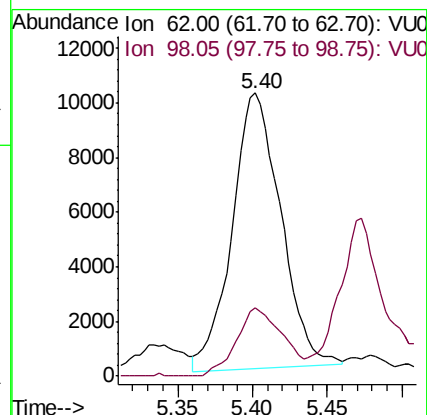
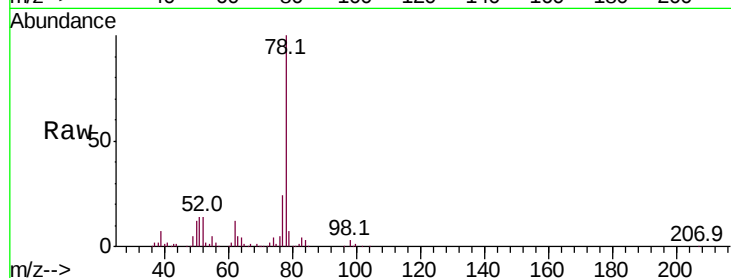
C0C48

Tot Ion: 62 Resp: 22764

Ion Ratio Lower Upper

62 100

98 24.2 8.2 12.2#



#33

Benzene

Concen: 7.733 ug/L

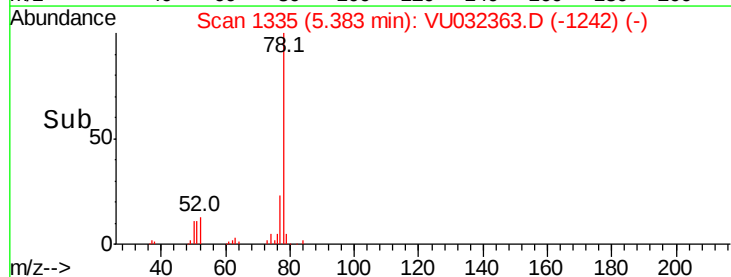
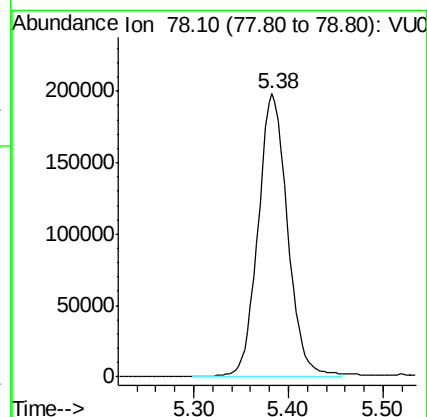
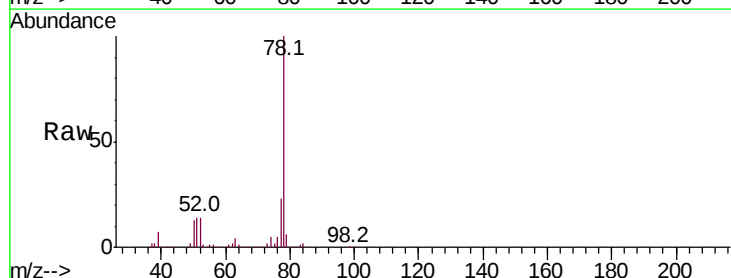
RT: 5.38 min Scan# 1335

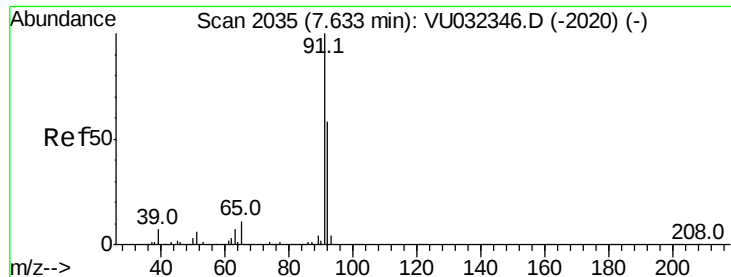
Delta R.T. -0.00 min

Lab File: VU032363.D

Acq: 29 May 2019 16:55

Tgt Ion: 78 Resp: 429477





#42

Toluene

Concen: 0.421 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU032363.D

Acq: 29 May 2019 16:55

Instrument :

MSVOA_U

ClientSampleId :

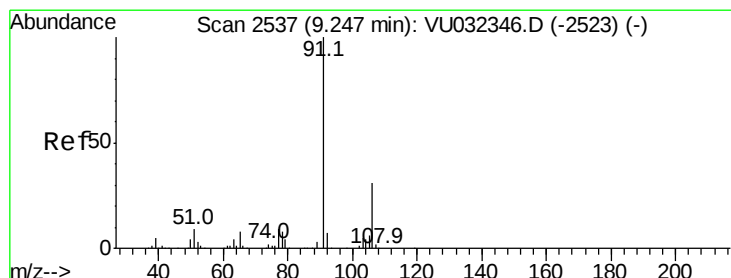
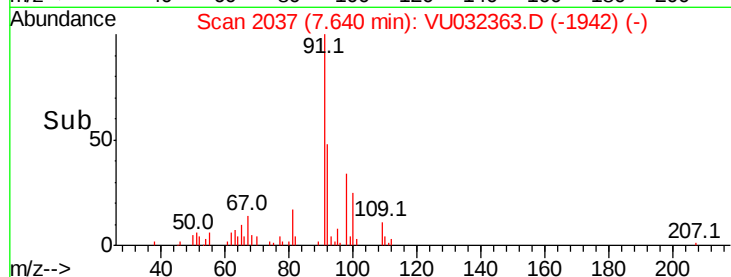
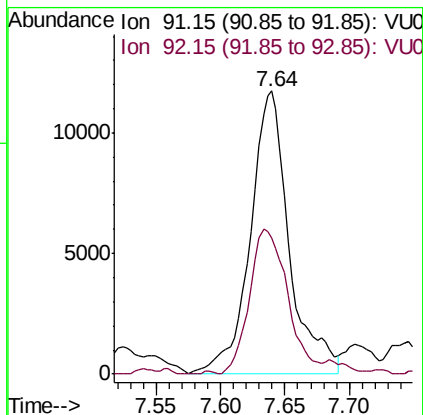
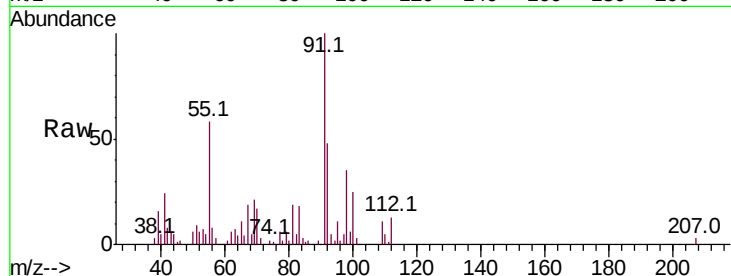
C0C48

Tot Ion: 91 Resp: 24853

Ion Ratio Lower Upper

91 100

92 48.0 38.5 71.5



#52

Ethylbenzene

Concen: 0.805 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. 0.00 min

Lab File: VU032363.D

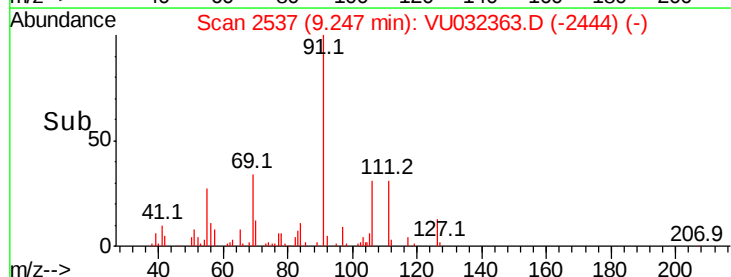
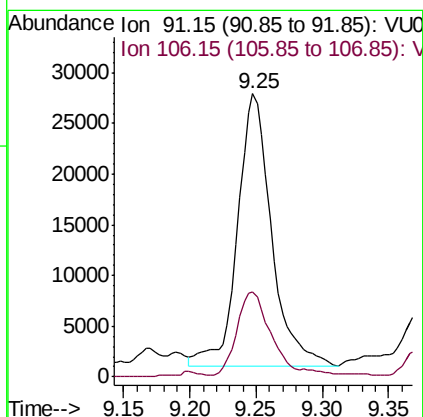
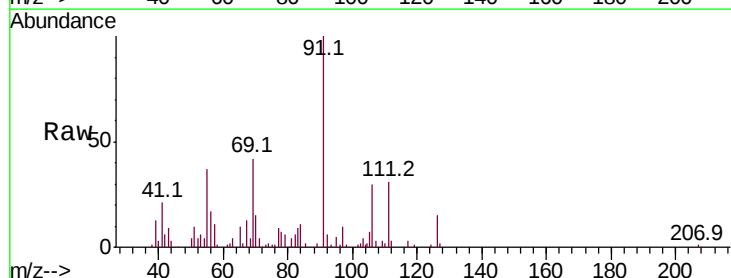
Acq: 29 May 2019 16:55

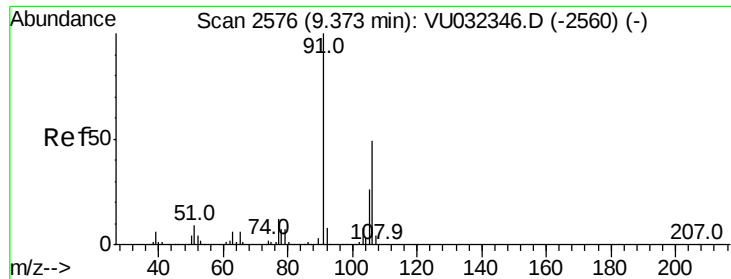
Tgt Ion: 91 Resp: 47820

Ion Ratio Lower Upper

91 100

106 30.1 20.9 38.9





#53

m,p-Xylene

Concen: 0.196 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU032363.D

Acq: 29 May 2019 16:55

Instrument :

MSVOA_U

ClientSampleId :

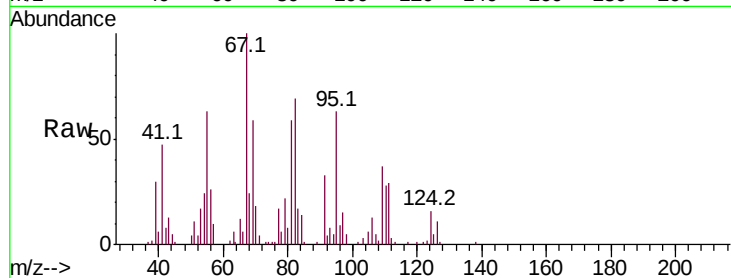
C0C48

Tot Ion:106 Resp: 4334

Ion Ratio Lower Upper

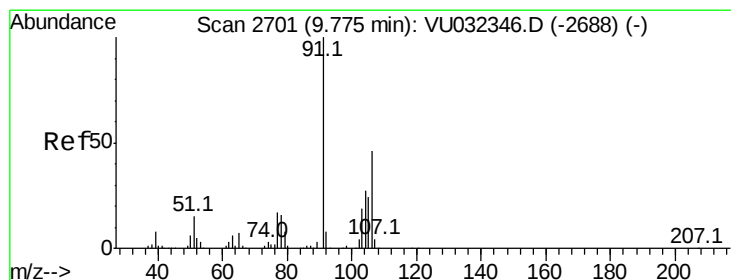
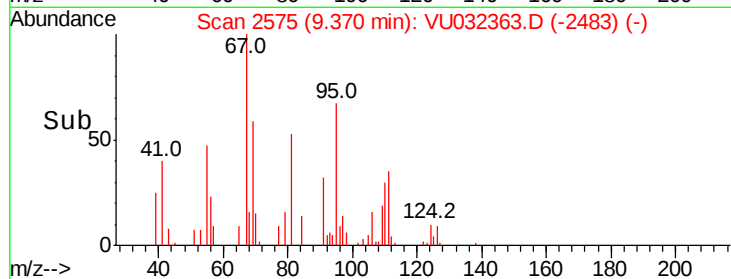
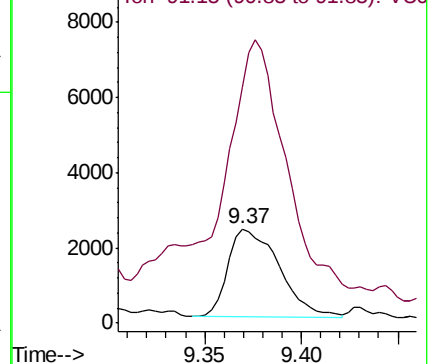
106 100

91 250.4 143.9 267.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 0.273 ug/L

RT: 9.78 min Scan# 2702

Delta R.T. 0.00 min

Lab File: VU032363.D

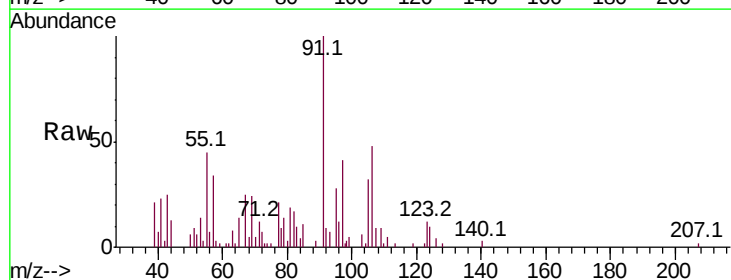
Acq: 29 May 2019 16:55

Tgt Ion:106 Resp: 6020

Ion Ratio Lower Upper

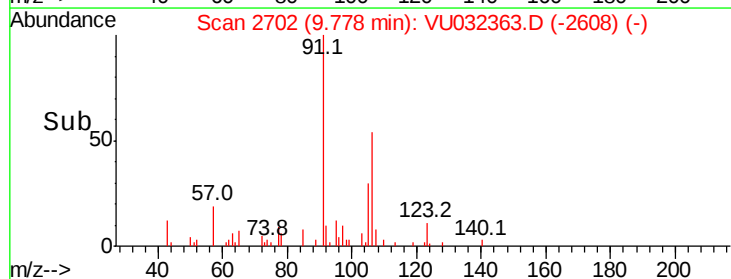
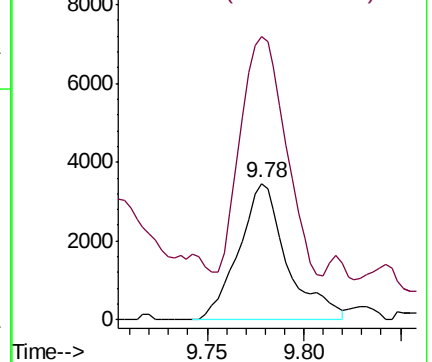
106 100

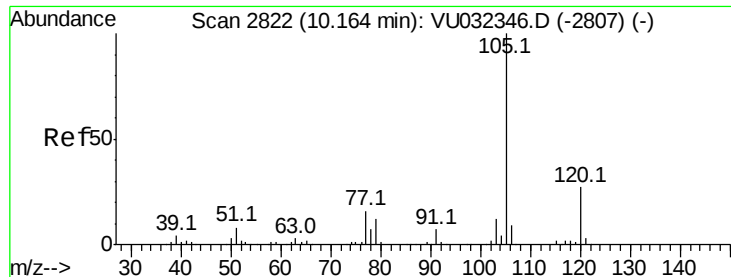
91 207.4 147.8 274.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#56

Isopropylbenzene

Concen: 6.057 ug/L

RT: 10.16 min Scan# 2821

Delta R.T. -0.00 min

Lab File: VU032363.D

Acq: 29 May 2019 16:55

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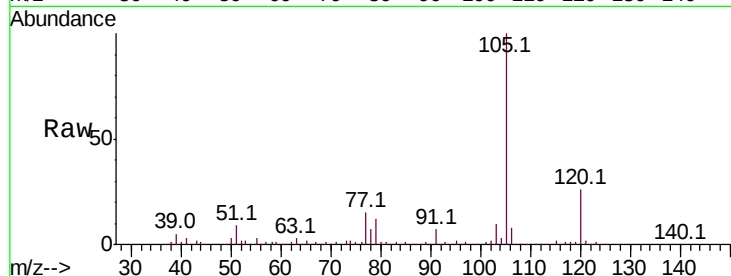
Tot Ion:105 Resp: 338023

Ion Ratio Lower Upper

105 100

120 26.7 21.0 31.6

77 14.5 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

