

Data File : VU030468.D
Acq On : 27 Mar 2019 01:00
Operator : JC/SP
Sample : K2063-15 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB6S2

Quant Time: Mar 27 06:08:20 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	444580	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	426052	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	188599	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	171607	47.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.92%
7) Chloroethane-d5	1.67	69	142925	50.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.27	63	244958	36.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.18%
21) 2-Butanone-d5	4.17	46	353490	105.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.10%
24) Chloroform-d	4.64	84	303055	49.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.32%
26) 1,2-Dichloroethane-d4	5.31	65	205102	50.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.70%
32) Benzene-d6	5.34	84	621470	50.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.74%
36) 1,2-Dichloropropane-d6	6.33	67	218855	52.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.70%
41) Toluene-d8	7.56	98	534725	48.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.46%
43) trans-1,3-Dichloropropene-	7.85	79	92528	47.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.14%
47) 2-Hexanone-d5	8.31	63	229611	101.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	300381	50.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.44%
64) 1,2-Dichlorobenzene-d4	11.85	152	190375	50.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.76%

Target Compounds

					Qvalue
8) Chloroethane	1.62	64	3339	1.137 ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2027	0.625 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1842	0.579 ug/L #	1
13) Acetone	2.32	43	2240	0.659 ug/L	95
27) 1,2-Dichloroethane	5.39	62	9003	1.763 ug/L #	75
29) Cyclohexane	5.00	56	4808	0.746 ug/L #	79
33) Benzene	5.39	78	659471	45.471 ug/L	100
35) Methylcyclohexane	6.41	83	3728	0.635 ug/L #	75
39) cis-1,3-Dichloropropene	7.22	75	4707	0.796 ug/L #	45
42) Toluene	7.63	91	3436020	228.278 ug/L	99
48) 2-Hexanone	8.37	43	8132	1.435 ug/L #	75
50) 1,2-Dibromoethane	8.59	107	2737	0.733 ug/L #	90
52) Ethylbenzene	9.25	91	493938	30.293 ug/L	100
53) m,p-Xylene	9.37	106	618474	105.050 ug/L	97
54) o-xylene	9.77	106	287310	50.014 ug/L	98
55) Styrene	9.78	104	19139	1.934 ug/L #	1
56) Isopropylbenzene	10.16	105	18824	1.238 ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032619\
Quantitation Report (Not Reviewed)

Data File : VU030468.D
Acq On : 27 Mar 2019 01:00
Operator : JC/SP
Sample : K2063-15 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB6S2

Quant Time: Mar 27 06:08:20 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

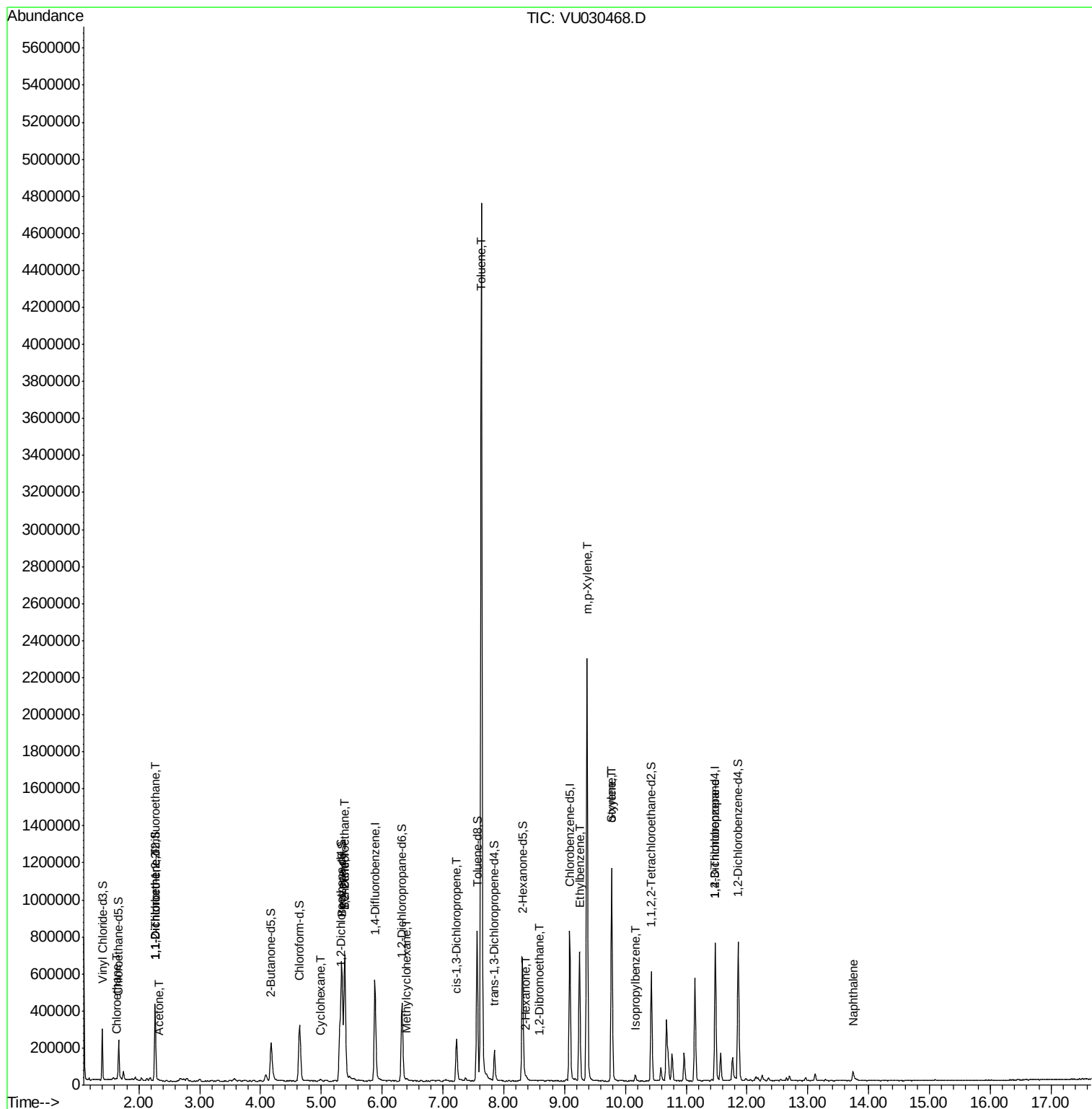
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) 1,2,3-Trichloropropane	11.48	75	26030	5.196	ug/L	90
69) Naphthalene	13.75	128	62360	4.371	ug/L	96

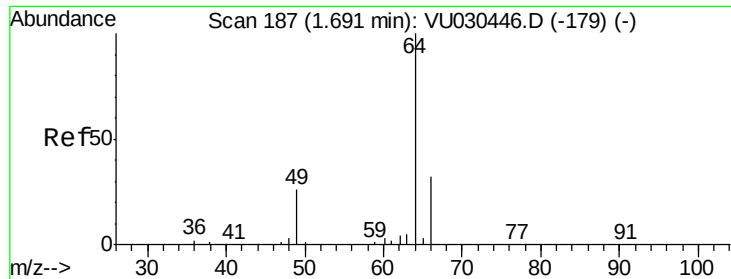
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU030468.D
Acq On : 27 Mar 2019 01:00
Operator : JC/SP
Sample : K2063-15 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB6S2

Quant Time: Mar 27 06:08:20 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





#8

Chloroethane

Concen: 1.137 ug/L

RT: 1.62 min Scan# 166

Delta R.T. -0.07 min

Lab File: VU030468.D

Acq: 27 Mar 2019 01:00

Instrument :

MSVOA_U

ClientSampled :

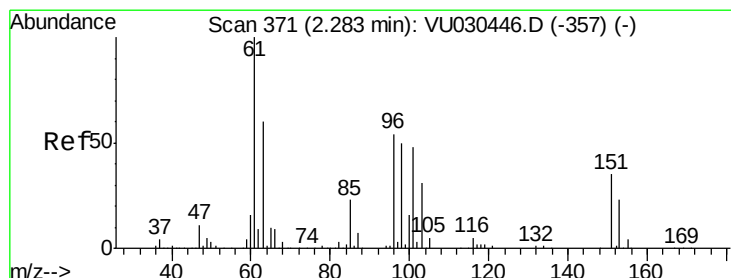
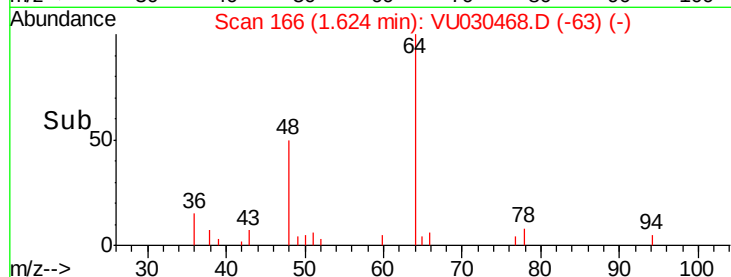
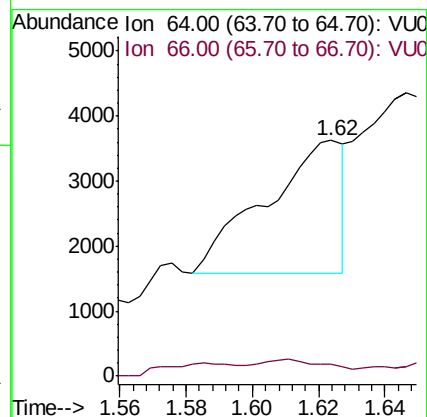
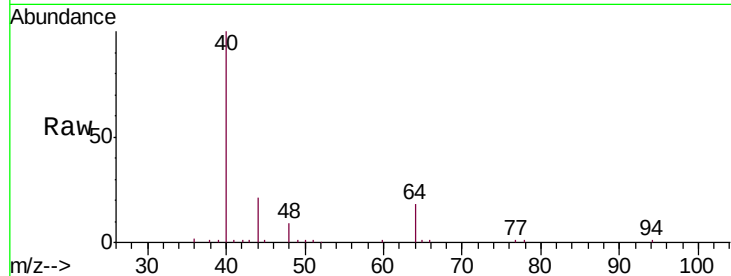
DB6S2

Tgt Ion: 64 Resp: 3339

Ion Ratio Lower Upper

64 100

66 4.9 22.5 41.7#



#10

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

Concen: 0.625 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU030468.D

Acq: 27 Mar 2019 01:00

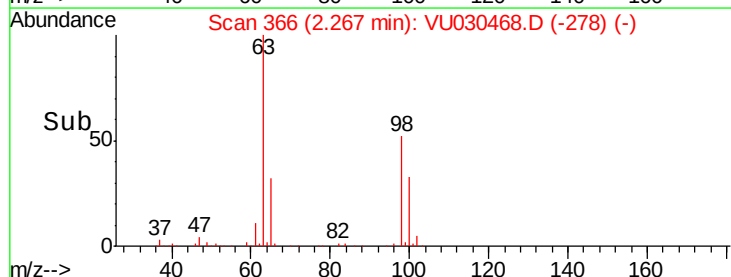
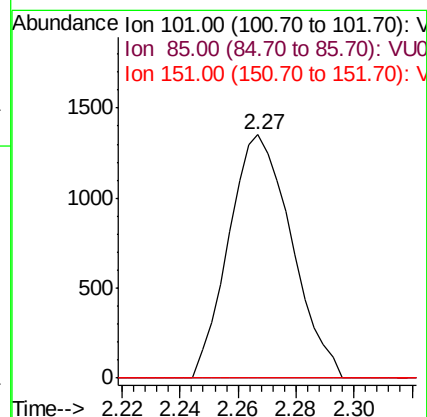
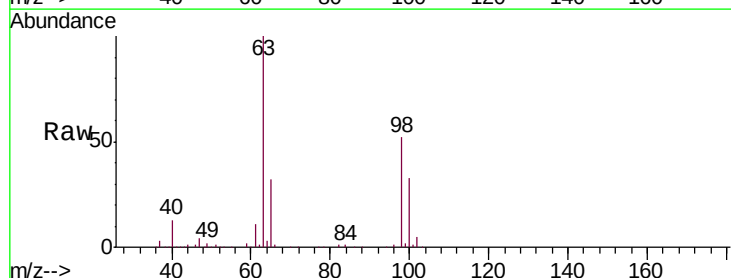
Tgt Ion: 101 Resp: 2027

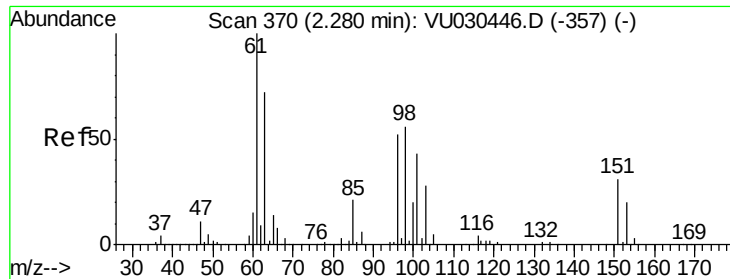
Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

151 0.0 56.6 85.0#

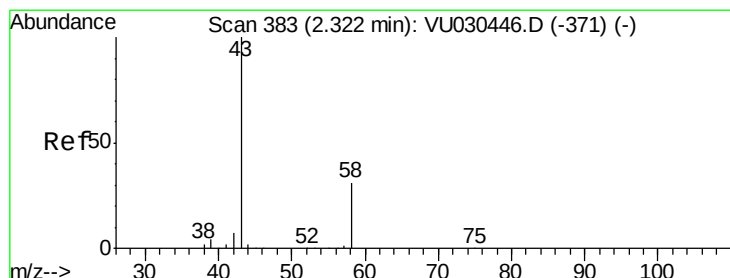
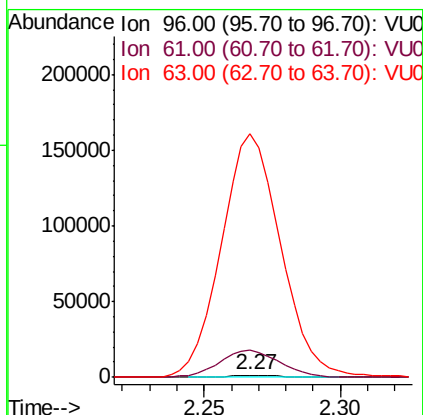
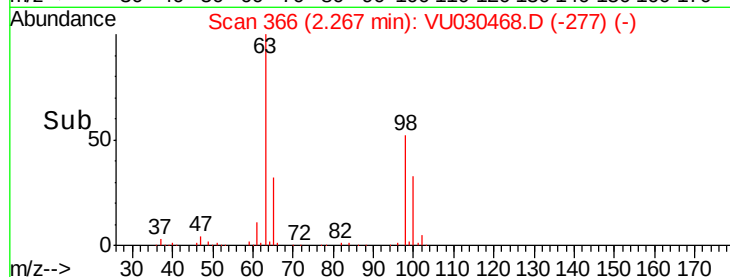
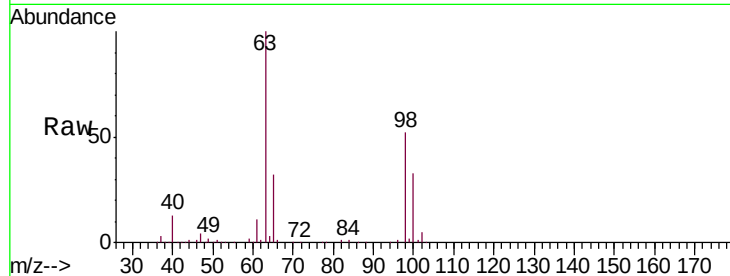




#12
 1,1-Dichloroethene
 Concen: 0.579 ug/L
 RT: 2.27 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: VU030468.D
 Acq: 27 Mar 2019 01:00

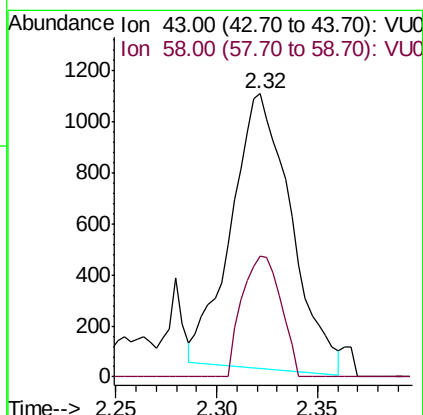
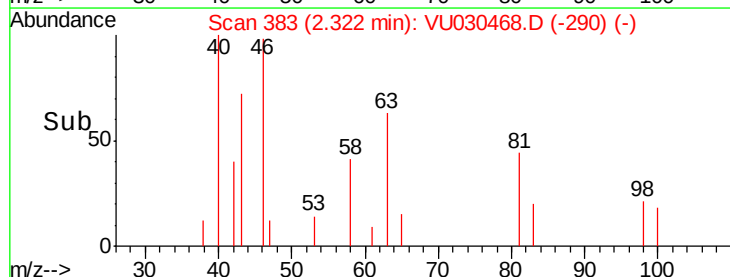
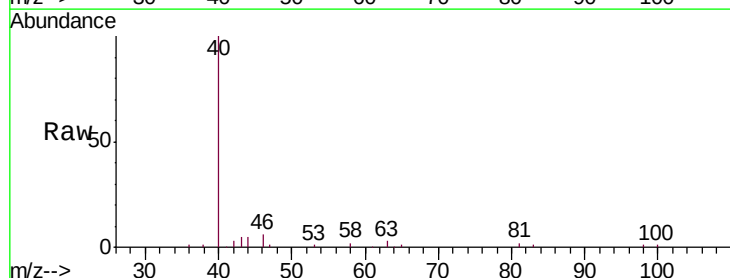
Instrument :
 MSVOA_U
 ClientSampleId :
 DB6S2

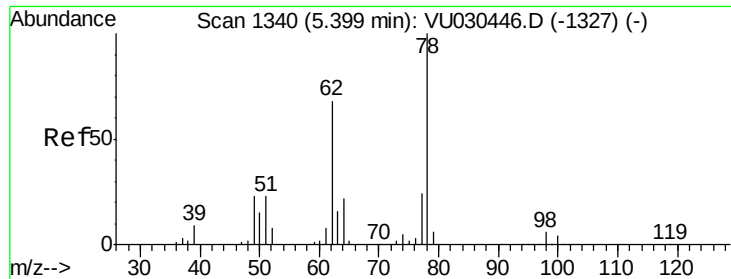
Tgt Ion: 96 Resp: 1842
 Ion Ratio Lower Upper
 96 100
 61 1502.7 131.0 243.4#
 63 13391.5 92.4 171.6#



#13
 Acetone
 Concen: 0.659 ug/L
 RT: 2.32 min Scan# 383
 Delta R.T. -0.00 min
 Lab File: VU030468.D
 Acq: 27 Mar 2019 01:00

Tgt Ion: 43 Resp: 2240
 Ion Ratio Lower Upper
 43 100
 58 28.6 0.0 62.8

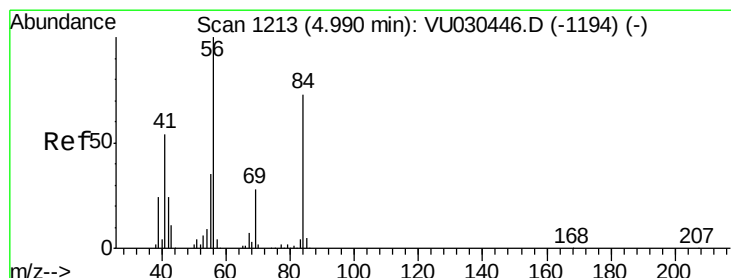
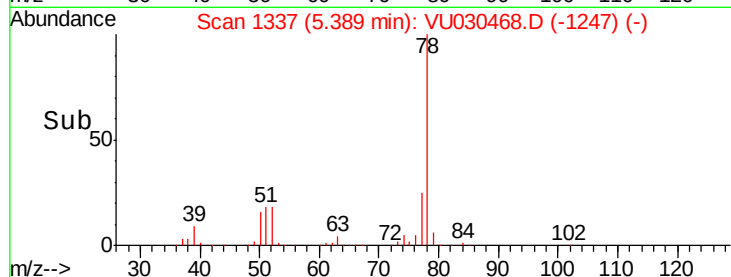
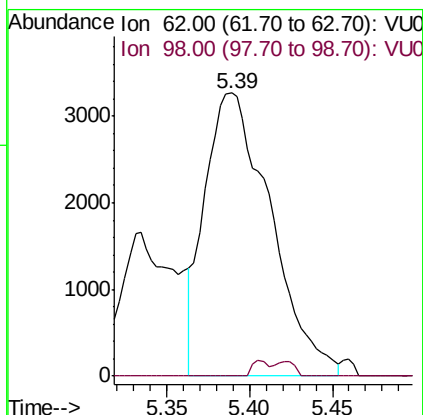
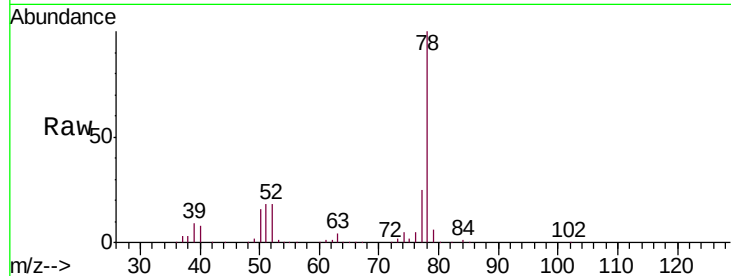




#27
 1,2-Dichloroethane
 Concen: 1.763 ug/L
 RT: 5.39 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: VU030468.D
 Acq: 27 Mar 2019 01:00

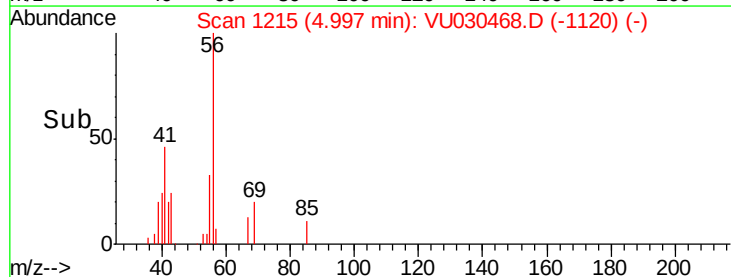
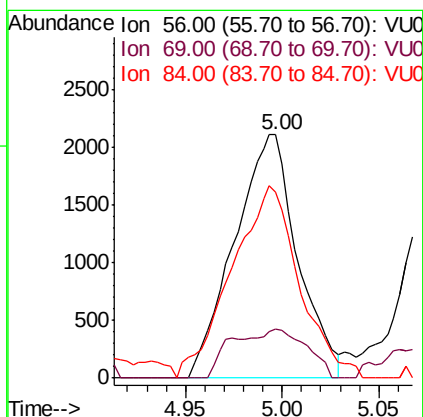
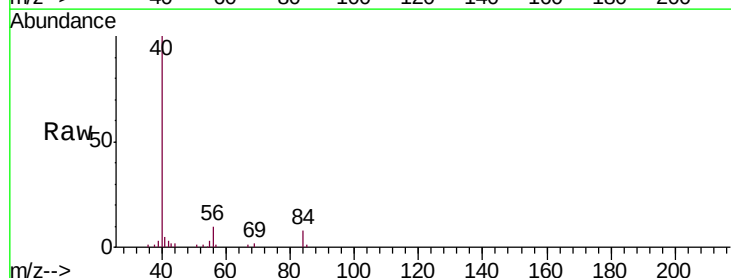
Instrument :
 MSVOA_U
 ClientSampleId :
 DB6S2

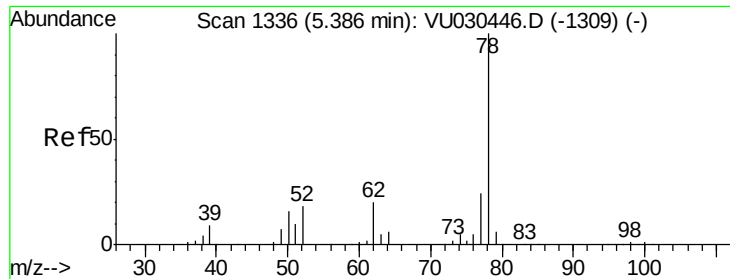
Tgt Ion: 62 Resp: 9003
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.2 10.8#



#29
 Cyclohexane
 Concen: 0.746 ug/L
 RT: 5.00 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: VU030468.D
 Acq: 27 Mar 2019 01:00

Tgt Ion: 56 Resp: 4808
 Ion Ratio Lower Upper
 56 100
 69 5.6 22.9 34.3#
 84 83.5 58.9 88.3





#33

Benzene

Concen: 45.471 ug/L

RT: 5.39 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU030468.D

Acq: 27 Mar 2019 01:00

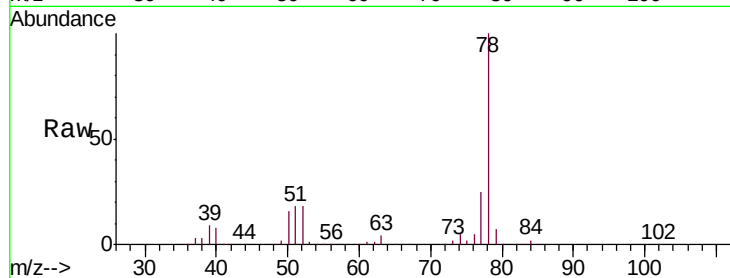
Instrument :

MSVOA_U

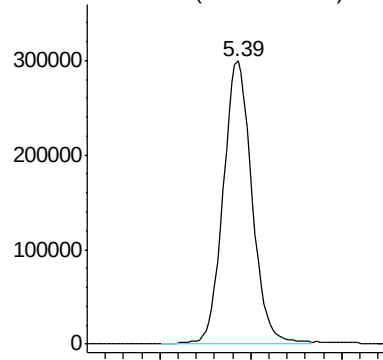
ClientSampled :

DB6S2

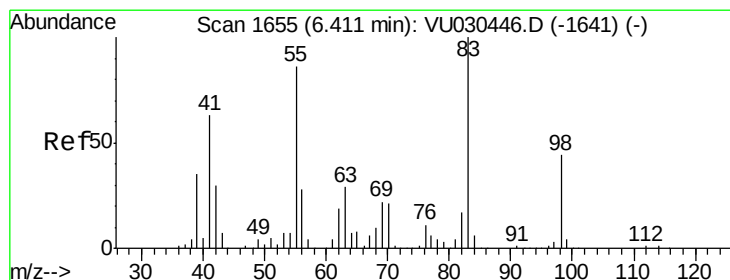
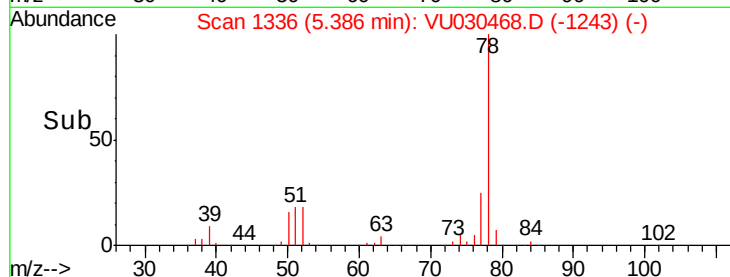
Tgt Ion: 78 Resp: 659471



Abundance Ion 78.00 (77.70 to 78.70): VU0



Time-->



#35

Methylcyclohexane

Concen: 0.635 ug/L

RT: 6.41 min Scan# 1655

Delta R.T. -0.00 min

Lab File: VU030468.D

Acq: 27 Mar 2019 01:00

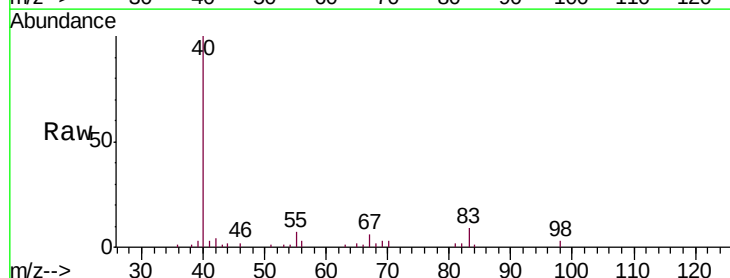
Tgt Ion: 83 Resp: 3728

Ion Ratio Lower Upper

83 100

55 108.7 71.4 107.0#

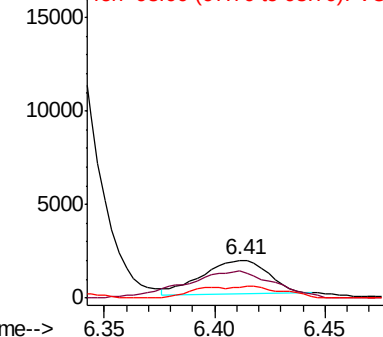
98 23.5 36.0 54.0#



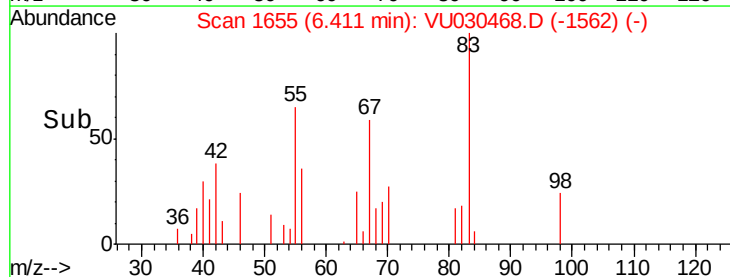
Abundance Ion 83.00 (82.70 to 83.70): VU0

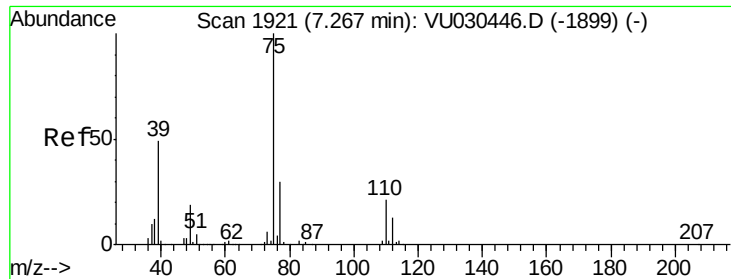
Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



Time-->

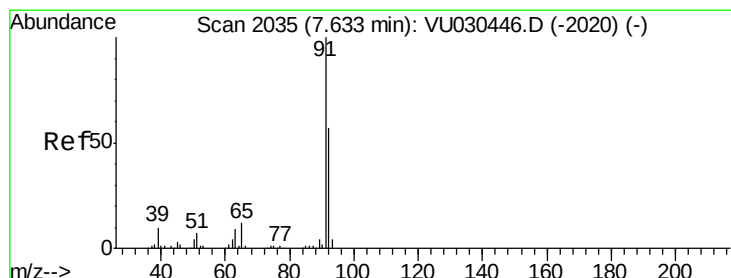
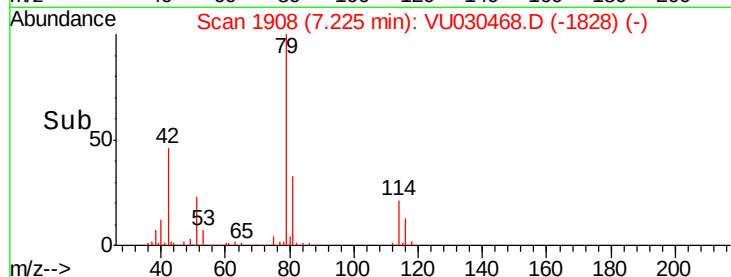
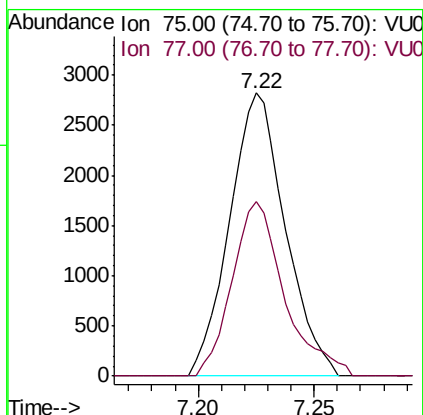
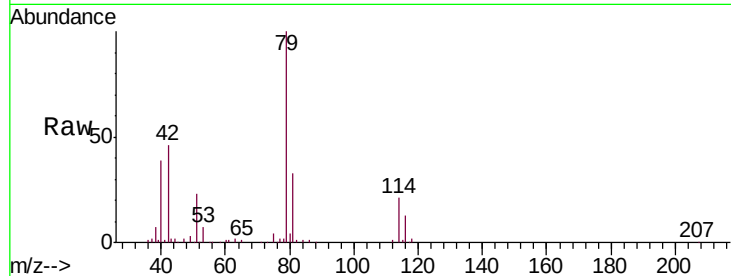




#39
 cis-1,3-Dichloropropene
 Concen: 0.796 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU030468.D
 Acq: 27 Mar 2019 01:00

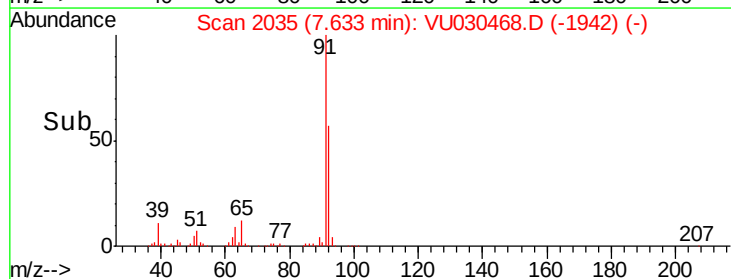
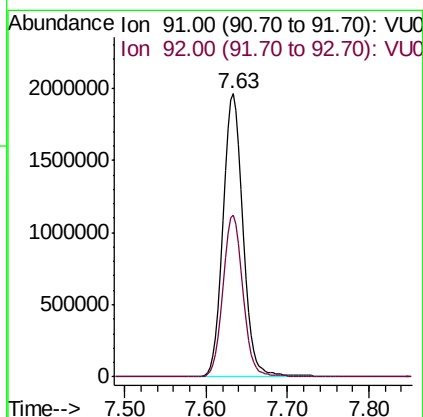
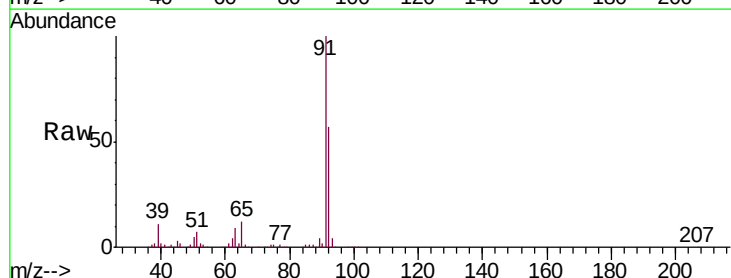
Instrument :
 MSVOA_U
 ClientSampleId :
 DB6S2

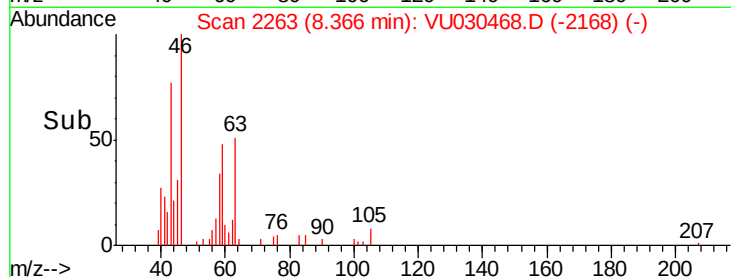
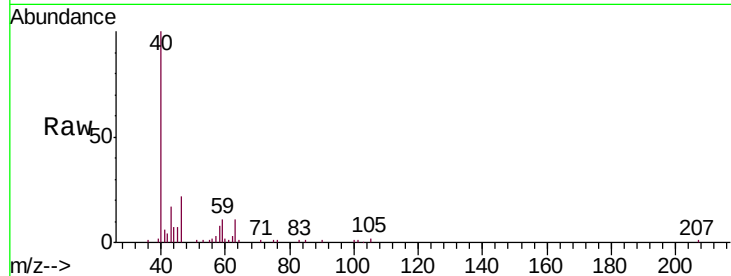
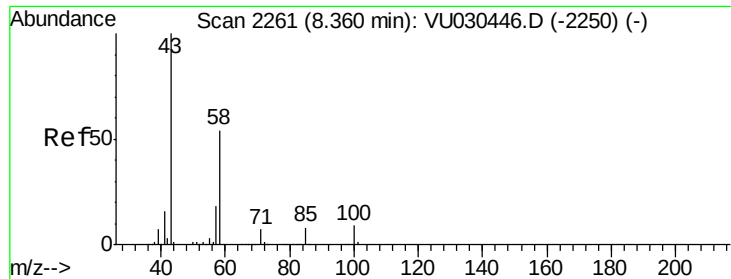
Tgt Ion: 75 Resp: 4707
 Ion Ratio Lower Upper
 75 100
 77 61.8 21.8 40.6#



#42
 Toluene
 Concen: 228.278 ug/L
 RT: 7.63 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VU030468.D
 Acq: 27 Mar 2019 01:00

Tgt Ion: 91 Resp: 3436020
 Ion Ratio Lower Upper
 91 100
 92 57.3 39.7 73.7

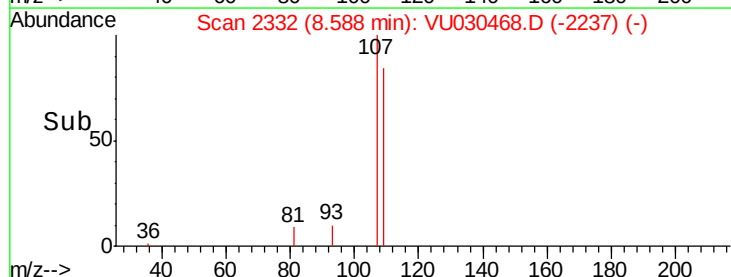
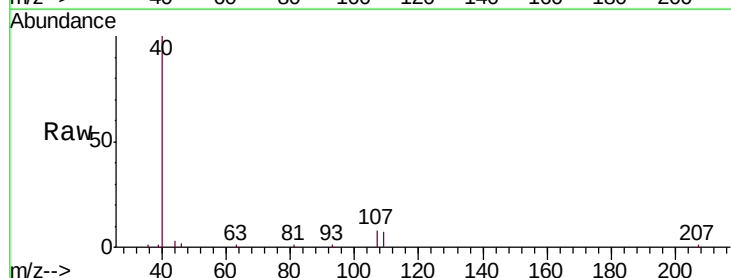
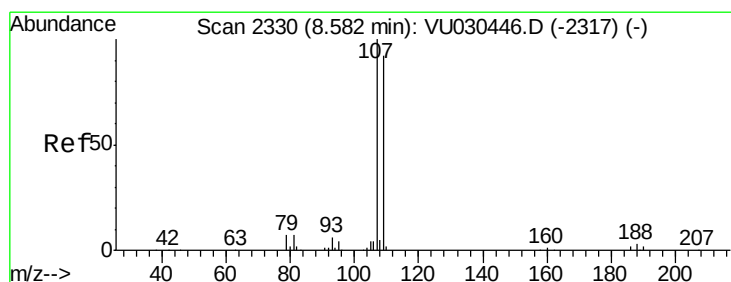
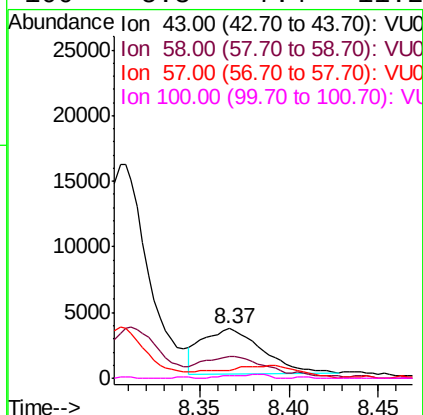




#48
2-Hexanone
Concen: 1.435 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030468.D
Acq: 27 Mar 2019 01:00

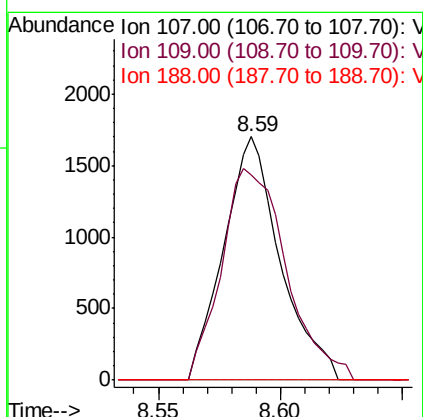
Instrument :
MSVOA_U
ClientSampleId :
DB6S2

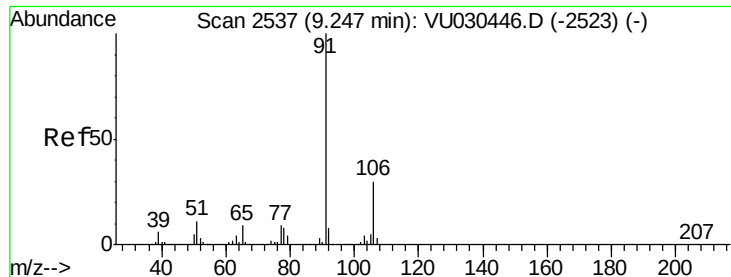
Tgt Ion: 43 Resp: 8132
Ion Ratio Lower Upper
43 100
58 36.0 42.5 63.7#
57 2.7 15.0 22.6#
100 5.3 7.4 11.2#



#50
1,2-Dibromoethane
Concen: 0.733 ug/L
RT: 8.59 min Scan# 2332
Delta R.T. 0.01 min
Lab File: VU030468.D
Acq: 27 Mar 2019 01:00

Tgt Ion: 107 Resp: 2737
Ion Ratio Lower Upper
107 100
109 84.1 65.8 122.2
188 0.0 2.6 4.0#





#52

Ethylbenzene

Concen: 30.293 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. -0.00 min

Lab File: VU030468.D

Acq: 27 Mar 2019 01:00

Instrument :

MSVOA_U

ClientSampleId :

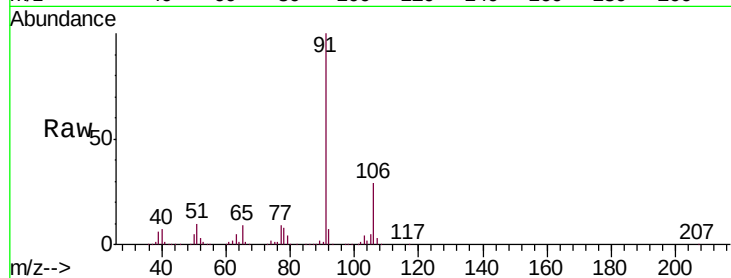
DB6S2

Tgt Ion: 91 Resp: 493938

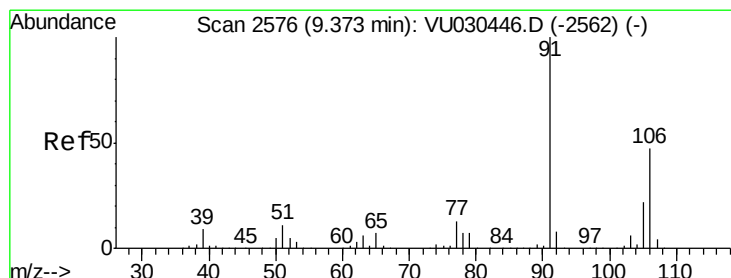
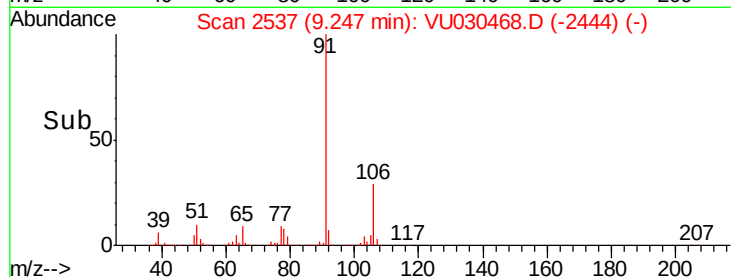
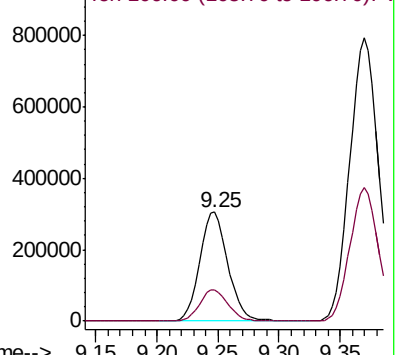
Ion Ratio Lower Upper

91 100

106 29.2 20.6 38.2



Abundance Ion 91.00 (90.70 to 91.70): VU030446.D (-2523) (-)



#53

m,p-Xylene

Concen: 105.050 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU030468.D

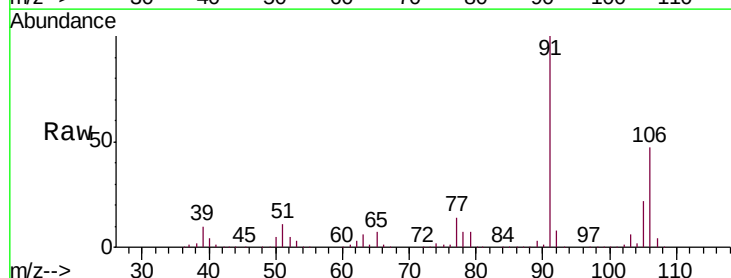
Acq: 27 Mar 2019 01:00

Tgt Ion: 106 Resp: 618474

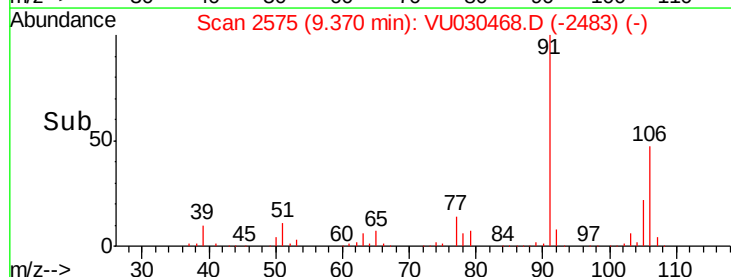
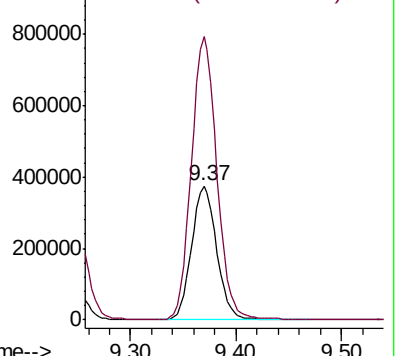
Ion Ratio Lower Upper

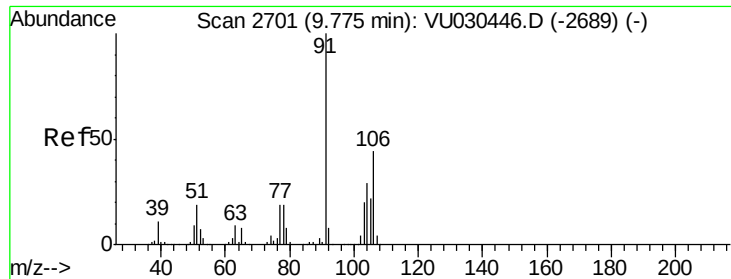
106 100

91 211.8 151.2 280.8



Abundance Ion 106.00 (105.70 to 106.70): VU030446.D (-2562) (-)

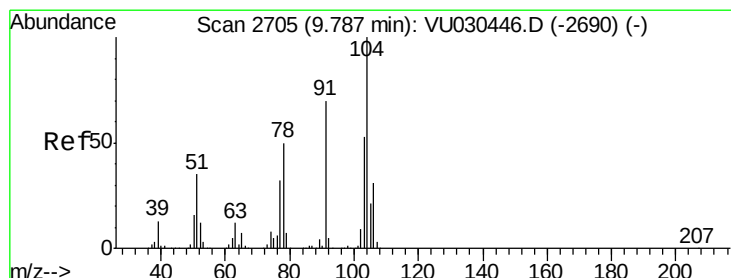
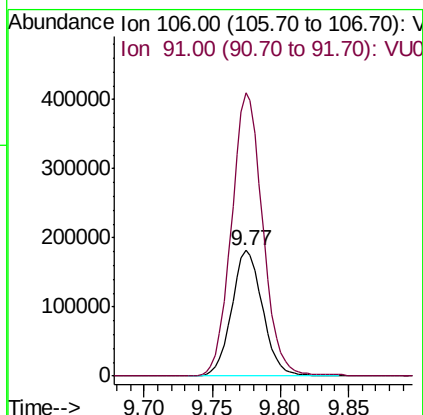
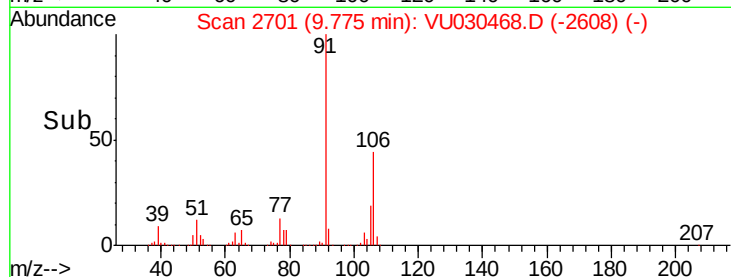
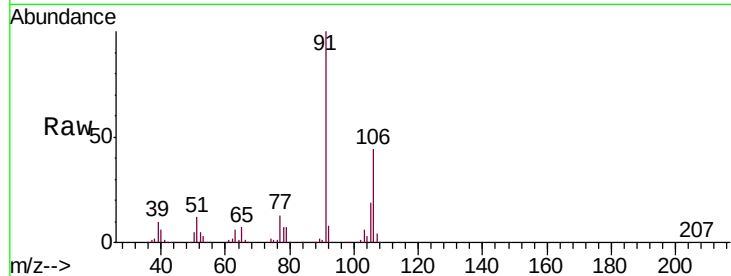




#54
o-xylene
Concen: 50.014 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU030468.D
Acq: 27 Mar 2019 01:00

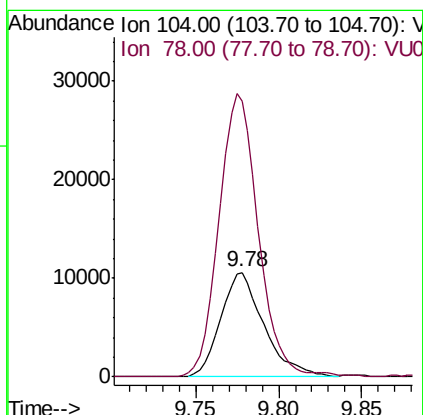
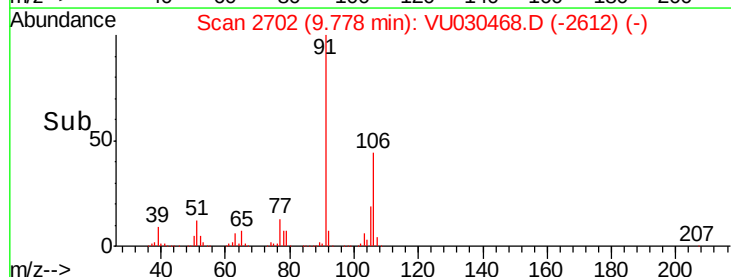
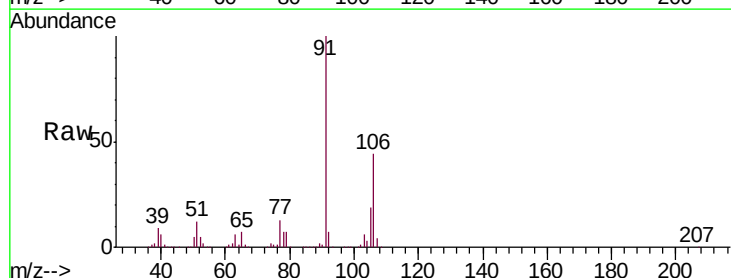
Instrument :
MSVOA_U
ClientSampleId :
DB6S2

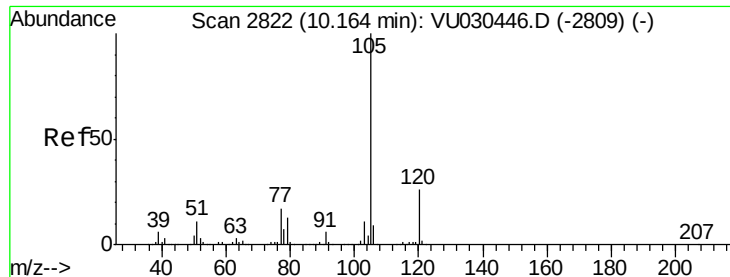
Tgt Ion:106 Resp: 287310
Ion Ratio Lower Upper
106 100
91 225.1 159.6 296.4



#55
Styrene
Concen: 1.934 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. -0.01 min
Lab File: VU030468.D
Acq: 27 Mar 2019 01:00

Tgt Ion:104 Resp: 19139
Ion Ratio Lower Upper
104 100
78 264.1 35.1 65.3#





#56

Isopropylbenzene

Concen: 1.238 ug/L

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU030468.D

Acq: 27 Mar 2019 01:00

Instrument :

MSVOA_U

ClientSampleId :

DB6S2

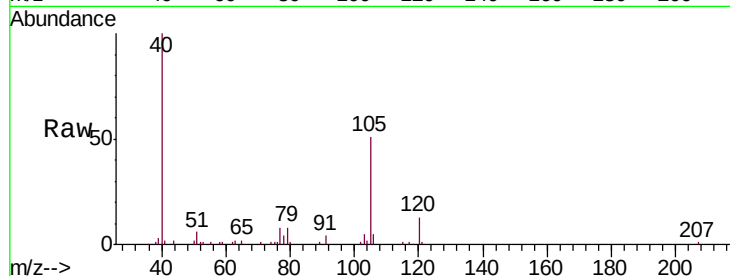
Tgt Ion: 105 Resp: 18824

Ion Ratio Lower Upper

105 100

120 24.4 20.2 30.2

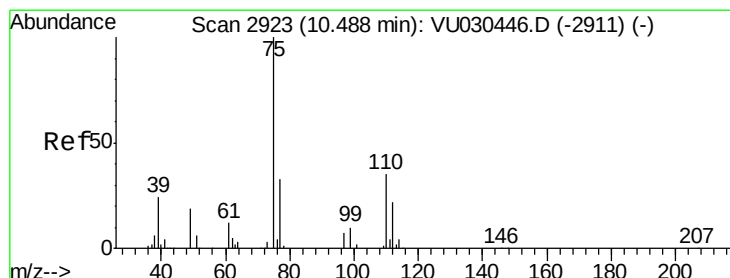
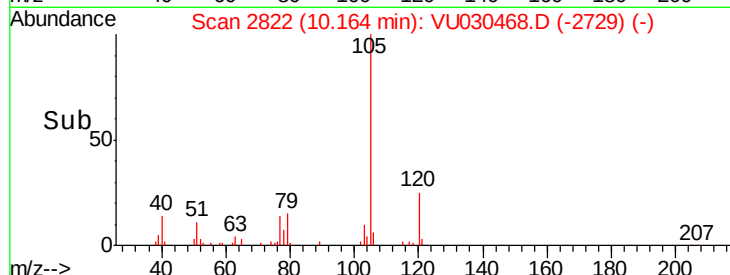
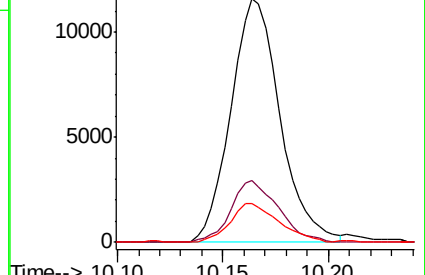
77 15.8 13.2 19.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#59

1,2,3-Trichloropropane

Concen: 5.196 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030468.D

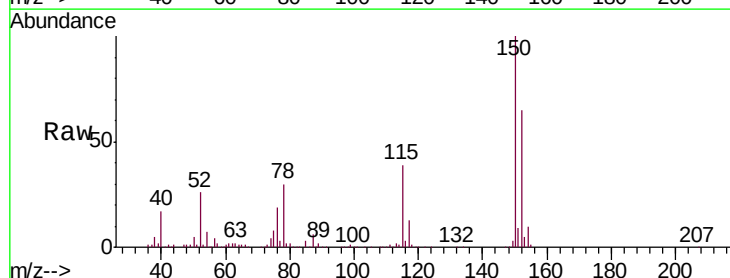
Acq: 27 Mar 2019 01:00

Tgt Ion: 75 Resp: 26030

Ion Ratio Lower Upper

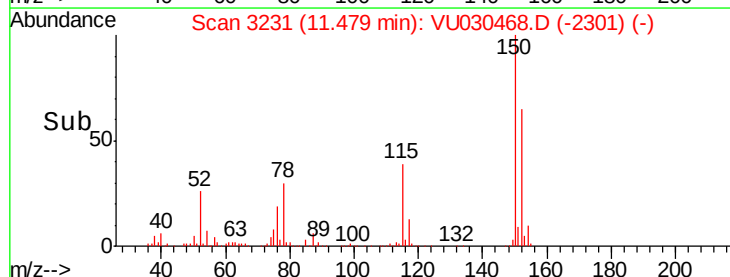
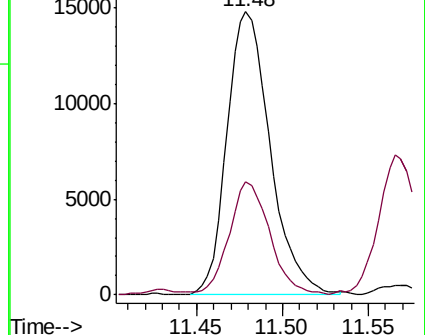
75 100

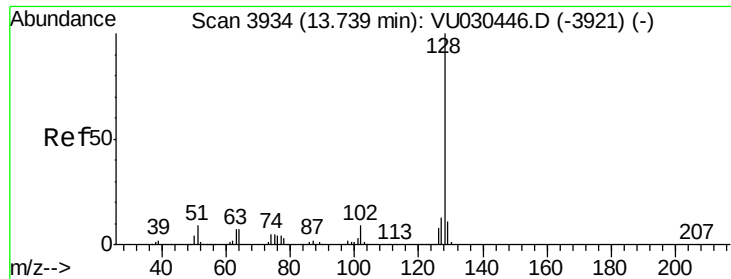
77 37.5 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#69

Naphthalene

Concen: 4.371 ug/L

RT: 13.75 min Scan# 3936

Delta R.T. 0.01 min

Lab File: VU030468.D

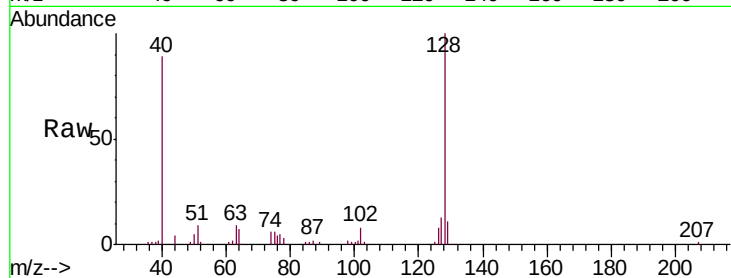
Acq: 27 Mar 2019 01:00

Instrument :

MSVOA_U

ClientSampleId :

DB6S2



Tgt Ion:128 Resp: 62360

Ion Ratio Lower Upper

128 100

127 11.3 10.4 15.6

129 9.2 8.4 12.6

