

Data File : VU030481.D
Acq On : 27 Mar 2019 14:19
Operator : JC/SP
Sample : K2063-16DL 400X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB6S4DL

Quant Time: Mar 28 01:30:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 01:25:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	448393	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	421679	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	175205	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	160862	44.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.16%
7) Chloroethane-d5	1.67	69	136050	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.14%
11) 1,1-Dichloroethene-d2	2.27	63	231772	33.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.72%
21) 2-Butanone-d5	4.17	46	342059	100.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.84%
24) Chloroform-d	4.64	84	294586	47.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.76%
26) 1,2-Dichloroethane-d4	5.31	65	200453	49.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.54%
32) Benzene-d6	5.34	84	596354	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.64%
36) 1,2-Dichloropropane-d6	6.32	67	213678	51.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.30%
41) Toluene-d8	7.56	98	508579	46.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.66%
43) trans-1,3-Dichloropropene-	7.85	79	94204	48.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.84%
47) 2-Hexanone-d5	8.31	63	222917	99.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.43%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	294551	49.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	179806	51.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.44%

Target Compounds

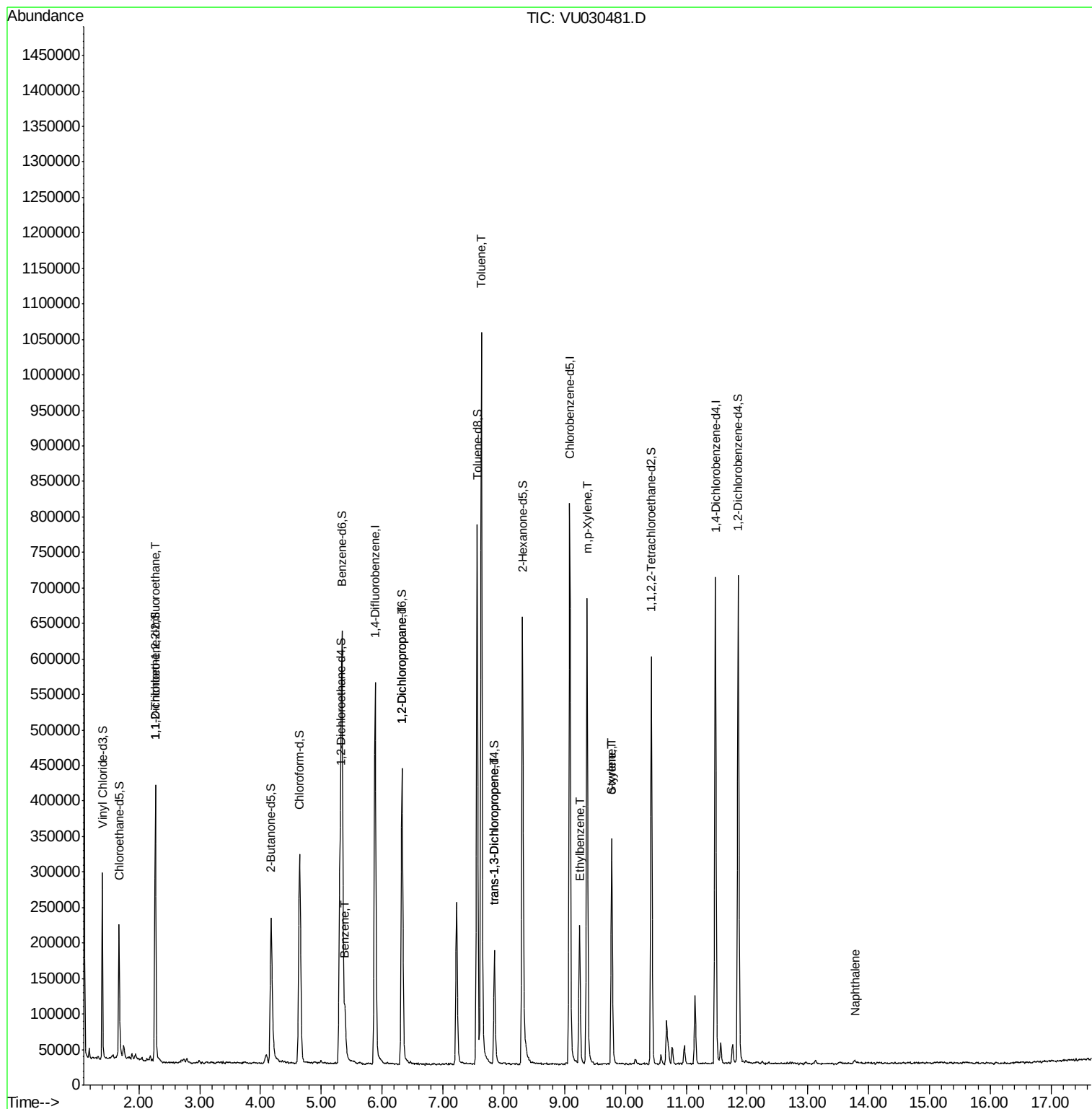
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1954	0.597	ug/L #	21
33) Benzene	5.39	78	66149	4.608	ug/L	100
37) 1,2-Dichloropropane	6.33	63	21429	5.260	ug/L #	90
42) Toluene	7.63	91	750165	50.355	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	3613	0.701	ug/L #	65
52) Ethylbenzene	9.25	91	141254	8.753	ug/L	99
53) m,p-Xylene	9.37	106	182646	31.345	ug/L	98
54) o-xylene	9.78	106	82879	14.577	ug/L	97
55) Styrene	9.77	104	5136	0.524	ug/L #	1
69) Naphthalene	13.77	128	4042	0.305	ug/L #	75

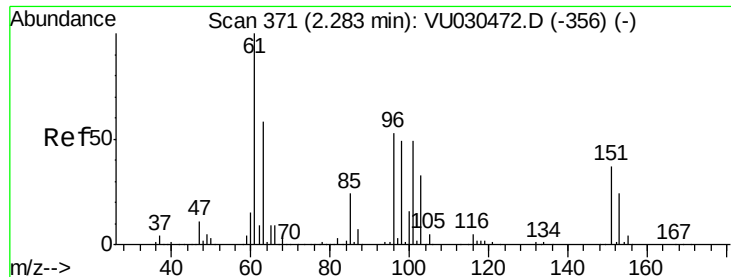
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.597 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030481.D

Acq: 27 Mar 2019 14:19

Instrument :

MSVOA_U

ClientSampleId :

DB6S4DL

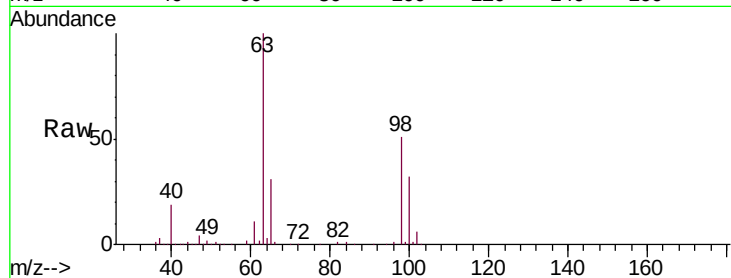
Tgt Ion:101 Resp: 1954

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

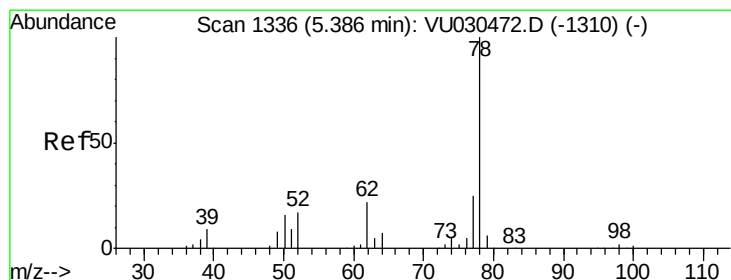
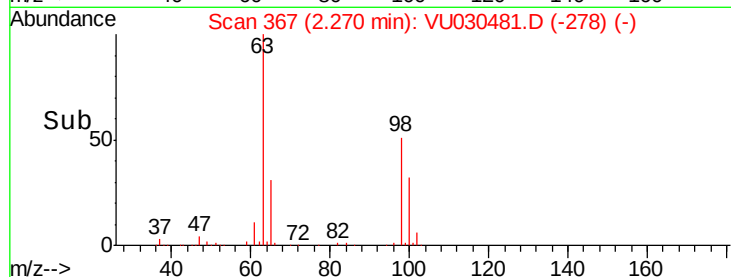
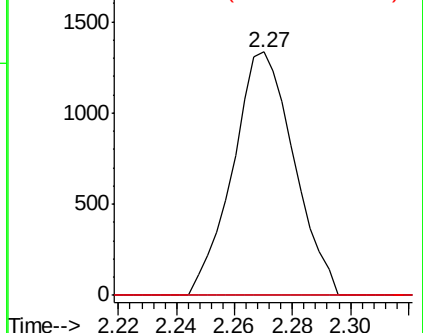
151 0.0 56.6 85.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#33

Benzene

Concen: 4.608 ug/L

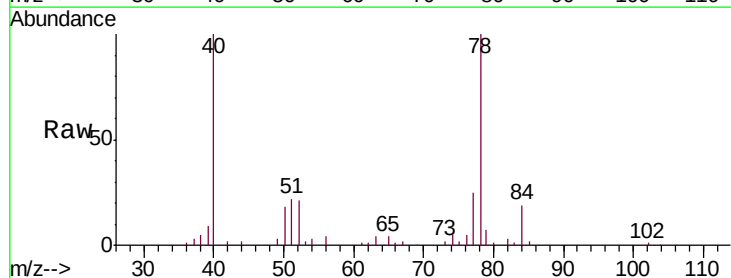
RT: 5.39 min Scan# 1337

Delta R.T. 0.00 min

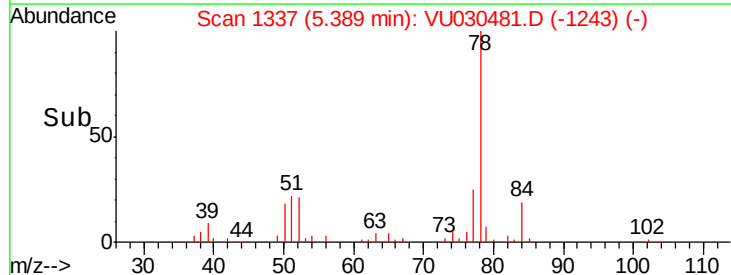
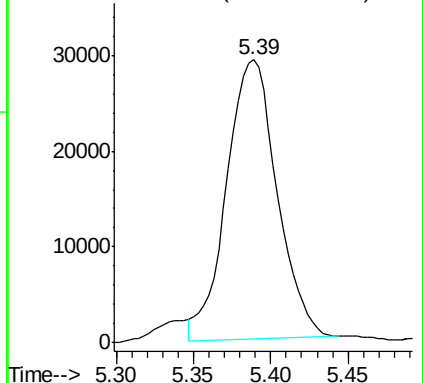
Lab File: VU030481.D

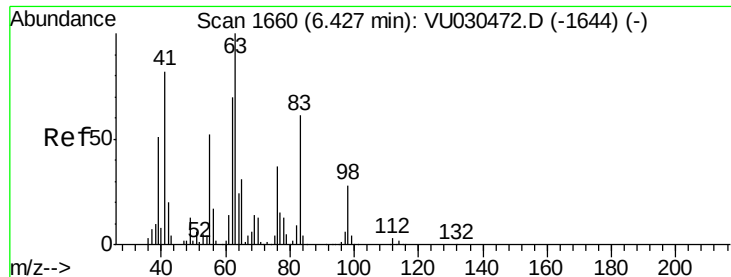
Acq: 27 Mar 2019 14:19

Tgt Ion: 78 Resp: 66149



Abundance Ion 78.00 (77.70 to 78.70): VU0

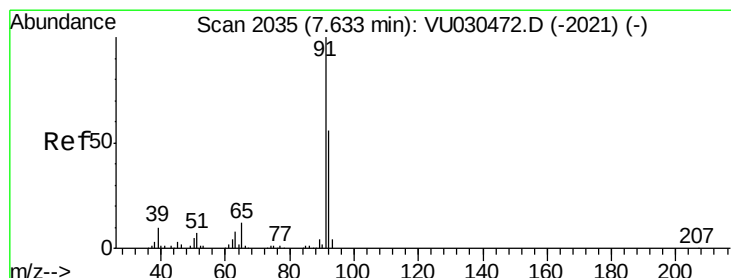
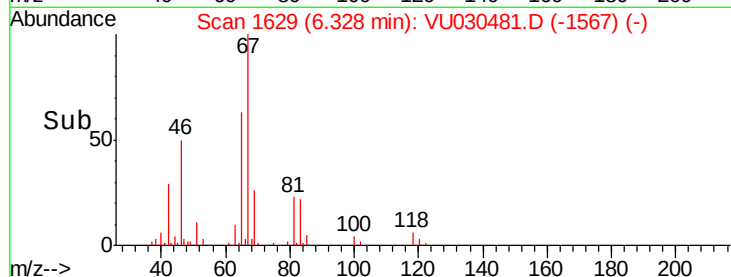
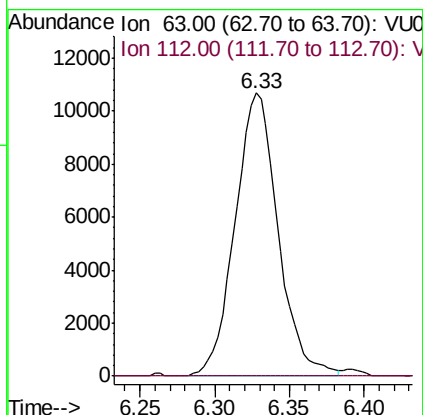
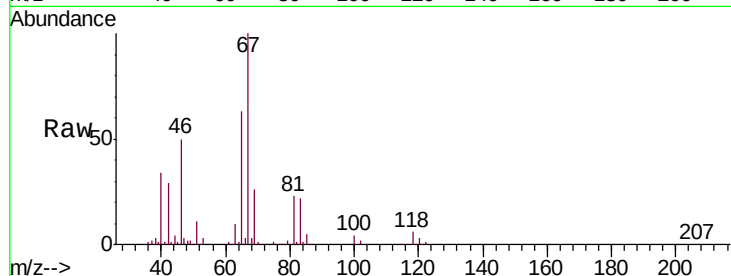




#37
 1,2-Dichloropropane
 Concen: 5.260 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU030481.D
 Acq: 27 Mar 2019 14:19

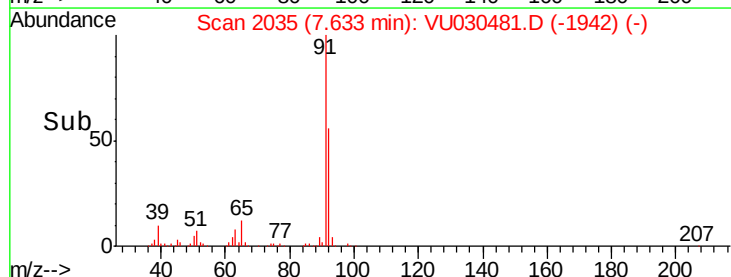
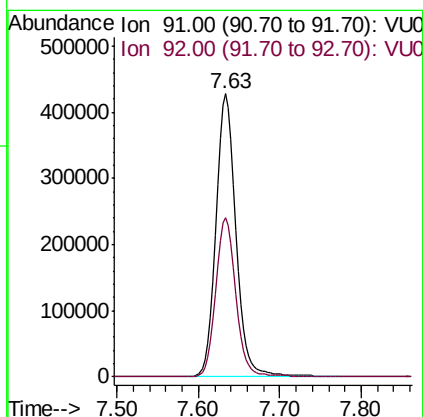
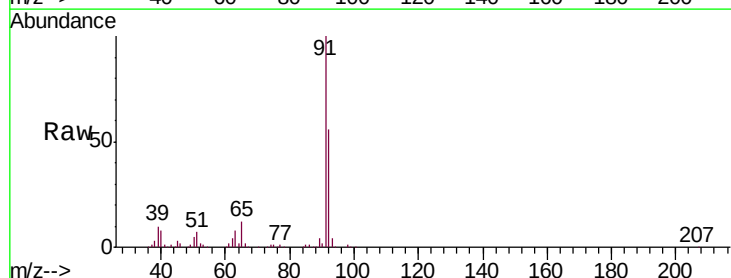
Instrument :
 MSVOA_U
 ClientSampleId :
 DB6S4DL

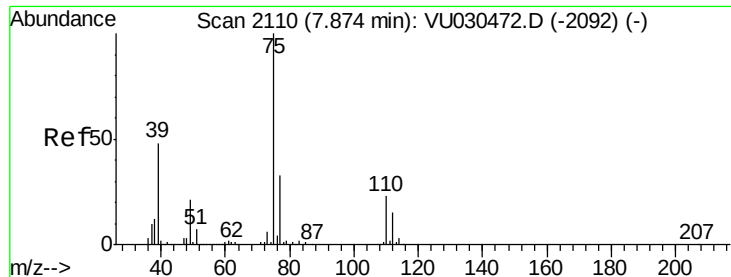
Tgt Ion: 63 Resp: 21429
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.6 4.0#



#42
 Toluene
 Concen: 50.355 ug/L
 RT: 7.63 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VU030481.D
 Acq: 27 Mar 2019 14:19

Tgt Ion: 91 Resp: 750165
 Ion Ratio Lower Upper
 91 100
 92 56.3 39.7 73.7





#44

trans-1,3-Dichloropropene

Concen: 0.701 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030481.D

Acq: 27 Mar 2019 14:19

Instrument :

MSVOA_U

ClientSampleId :

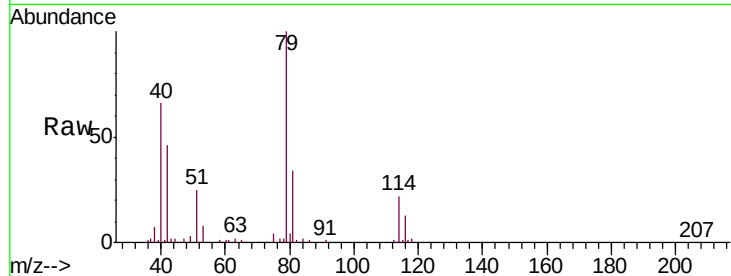
DB6S4DL

Tgt Ion: 75 Resp: 3613

Ion Ratio Lower Upper

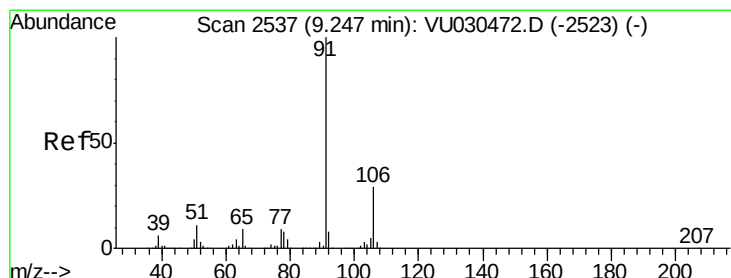
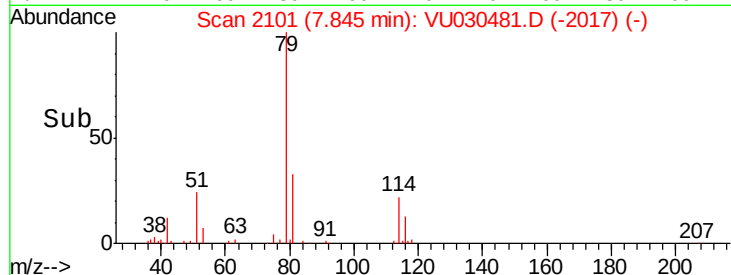
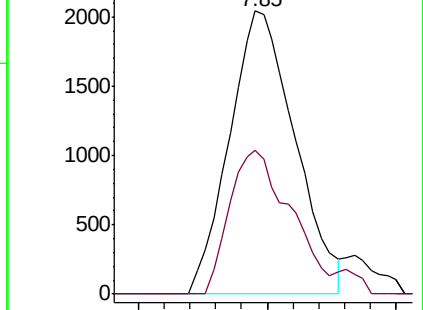
75 100

77 51.0 22.0 40.8#



Abundance Ion 75.00 (74.70 to 75.70): VU030481.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU030481.D (-2092) (-)



#52

Ethylbenzene

Concen: 8.753 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. -0.00 min

Lab File: VU030481.D

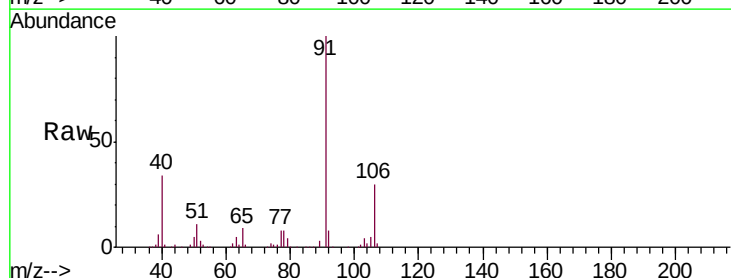
Acq: 27 Mar 2019 14:19

Tgt Ion: 91 Resp: 141254

Ion Ratio Lower Upper

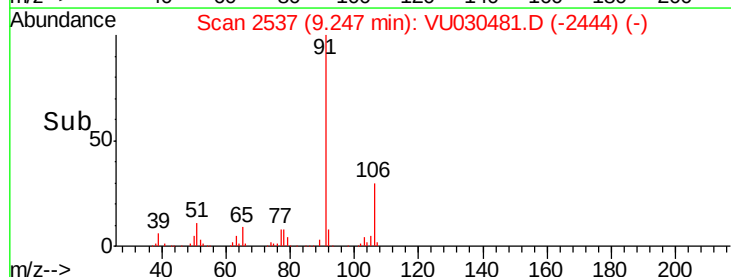
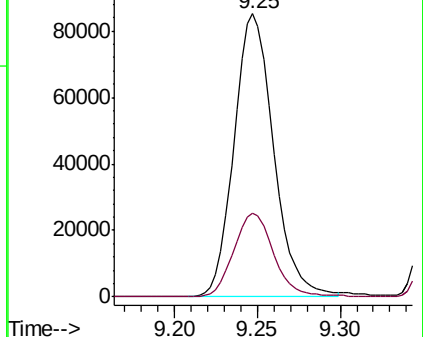
91 100

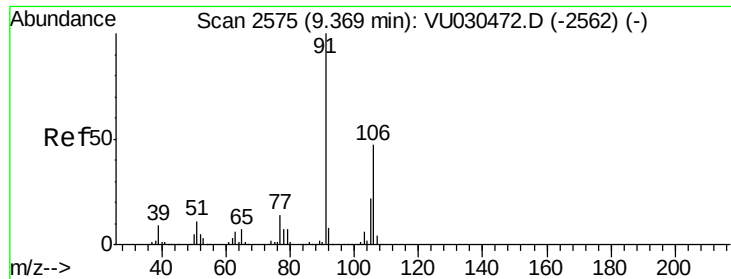
106 29.8 20.6 38.2



Abundance Ion 91.00 (90.70 to 91.70): VU030481.D (-2444) (-)

Ion 106.00 (105.70 to 106.70): VU030481.D (-2444) (-)

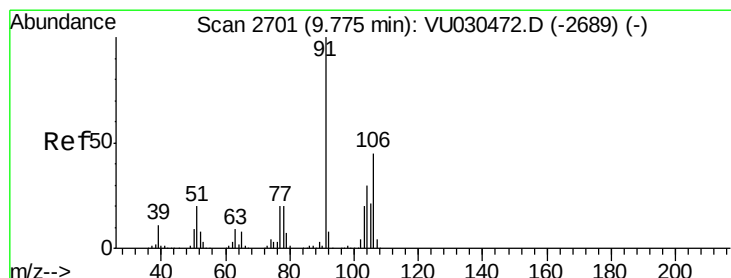
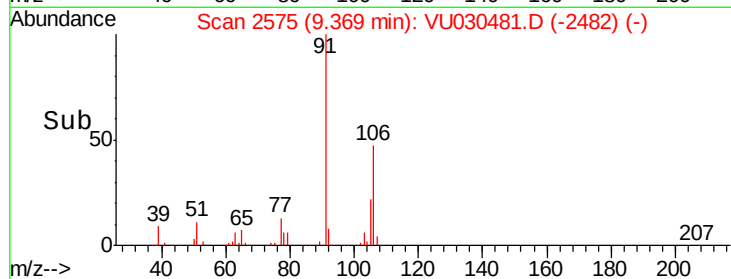
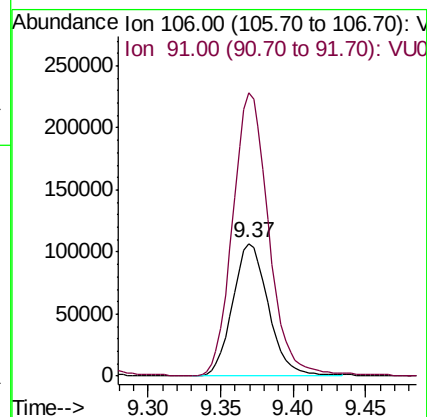
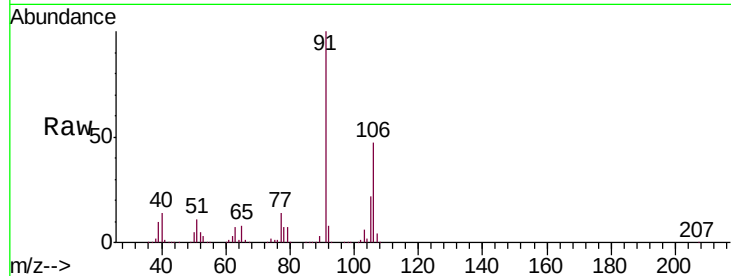




#53
m,p-Xylene
Concen: 31.345 ug/L
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU030481.D
Acq: 27 Mar 2019 14:19

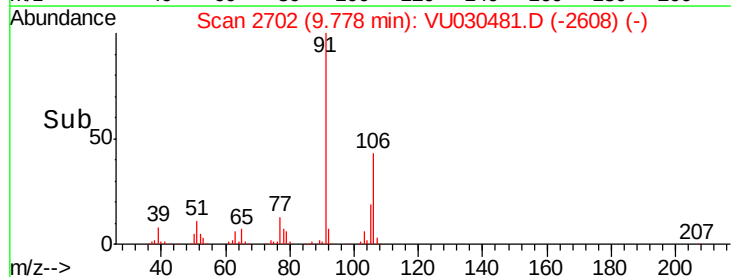
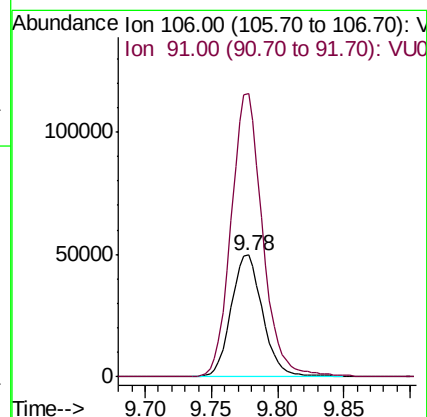
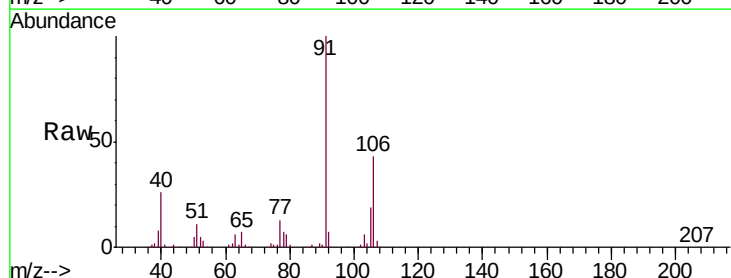
Instrument :
MSVOA_U
ClientSampleId :
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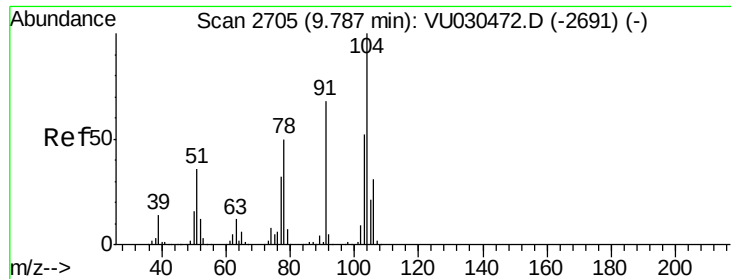
Tgt Ion:106 Resp: 182646
Ion Ratio Lower Upper
106 100
91 213.0 151.2 280.8



#54
o-xylene
Concen: 14.577 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU030481.D
Acq: 27 Mar 2019 14:19

Tgt Ion:106 Resp: 82879
Ion Ratio Lower Upper
106 100
91 232.9 159.6 296.4

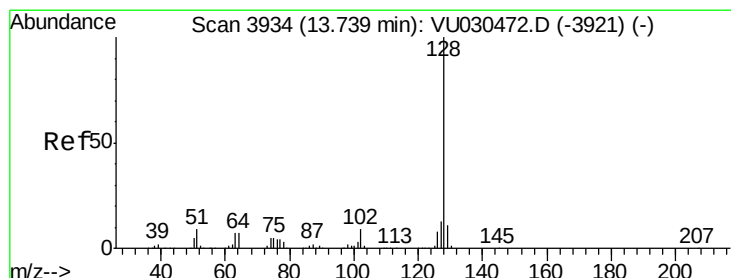
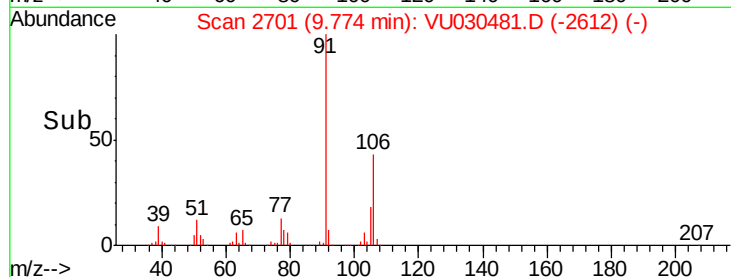
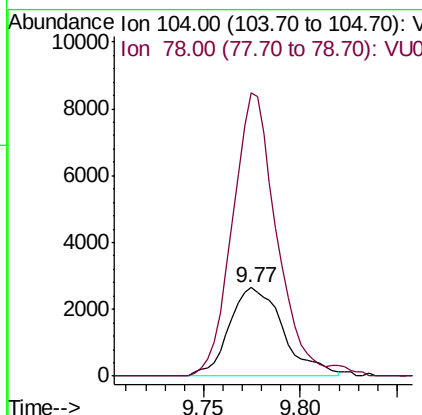
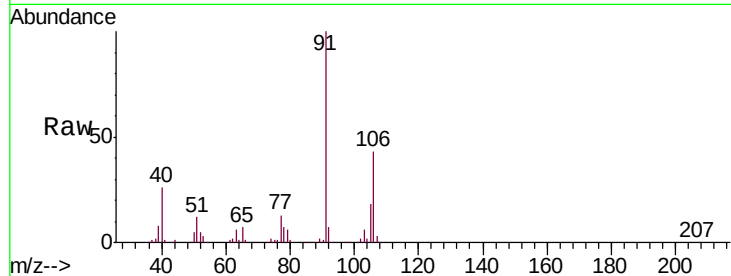




#55
Styrene
 Concen: 0.524 ug/L
 RT: 9.77 min Scan# 2701
 Delta R.T. -0.01 min
 Lab File: VU030481.D
 Acq: 27 Mar 2019 14:19

Instrument :
 MSVOA_U
 ClientSampleId :
 DB6S4DL

Tgt Ion:104 Resp: 5136
 Ion Ratio Lower Upper
 104 100
 78 320.4 35.1 65.3#



#69
Naphthalene
 Concen: 0.305 ug/L
 RT: 13.77 min Scan# 3945
 Delta R.T. 0.04 min
 Lab File: VU030481.D
 Acq: 27 Mar 2019 14:19

Tgt Ion:128 Resp: 4042
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.4 15.6#
 129 4.3 8.4 12.6#

