

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032619\
 Data File : VU030459.D
 Acq On : 26 Mar 2019 21:27
 Operator : JC/SP
 Sample : K2063-04DL 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB6R6DL

Quant Time: Mar 27 07:46:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 06:00:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	453331	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	428740	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	186679	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	180118	49.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.74%
7) Chloroethane-d5	1.67	69	144077	49.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.64%
11) 1,1-Dichloroethene-d2	2.27	63	248972	35.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.94%
21) 2-Butanone-d5	4.17	46	348289	101.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.55%
24) Chloroform-d	4.65	84	298629	47.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.02%
26) 1,2-Dichloroethane-d4	5.31	65	203914	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.14%
32) Benzene-d6	5.34	84	605178	49.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.44%
36) 1,2-Dichloropropane-d6	6.33	67	215727	51.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.56%
41) Toluene-d8	7.56	98	526533	47.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.36%
43) trans-1,3-Dichloropropene-	7.85	79	93275	47.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.32%
47) 2-Hexanone-d5	8.31	63	230009	100.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	299654	49.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	186522	49.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.74%

Target Compounds

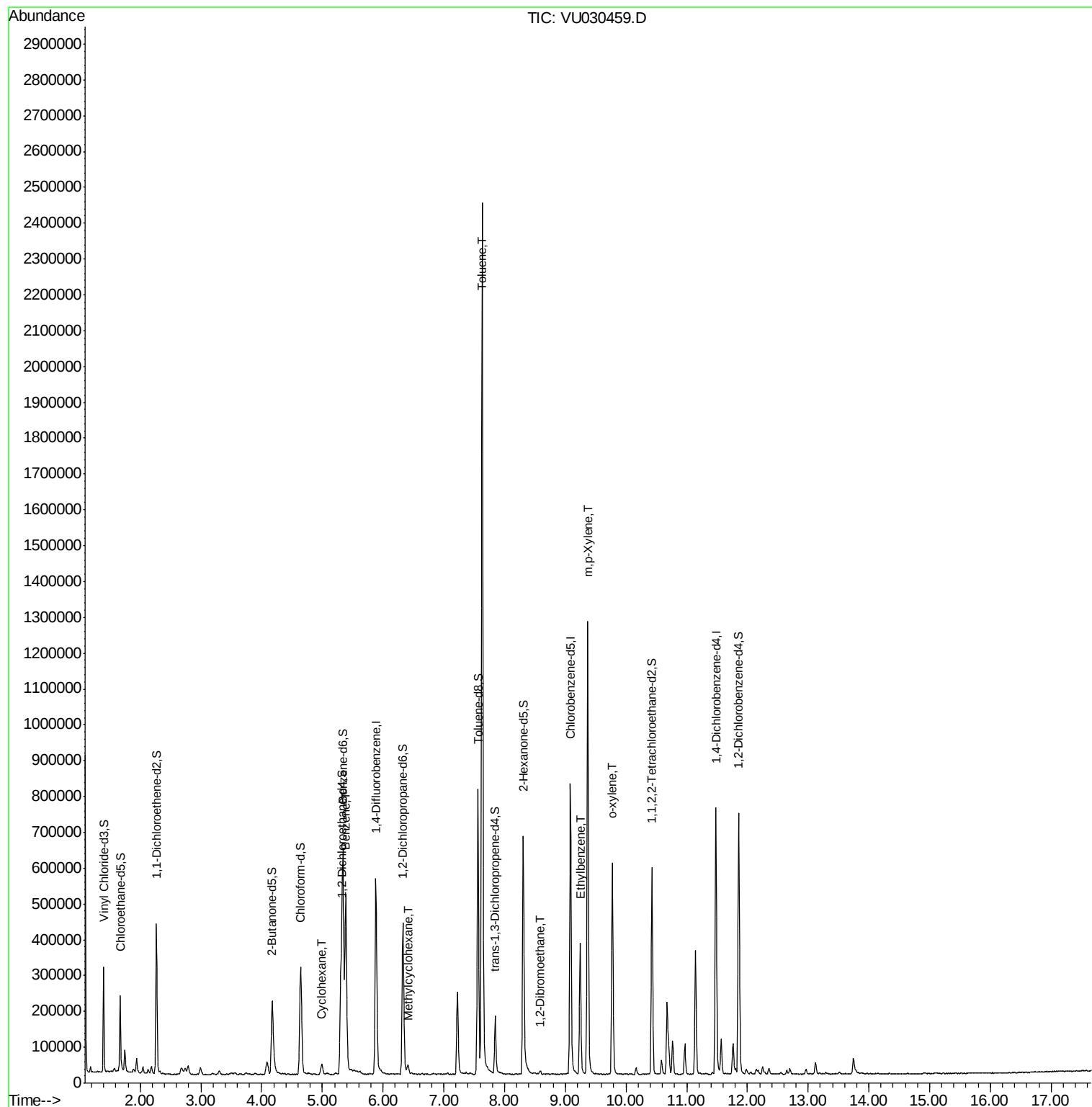
					Ovalue
29) Cyclohexane	4.99	56	14841	2.287	ug/L 97
33) Benzene	5.39	78	486312	33.321	ug/L 100
35) Methylcyclohexane	6.41	83	9383	1.589	ug/L 92
42) Toluene	7.63	91	1765501	116.559	ug/L 99
50) 1,2-Dibromoethane	8.59	107	6046	1.610	ug/L # 89
52) Ethylbenzene	9.25	91	261263	15.923	ug/L 99
53) m,p-Xylene	9.37	106	340069	57.400	ug/L 98
54) o-xylene	9.77	106	151472	26.203	ug/L 98

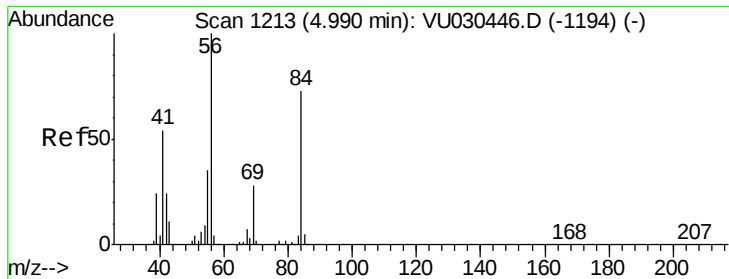
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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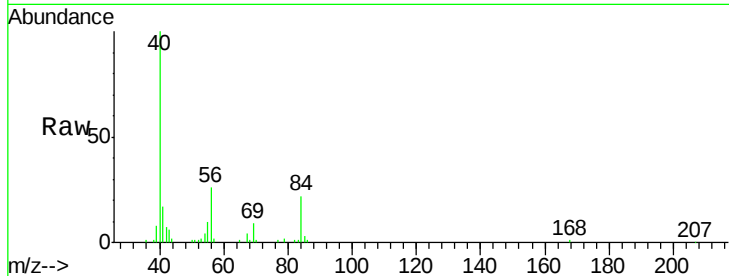




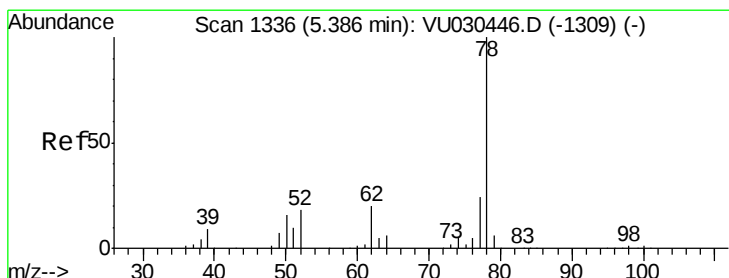
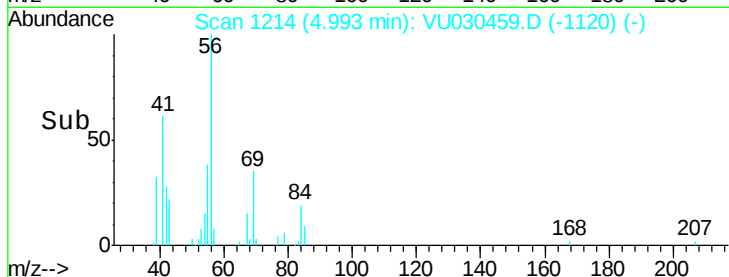
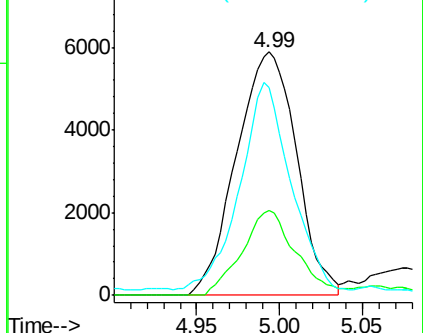
#29
Cyclohexane
Concen: 2.287 ug/L
RT: 4.99 min Scan# 1214
Delta R.T. 0.00 min
Lab File: VU030459.D
Acq: 26 Mar 2019 21:27

Instrument :
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DB6R6DL

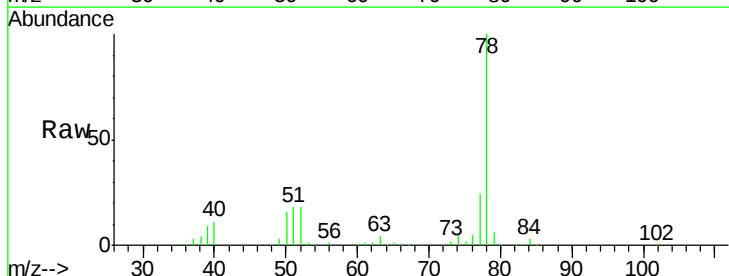
Tot Ion: 56 Resp: 14841
Ion Ratio Lower Upper
56 100
69 31.0 22.9 34.3
84 71.7 58.9 88.3



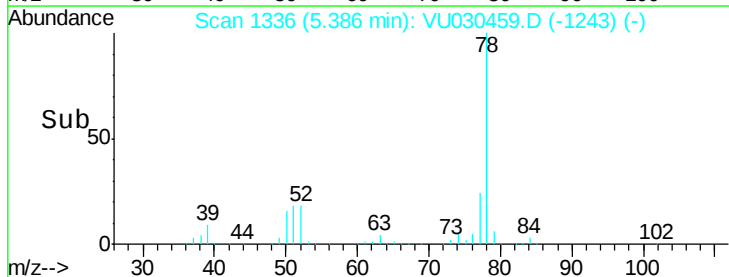
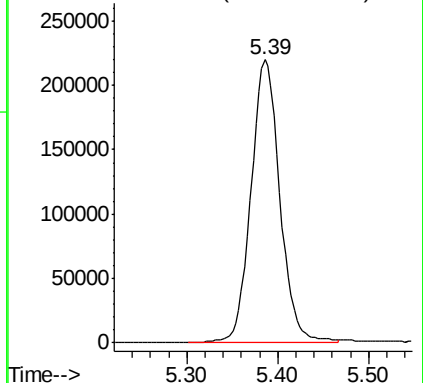
Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

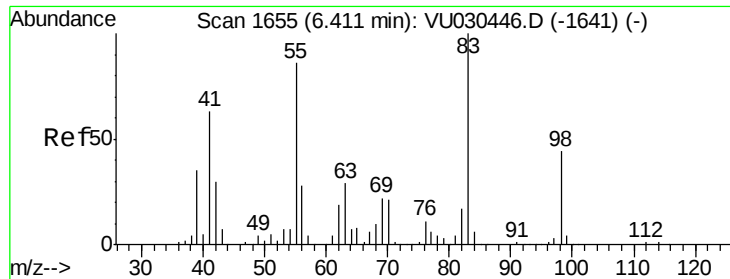


#33
Benzene
Concen: 33.321 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VU030459.D
Acq: 26 Mar 2019 21:27
Tgt Ion: 78 Resp: 486312



Abundance Ion 78.00 (77.70 to 78.70): VU0

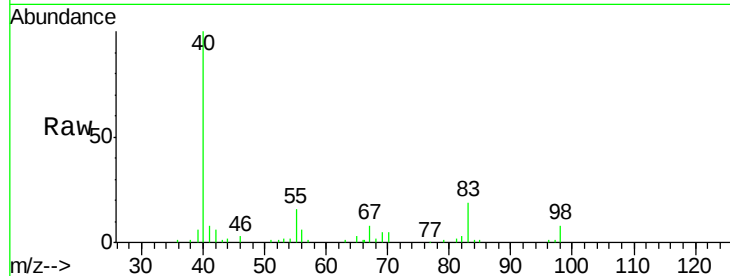




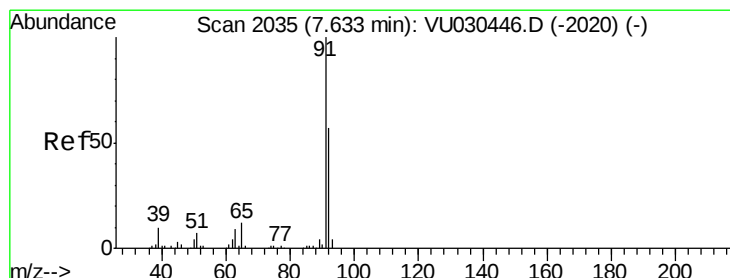
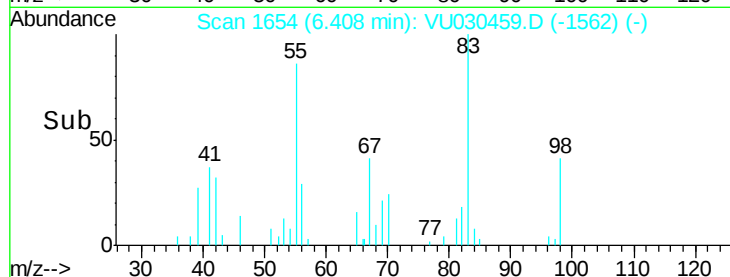
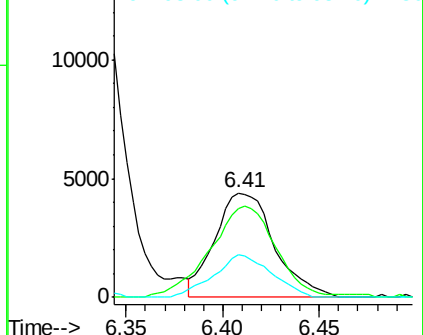
#35
Methvlcvclohexane
Concen: 1.589 ug/L
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU030459.D
Acq: 26 Mar 2019 21:27

Instrument :
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ClientSampleId :
DB6R6DL

Tot Ion: 83 Resp: 9383
Ion Ratio Lower Upper
83 100
55 96.8 71.4 107.0
98 39.5 36.0 54.0

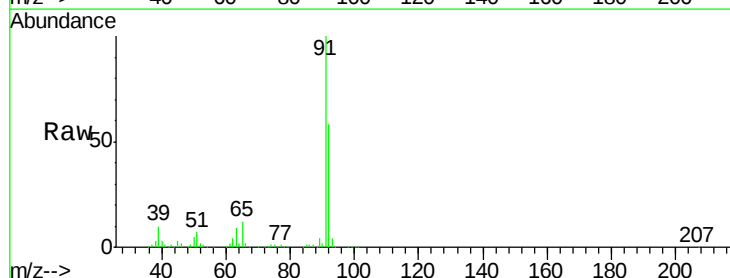


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

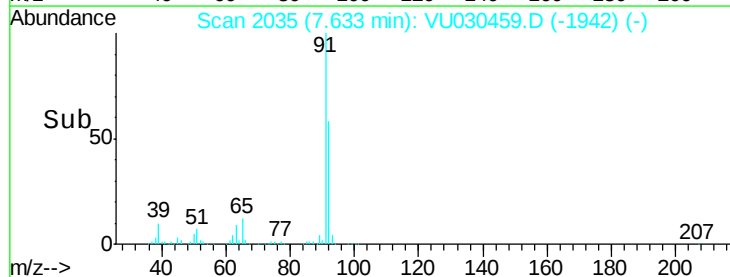
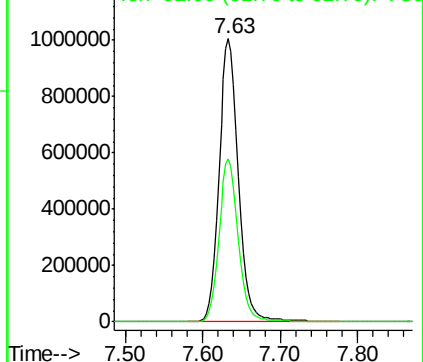


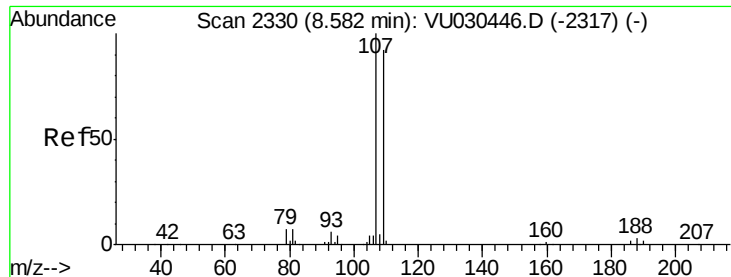
#42
Toluene
Concen: 116.559 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. -0.00 min
Lab File: VU030459.D
Acq: 26 Mar 2019 21:27

Tgt Ion: 91 Resp: 1765501
Ion Ratio Lower Upper
91 100
92 57.6 39.7 73.7



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 92.00 (91.70 to 92.70): VU0

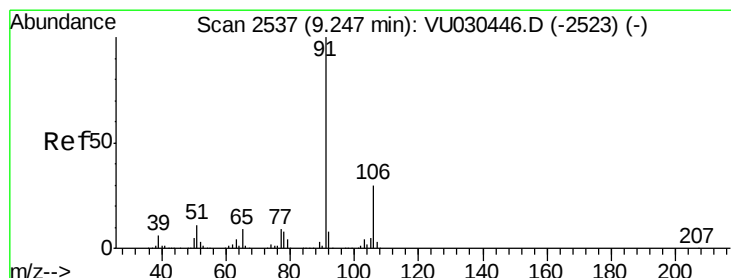
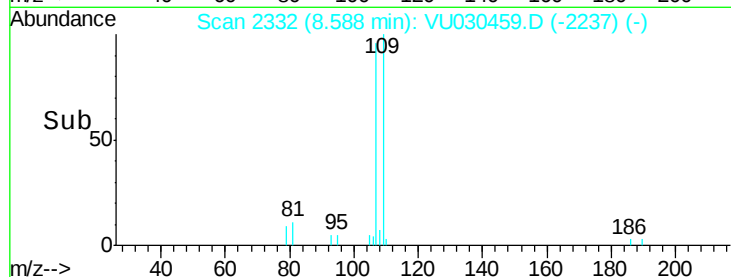
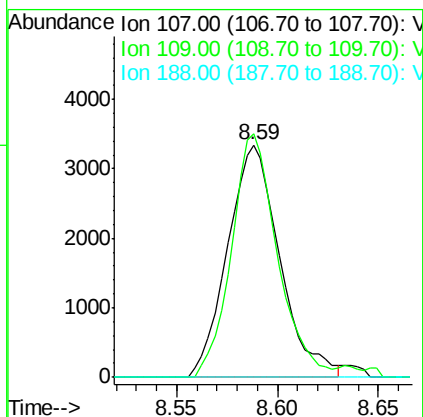
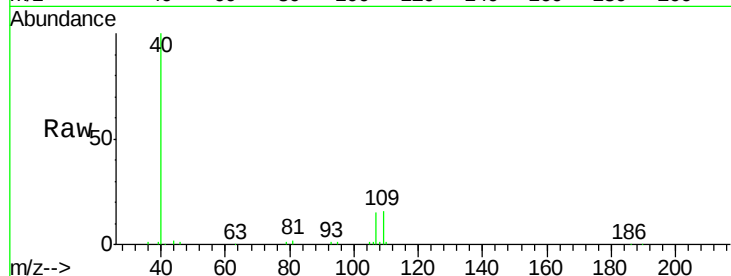




#50
1,2-Dibromoethane
Concen: 1.610 ug/L
RT: 8.59 min Scan# 2332
Delta R.T. 0.01 min
Lab File: VU030459.D
Acq: 26 Mar 2019 21:27

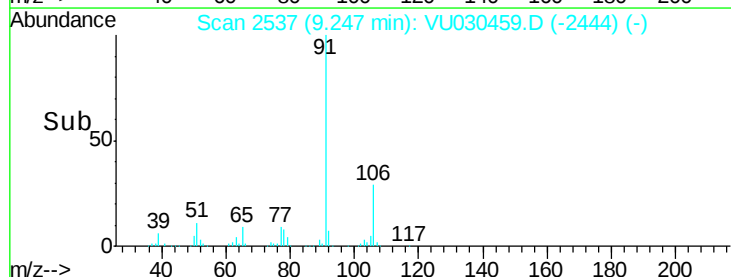
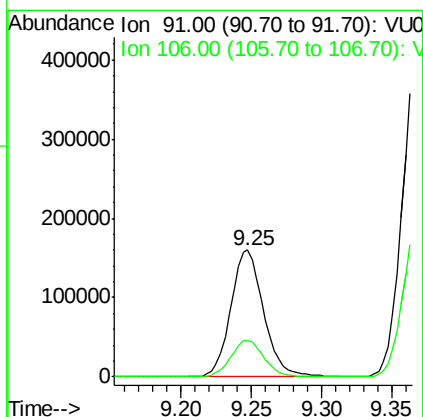
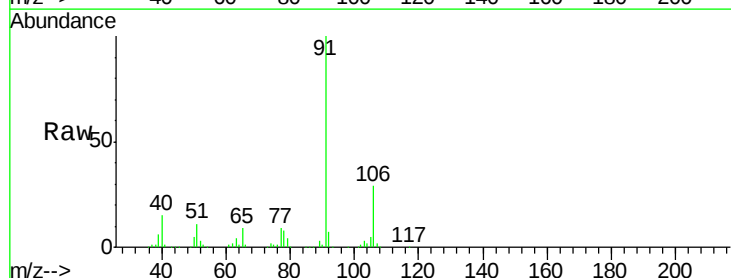
Instrument :
MSVOA_U
ClientSampleId :
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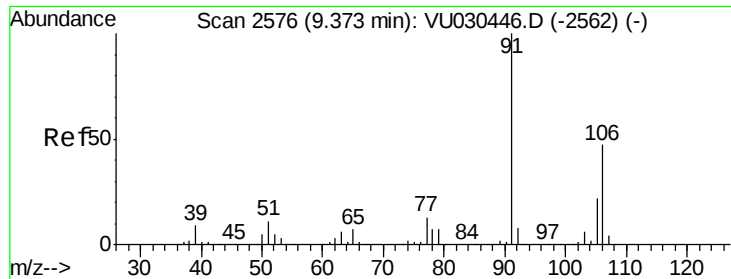
Tot Ion:107 Resp: 6046
Ion Ratio Lower Upper
107 100
109 104.6 65.8 122.2
188 0.0 2.6 4.0#



#52
Ethylbenzene
Concen: 15.923 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. -0.00 min
Lab File: VU030459.D
Acq: 26 Mar 2019 21:27

Tgt Ion: 91 Resp: 261263
Ion Ratio Lower Upper
91 100
106 29.1 20.6 38.2





#53

m,p-Xylene

Concen: 57.400 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU030459.D

Acq: 26 Mar 2019 21:27

Instrument :

MSVOA_U

ClientSampleId :

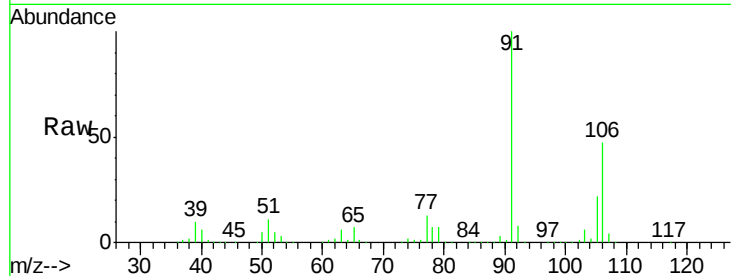
DB6R6DL

Tot Ion:106 Resp: 340069

Ion Ratio Lower Upper

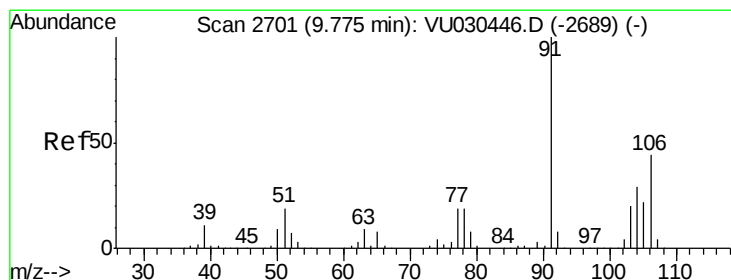
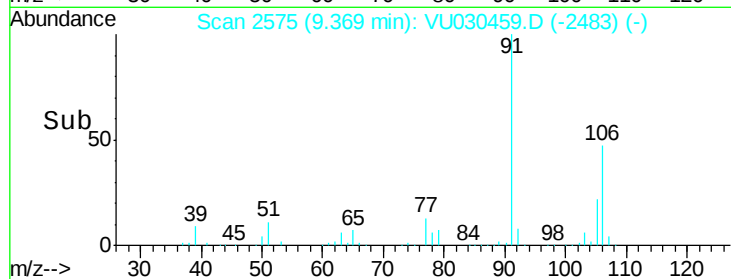
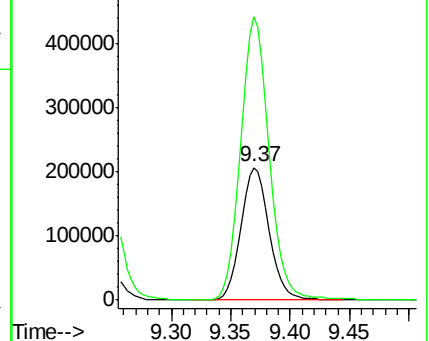
106 100

91 213.2 151.2 280.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 26.203 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VU030459.D

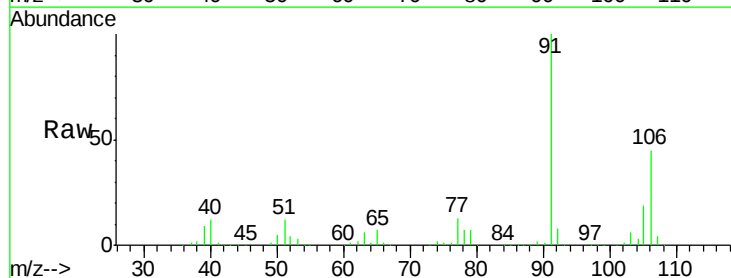
Acq: 26 Mar 2019 21:27

Tgt Ion:106 Resp: 151472

Ion Ratio Lower Upper

106 100

91 223.9 159.6 296.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

