

Data File : VU030467.D
Acq On : 27 Mar 2019 00:36
Operator : JC/SP
Sample : K2063-14 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB6S1

Quant Time: Mar 27 06:08:07 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	446581	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	416711	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	167201	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	180177	50.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.26%
7) Chloroethane-d5	1.67	69	145969	51.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.48%
11) 1,1-Dichloroethene-d2	2.27	63	253518	37.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.38%
21) 2-Butanone-d5	4.17	46	360236	106.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.62%
24) Chloroform-d	4.64	84	306893	49.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.12%
26) 1,2-Dichloroethane-d4	5.31	65	210153	51.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.72%
32) Benzene-d6	5.34	84	629919	52.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.42%
36) 1,2-Dichloropropane-d6	6.33	67	226842	55.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.96%
41) Toluene-d8	7.56	98	532124	49.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.16%
43) trans-1,3-Dichloropropene-	7.85	79	91250	47.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.92%
47) 2-Hexanone-d5	8.31	63	229271	103.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	307261	52.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.04%
64) 1,2-Dichlorobenzene-d4	11.86	152	178686	53.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.68%

Target Compounds

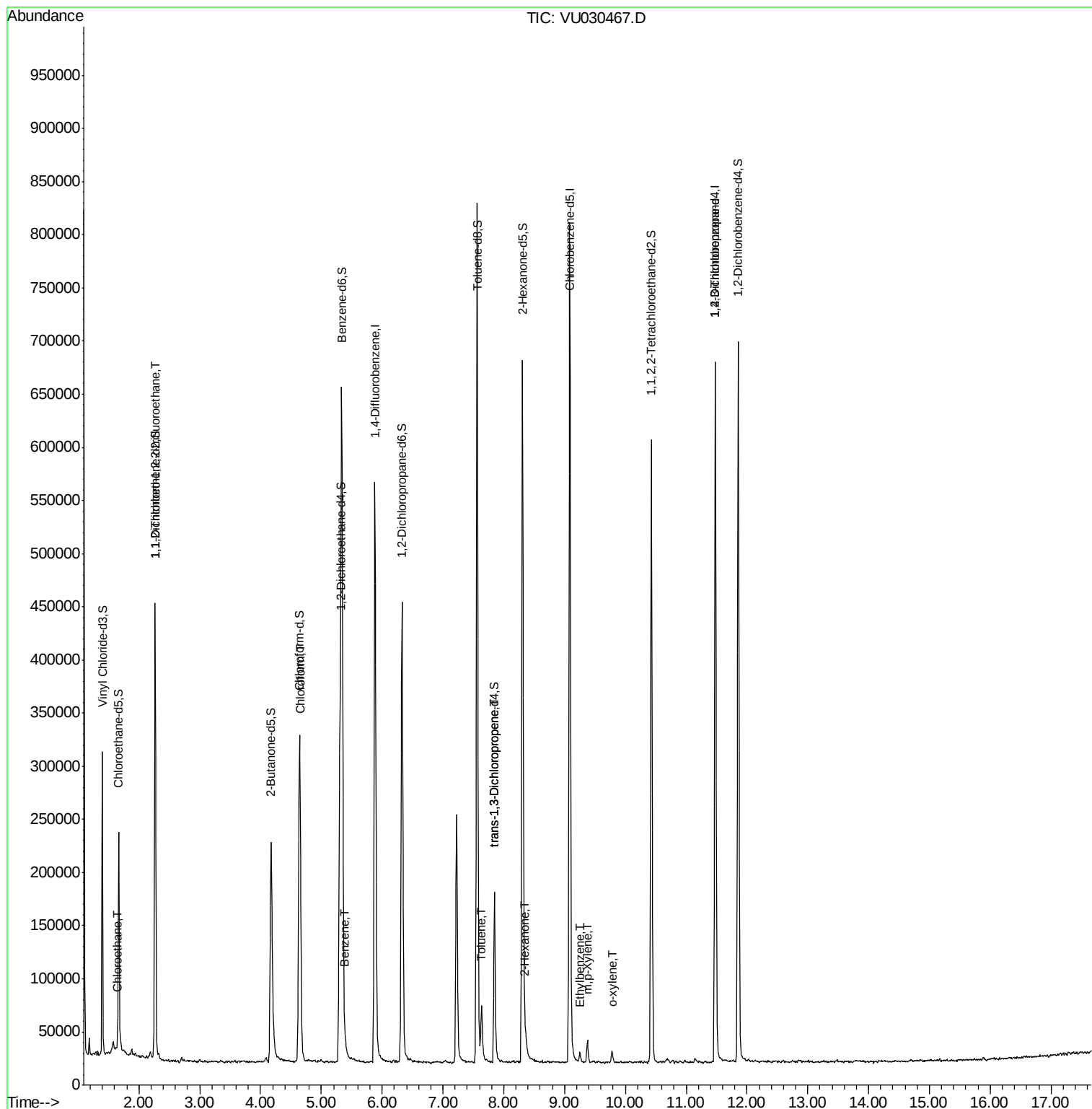
					Qvalue	
8) Chloroethane	1.64	64	5301	1.797	ug/L #	54
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1845	0.566	ug/L #	21
25) Chloroform	4.66	83	3888	0.595	ug/L #	40
33) Benzene	5.39	78	13962	0.984	ug/L	100
42) Toluene	7.64	91	39075	2.654	ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	3791	0.745	ug/L #	77
48) 2-Hexanone	8.36	43	5949	1.073	ug/L #	41
52) Ethylbenzene	9.25	91	6953	0.436	ug/L	88
53) m,p-Xylene	9.38	106	6247	1.085	ug/L	88
54) o-xylene	9.78	106	3300	0.587	ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	23555	4.807	ug/L	93

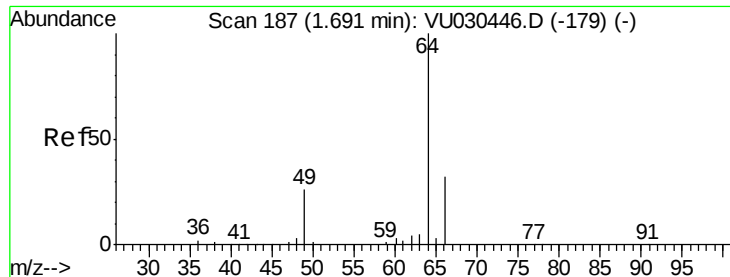
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 27 06:00:22 2019
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#8

Chloroethane

Concen: 1.797 ug/L

RT: 1.64 min Scan# 171

Delta R.T. -0.05 min

Lab File: VU030467.D

Acq: 27 Mar 2019 00:36

Instrument :

MSVOA_U

ClientSampleId :

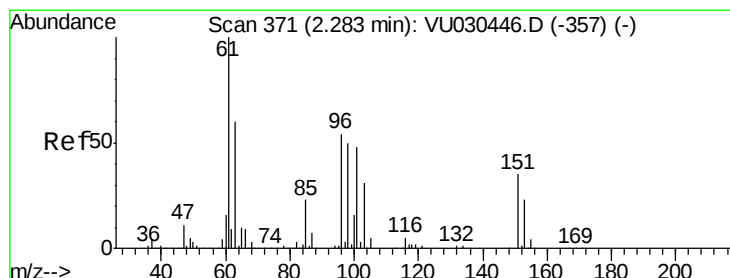
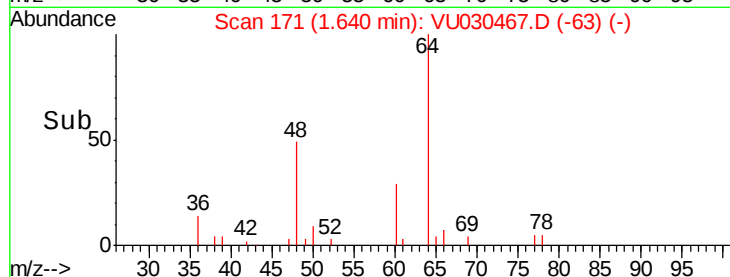
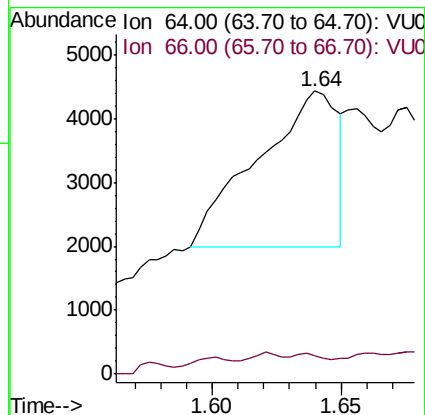
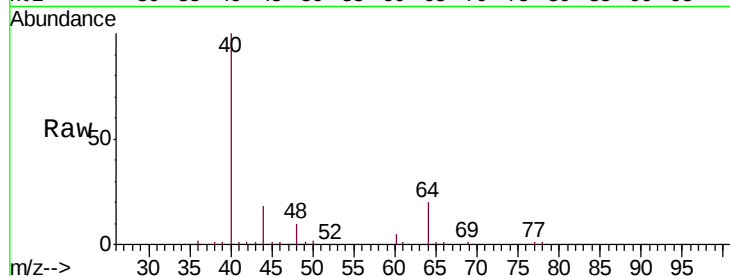
DB6S1

Tgt Ion: 64 Resp: 5301

Ion Ratio Lower Upper

64 100

66 6.3 22.5 41.7#



#10

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

Concen: 0.566 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU030467.D

Acq: 27 Mar 2019 00:36

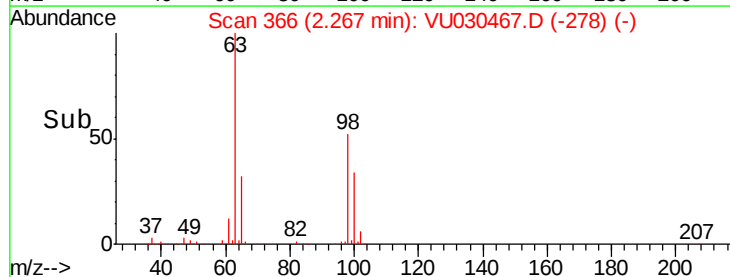
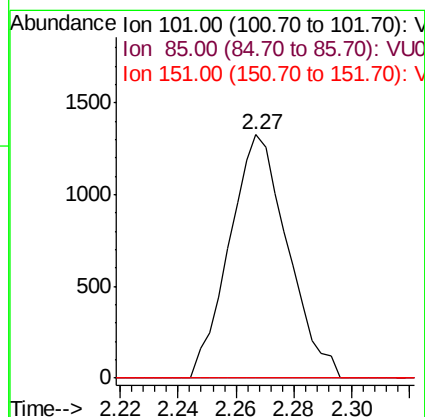
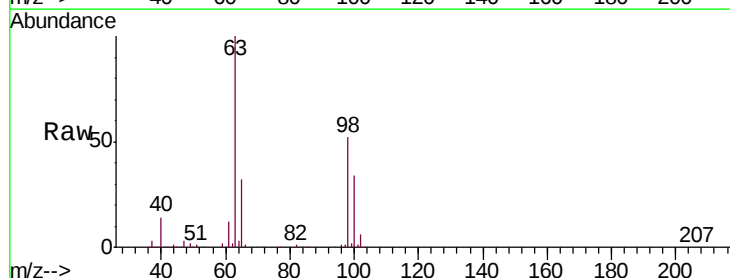
Tgt Ion: 101 Resp: 1845

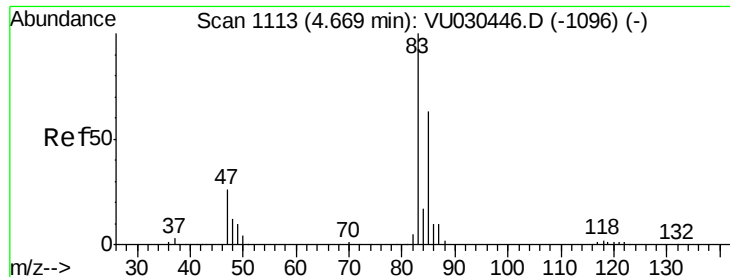
Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

151 0.0 56.6 85.0#

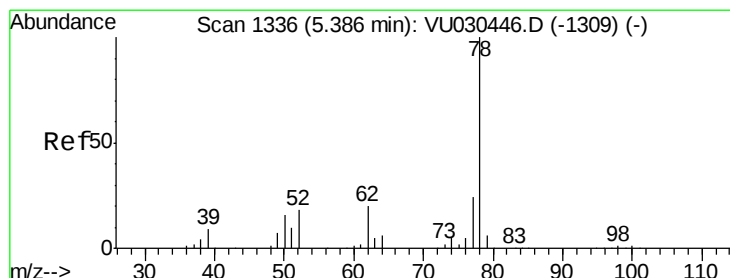
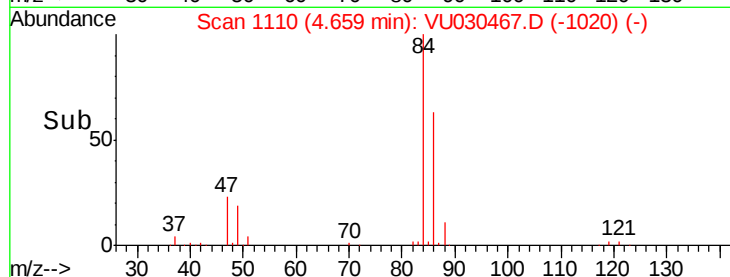
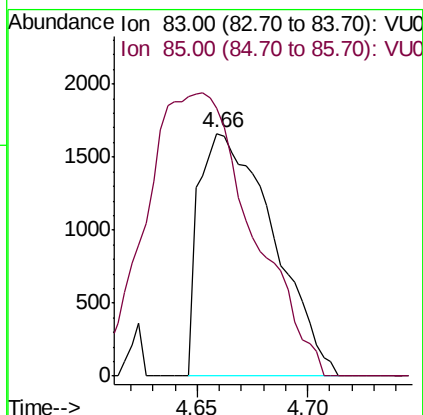
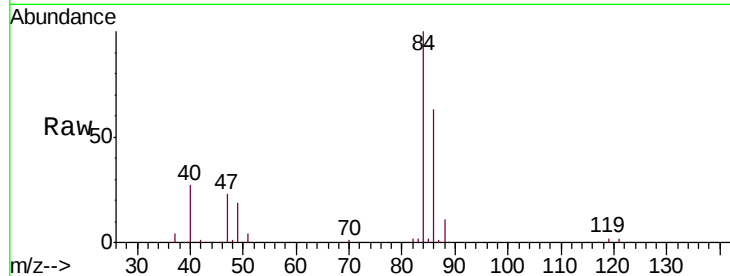




#25
Chloroform
Concen: 0.595 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VU030467.D
Acq: 27 Mar 2019 00:36

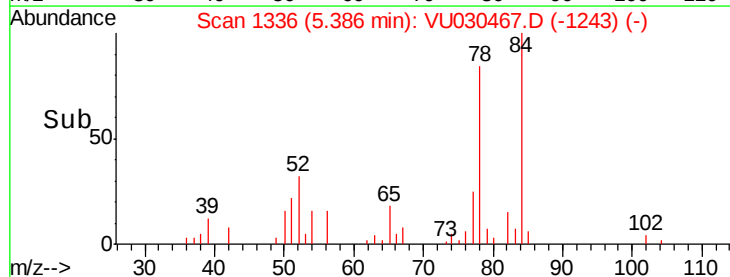
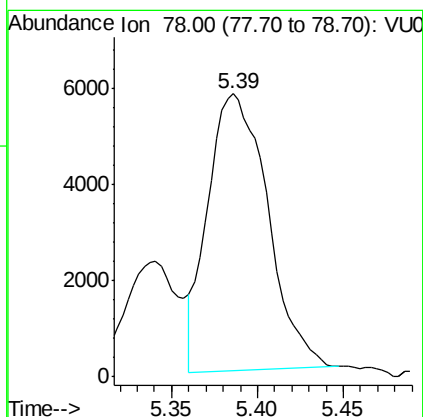
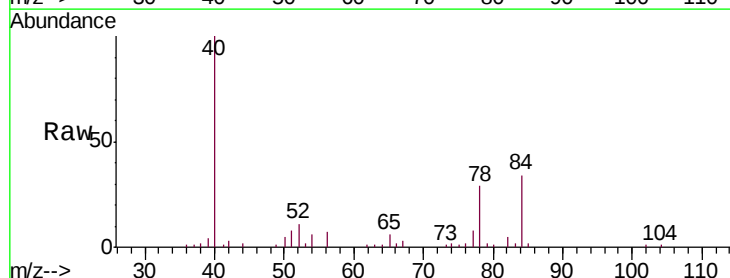
Instrument :
MSVOA_U
ClientSampleId :
DB6S1

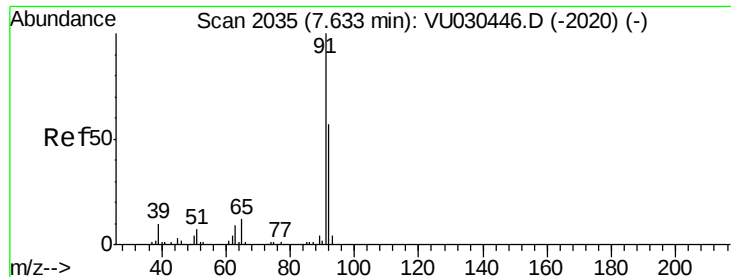
Tgt Ion: 83 Resp: 3888
Ion Ratio Lower Upper
83 100
85 110.5 44.4 82.4#



#33
Benzene
Concen: 0.984 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU030467.D
Acq: 27 Mar 2019 00:36

Tgt Ion: 78 Resp: 13962





#42

Toluene

Concen: 2.654 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU030467.D

Acq: 27 Mar 2019 00:36

Instrument :

MSVOA_U

ClientSampleId :

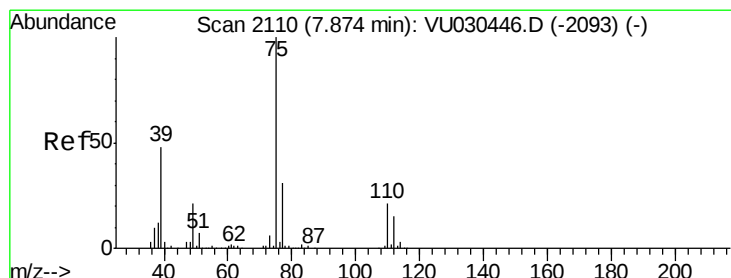
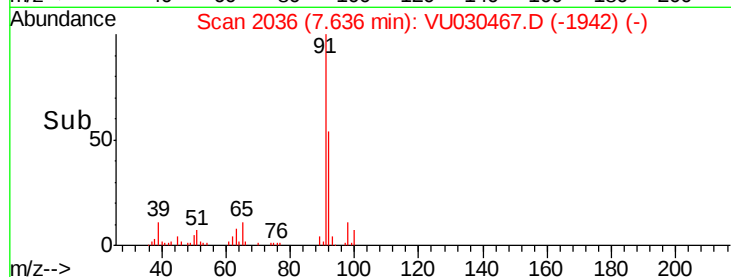
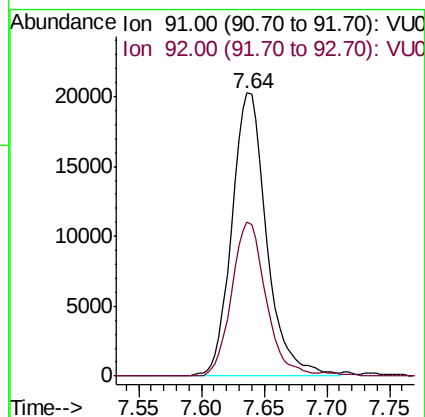
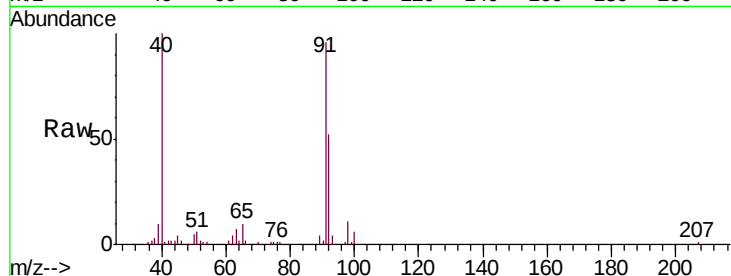
DB6S1

Tgt Ion: 91 Resp: 39075

Ion Ratio Lower Upper

91 100

92 54.2 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 0.745 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.02 min

Lab File: VU030467.D

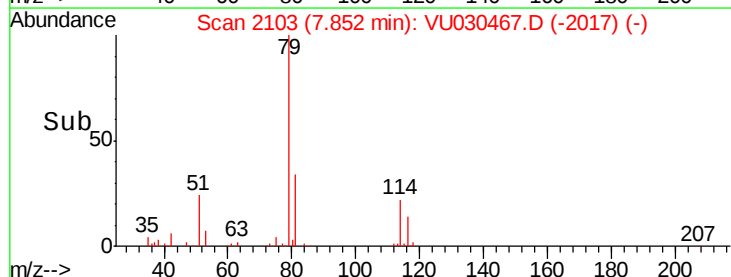
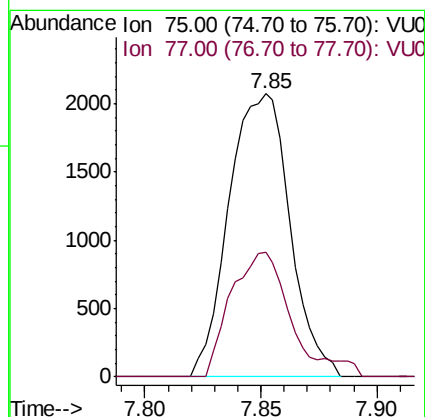
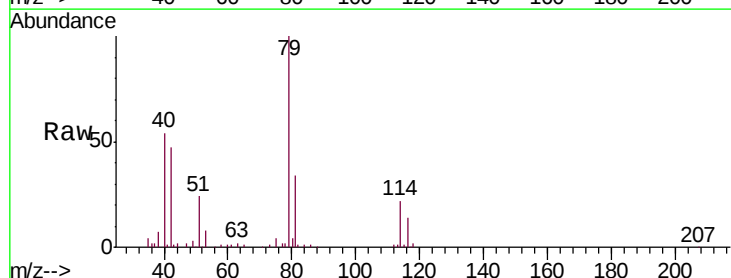
Acq: 27 Mar 2019 00:36

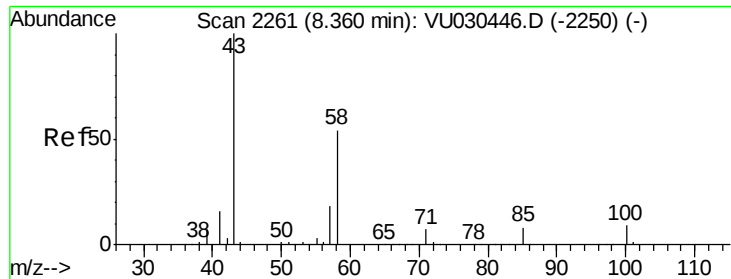
Tgt Ion: 75 Resp: 3791

Ion Ratio Lower Upper

75 100

77 44.1 22.0 40.8#

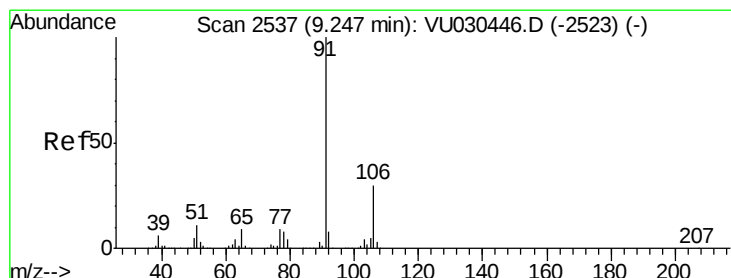
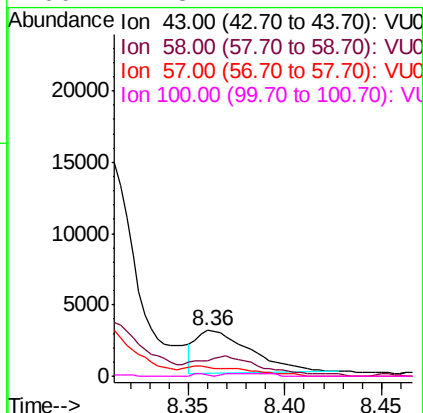
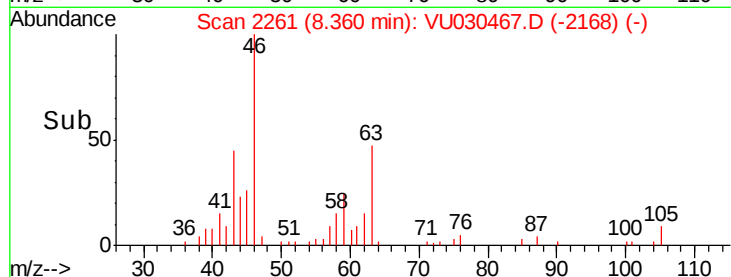
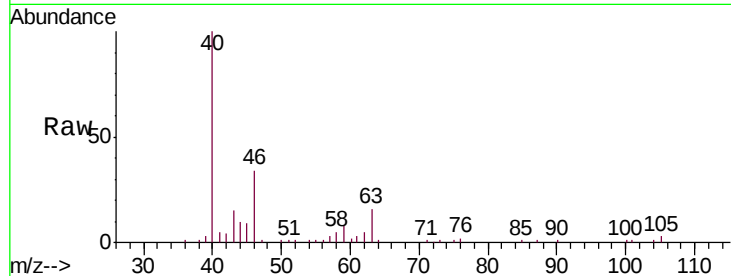




#48
2-Hexanone
Concen: 1.073 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU030467.D
Acq: 27 Mar 2019 00:36

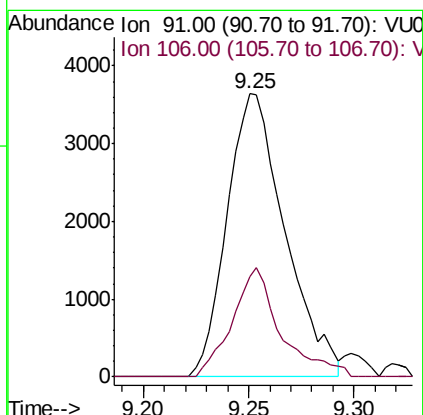
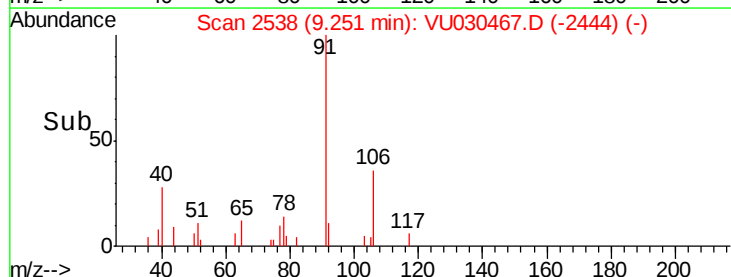
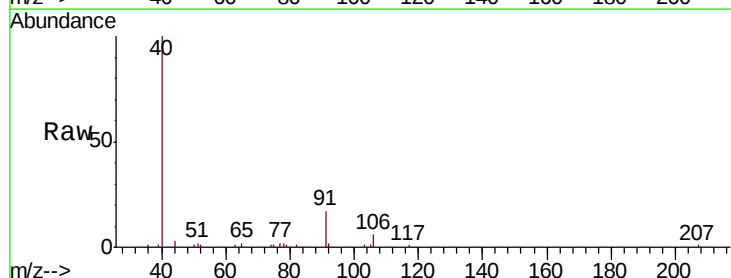
Instrument :
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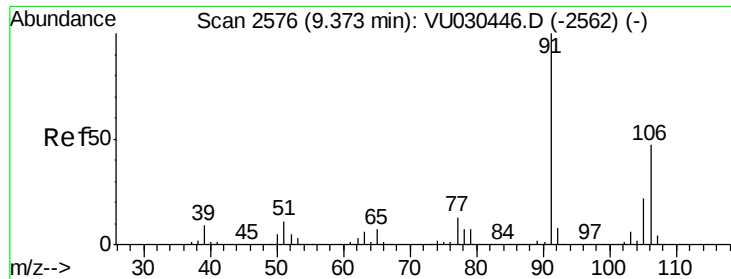
Tgt Ion: 43 Resp: 5949
Ion Ratio Lower Upper
43 100
58 0.0 42.5 63.7#
57 4.0 15.0 22.6#
100 1.3 7.4 11.2#



#52
Ethylbenzene
Concen: 0.436 ug/L
RT: 9.25 min Scan# 2538
Delta R.T. 0.00 min
Lab File: VU030467.D
Acq: 27 Mar 2019 00:36

Tgt Ion: 91 Resp: 6953
Ion Ratio Lower Upper
91 100
106 35.6 20.6 38.2

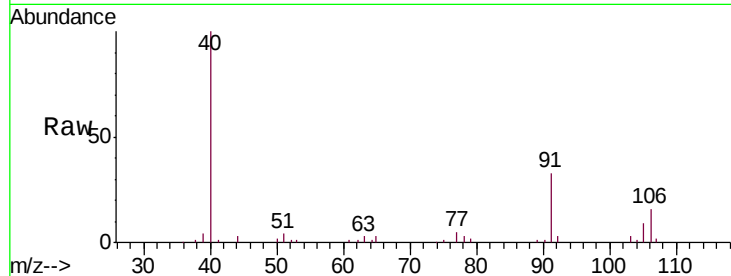




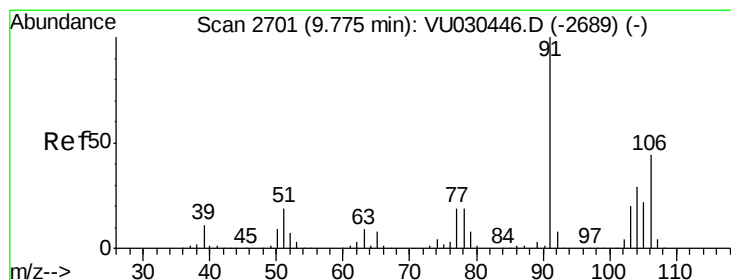
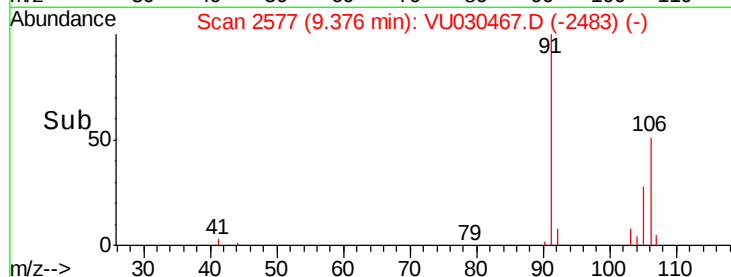
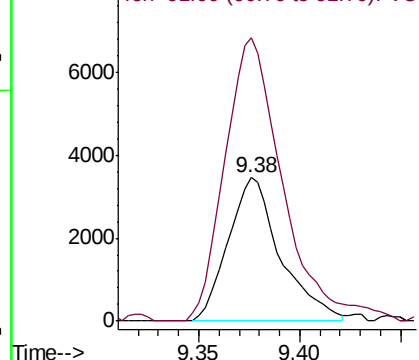
#53
m,p-Xylene
Concen: 1.085 ug/L
RT: 9.38 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VU030467.D
Acq: 27 Mar 2019 00:36

Instrument :
MSVOA_U
ClientSampleId :
DB6S1

Tgt Ion:106 Resp: 6247
Ion Ratio Lower Upper
106 100
91 197.4 151.2 280.8

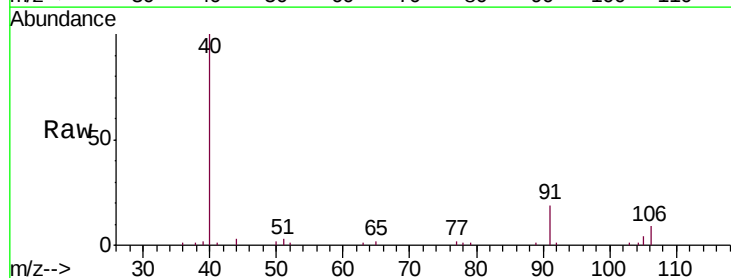


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

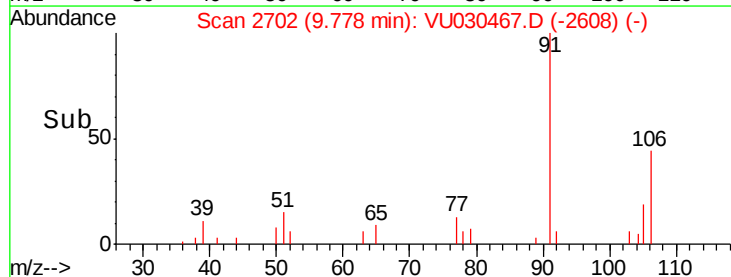
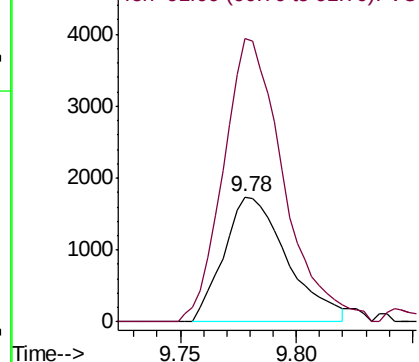


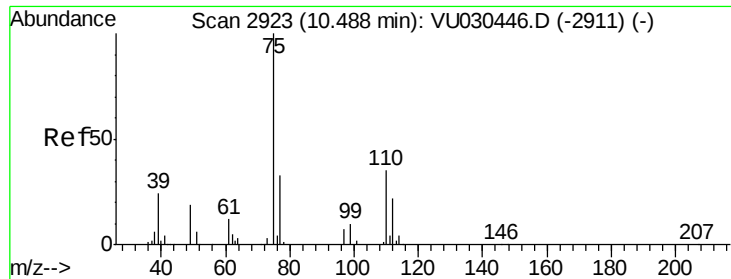
#54
o-xylene
Concen: 0.587 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU030467.D
Acq: 27 Mar 2019 00:36

Tgt Ion:106 Resp: 3300
Ion Ratio Lower Upper
106 100
91 225.9 159.6 296.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.807 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030467.D

Acq: 27 Mar 2019 00:36

Instrument :

MSVOA_U

ClientSampleId :

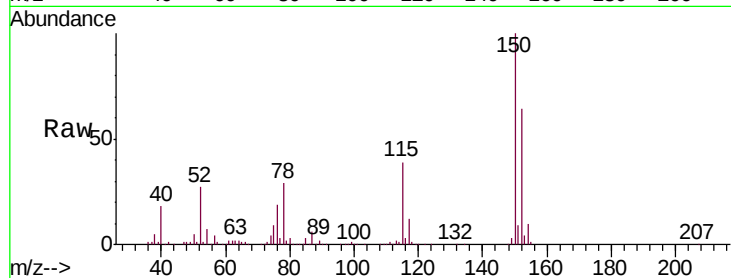
DB6S1

Tgt Ion: 75 Resp: 23555

Ion Ratio Lower Upper

75 100

77 35.8 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

