

Data File : VU030756.D
Acq On : 05 Apr 2019 21:14
Operator : JC/SP
Sample : K2168-19DL 5X
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF641DL

Quant Time: Apr 06 02:21:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 02:16:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	496417	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	483854	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	226921	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	170396	38.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.90%
7) Chloroethane-d5	1.65	69	139012	41.33	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.66%
11) 1,1-Dichloroethene-d2	2.26	63	246344	30.74	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.48%
21) 2-Butanone-d5	4.17	46	369473	105.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.20%
24) Chloroform-d	4.64	84	286710	42.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.70%
26) 1,2-Dichloroethane-d4	5.30	65	214029	46.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.68%
32) Benzene-d6	5.33	84	611815	43.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.62%
36) 1,2-Dichloropropane-d6	6.32	67	219641	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.74%
41) Toluene-d8	7.56	98	543869	43.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.88%
43) trans-1,3-Dichloropropene-	7.85	79	95811	43.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.82%
47) 2-Hexanone-d5	8.31	63	225993	102.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.15%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	306385	46.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.84%
64) 1,2-Dichlorobenzene-d4	11.85	152	203527	45.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.22%

Target Compounds

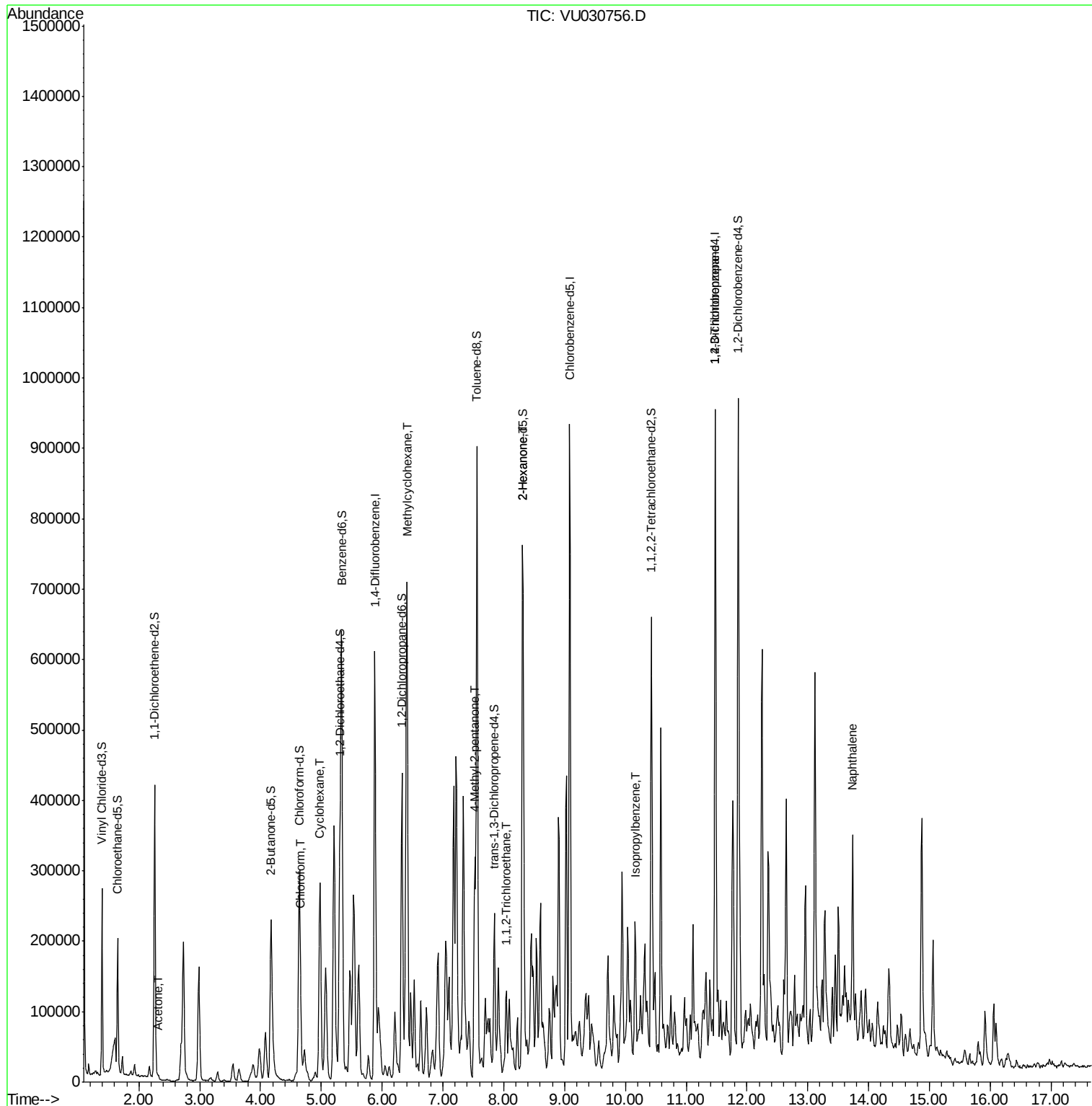
					Qvalue
13) Acetone	2.32	43	3456	0.962 ug/L	75
25) Chloroform	4.67	83	19120	2.530 ug/L	99
29) Cyclohexane	4.98	56	66386	9.626 ug/L #	62
35) Methylcyclohexane	6.41	83	273749	45.676 ug/L	92
40) 4-Methyl-2-pentanone	7.52	43	17905	2.483 ug/L #	65
45) 1,1,2-Trichloroethane	8.04	97	38088	10.017 ug/L #	17
48) 2-Hexanone	8.32	43	124608	22.152 ug/L #	36
56) Isopropylbenzene	10.16	105	104910	6.520 ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	30739	5.724 ug/L	100
69) Naphthalene	13.74	128	208499	14.433 ug/L	99

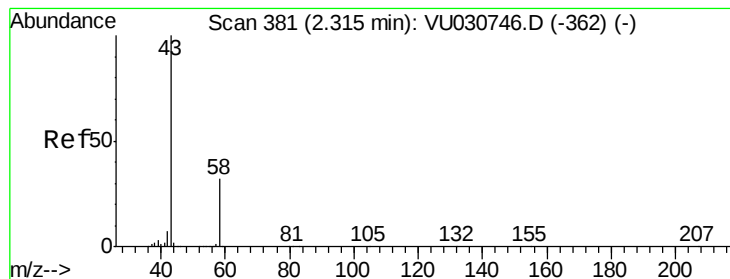
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU030756.D
Acq On : 05 Apr 2019 21:14
Operator : JC/SP
Sample : K2168-19DL 5X
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF641DL

Quant Time: Apr 06 02:21:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 02:16:29 2019
Response via : Initial Calibration





#13

Acetone

Concen: 0.962 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VU030756.D

Acq: 05 Apr 2019 21:14

Instrument :

MSVOA_U

ClientSampleId :

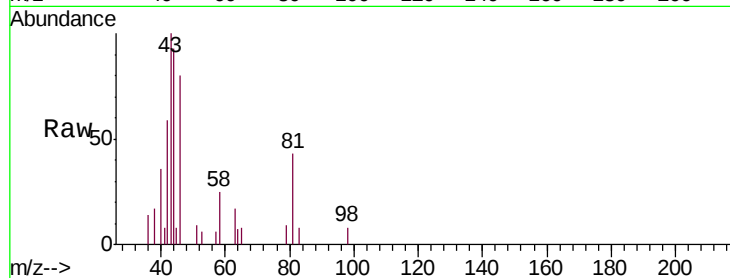
BF641DL

Tgt Ion: 43 Resp: 3456

Ion Ratio Lower Upper

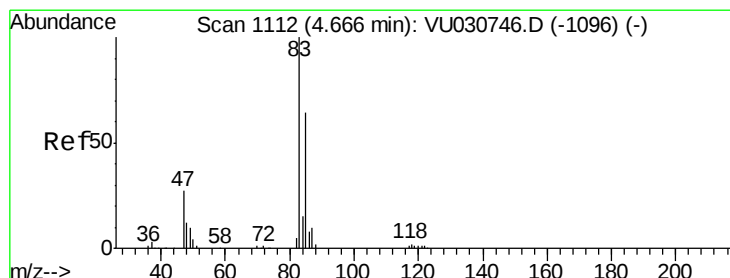
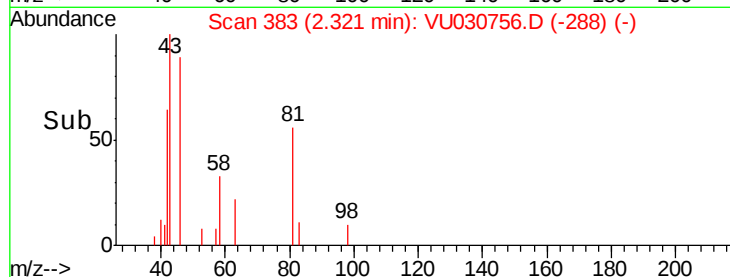
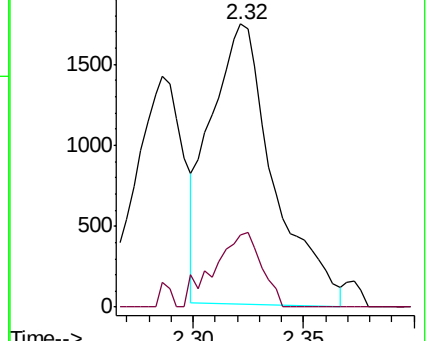
43 100

58 18.1 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU030746.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU030746.D (-362) (-)



#25

Chloroform

Concen: 2.530 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU030756.D

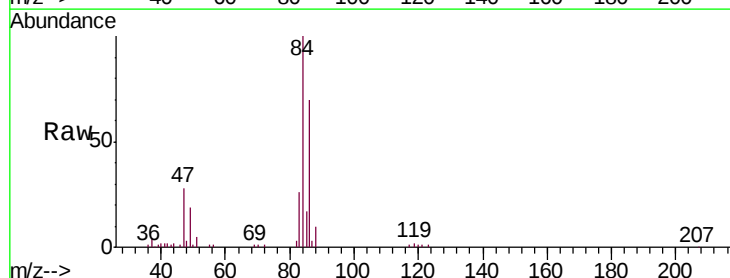
Acq: 05 Apr 2019 21:14

Tgt Ion: 83 Resp: 19120

Ion Ratio Lower Upper

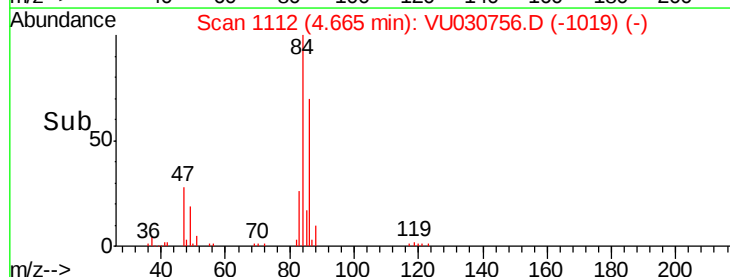
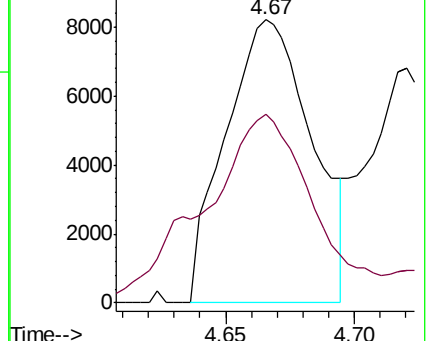
83 100

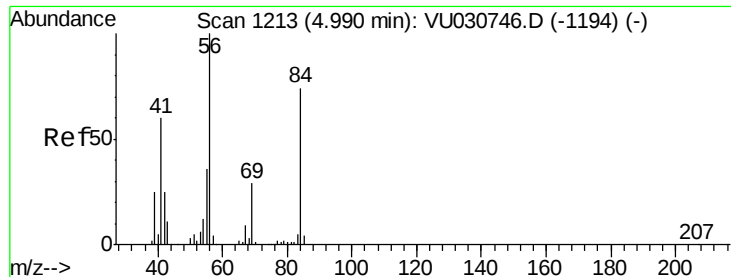
85 66.6 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU030746.D (-1096) (-)

Ion 85.00 (84.70 to 85.70): VU030746.D (-1096) (-)

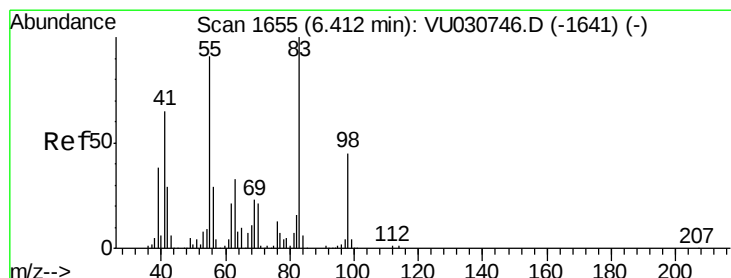
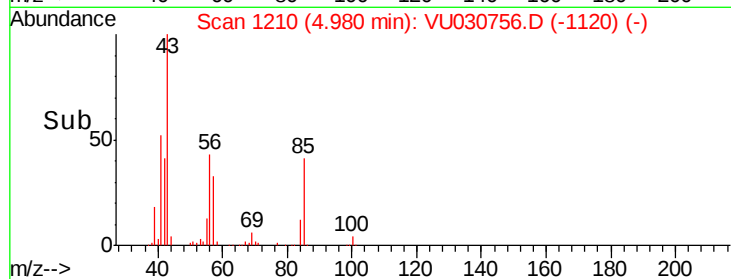
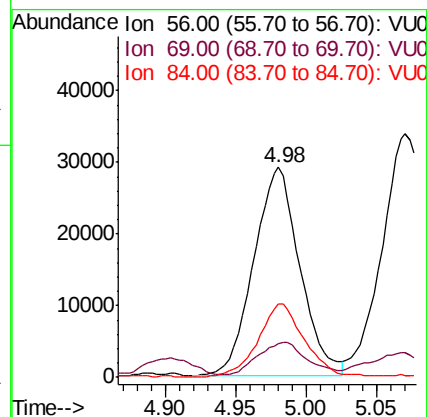
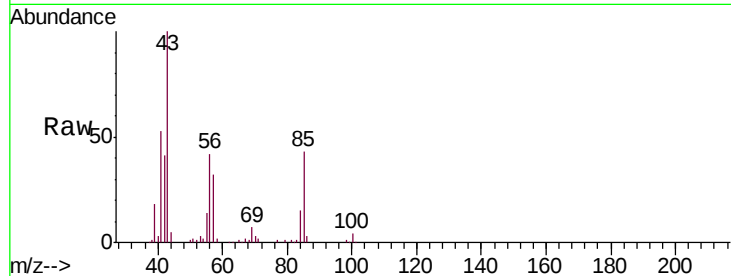




#29
Cyclohexane
Concen: 9.626 ug/L
RT: 4.98 min Scan# 1210
Delta R.T. -0.01 min
Lab File: VU030756.D
Acq: 05 Apr 2019 21:14

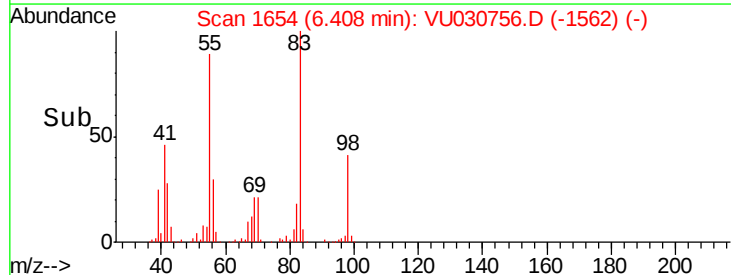
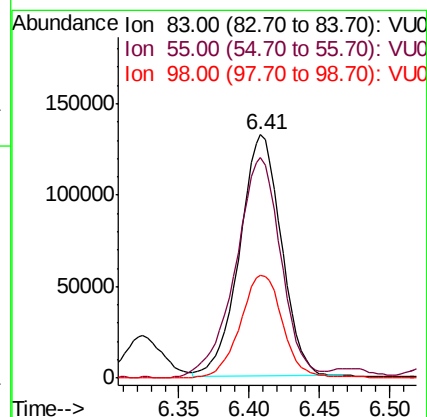
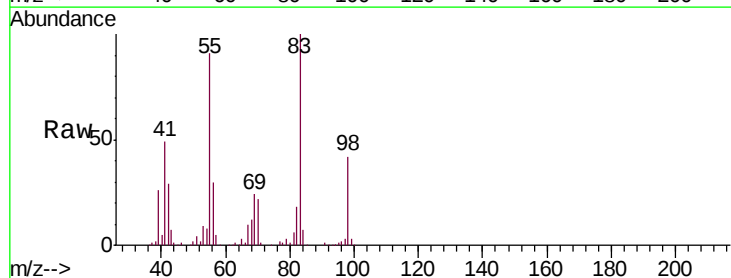
Instrument :
MSVOA_U
ClientSampleId :
BF641DL

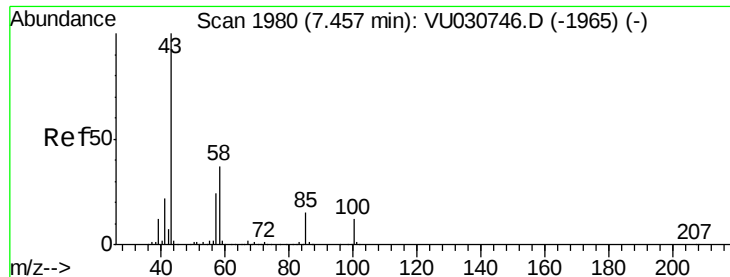
Tgt Ion: 56 Resp: 66386
Ion Ratio Lower Upper
56 100
69 16.6 22.0 33.0#
84 35.2 58.2 87.2#



#35
Methylcyclohexane
Concen: 45.676 ug/L
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU030756.D
Acq: 05 Apr 2019 21:14

Tgt Ion: 83 Resp: 273749
Ion Ratio Lower Upper
83 100
55 99.4 71.6 107.4
98 43.1 35.4 53.0

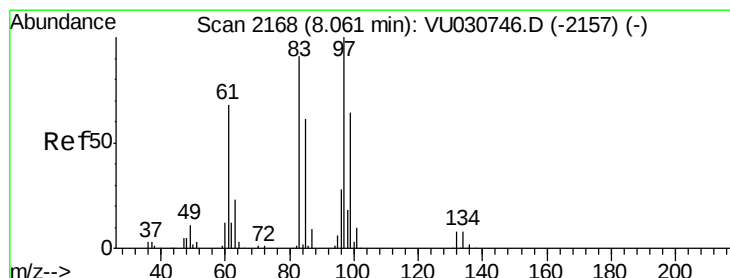
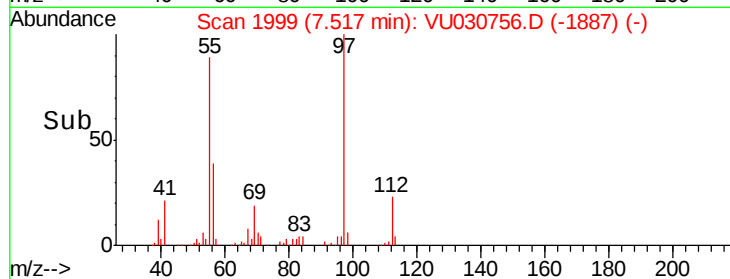
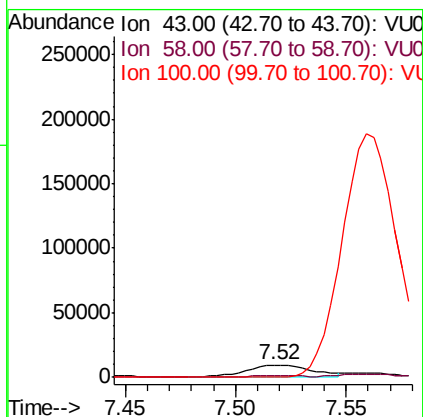
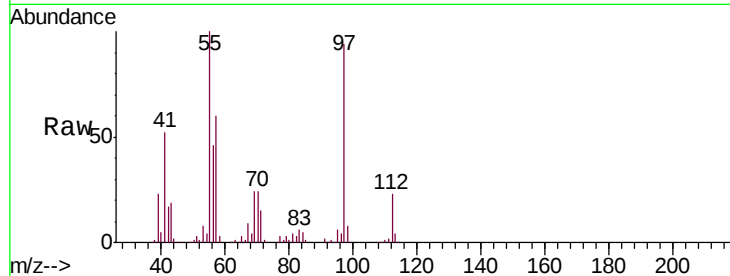




#40
 4-Methyl-2-pentanone
 Concen: 2.483 ug/L
 RT: 7.52 min Scan# 1999
 Delta R.T. 0.06 min
 Lab File: VU030756.D
 Acq: 05 Apr 2019 21:14

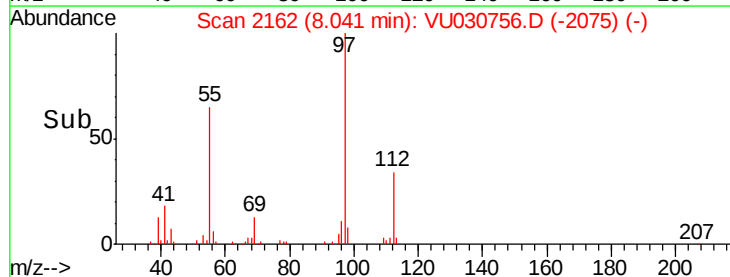
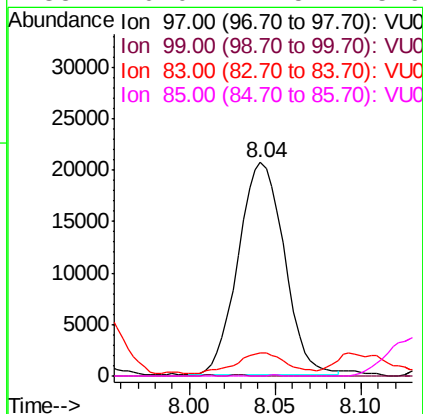
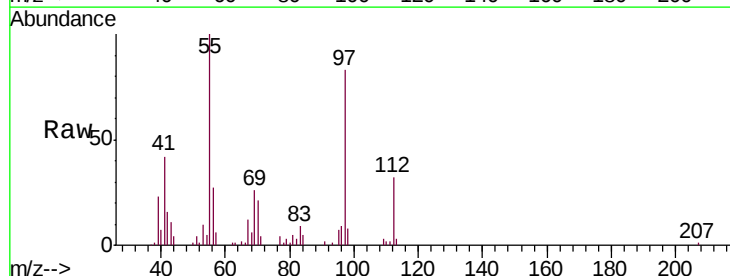
Instrument :
 MSVOA_U
 ClientSampleID :
 BF641DL

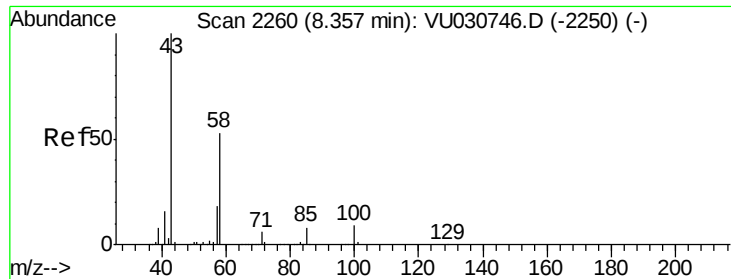
Tgt Ion: 43 Resp: 17905
 Ion Ratio Lower Upper
 43 100
 58 15.4 29.7 44.5#
 100 0.0 9.8 14.6#



#45
 1,1,2-Trichloroethane
 Concen: 10.017 ug/L
 RT: 8.04 min Scan# 2162
 Delta R.T. -0.02 min
 Lab File: VU030756.D
 Acq: 05 Apr 2019 21:14

Tgt Ion: 97 Resp: 38088
 Ion Ratio Lower Upper
 97 100
 99 0.0 44.0 81.8#
 83 11.0 65.3 121.3#
 85 0.0 42.5 78.9#

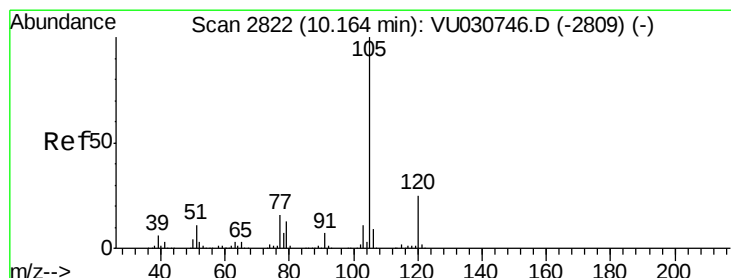
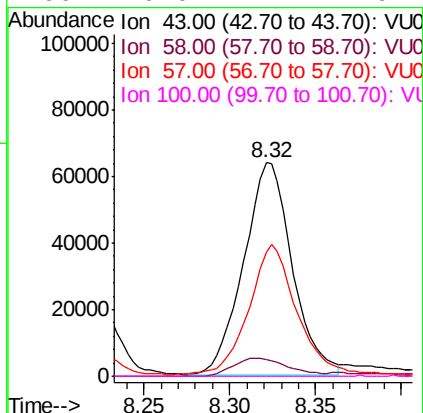
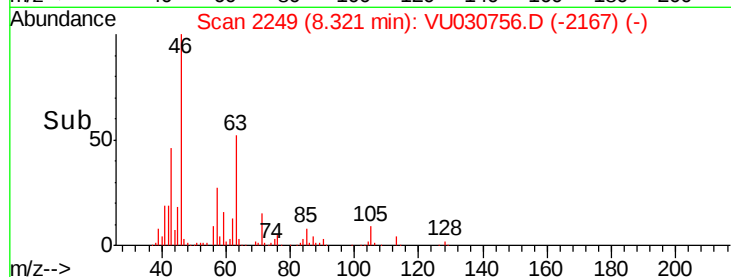
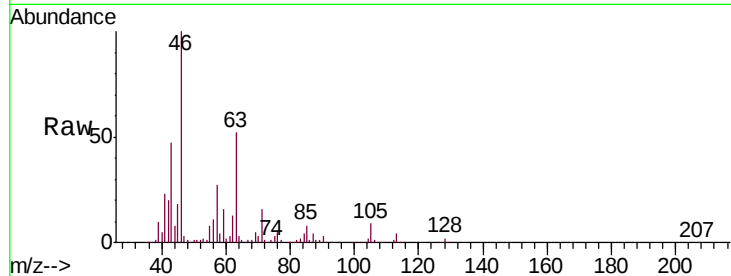




#48
2-Hexanone
Concen: 22.152 ug/L
RT: 8.32 min Scan# 2249
Delta R.T. -0.04 min
Lab File: VU030756.D
Acq: 05 Apr 2019 21:14

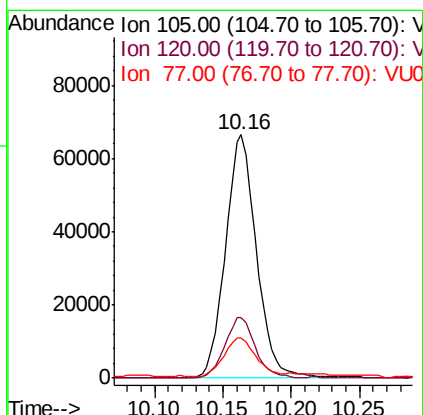
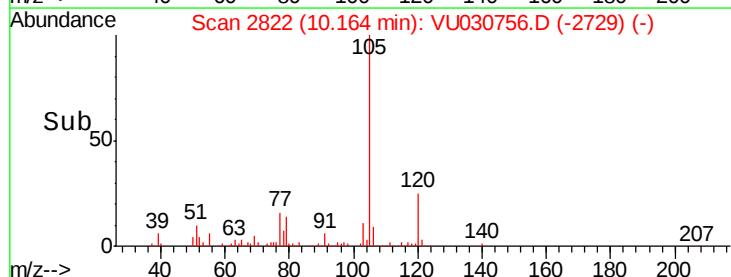
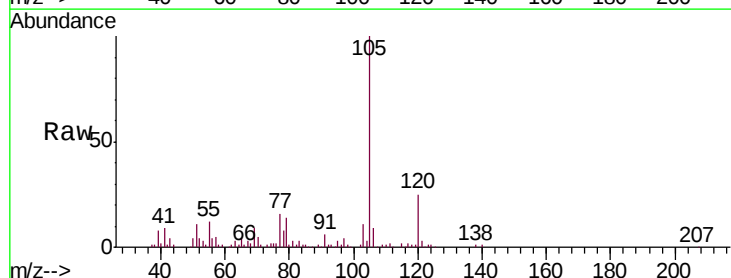
Instrument :
MSVOA_U
ClientSampleId :
BF641DL

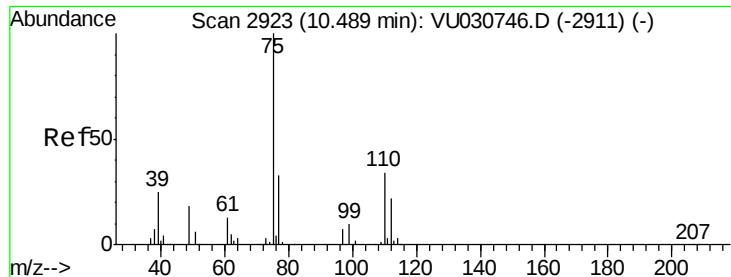
Tgt Ion: 43 Resp: 124608
Ion Ratio Lower Upper
43 100
58 9.7 41.9 62.9#
57 59.9 14.3 21.5#
100 0.0 7.1 10.7#



#56
Isopropylbenzene
Concen: 6.520 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. -0.00 min
Lab File: VU030756.D
Acq: 05 Apr 2019 21:14

Tgt Ion: 105 Resp: 104910
Ion Ratio Lower Upper
105 100
120 24.3 20.4 30.6
77 16.4 13.4 20.2





#59

1,2,3-Trichloropropane

Concen: 5.724 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030756.D

Acq: 05 Apr 2019 21:14

Instrument :

MSVOA_U

ClientSampleId :

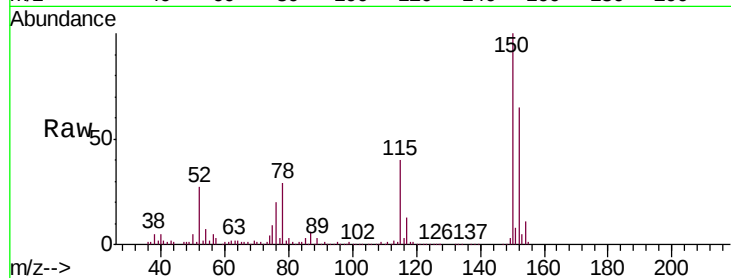
BF641DL

Tgt Ion: 75 Resp: 30739

Ion Ratio Lower Upper

75 100

77 32.9 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU030746.D (-2911) (-)

Ion 77.00 (76.70 to 77.70): VU030746.D (-2911) (-)

11.48

20000

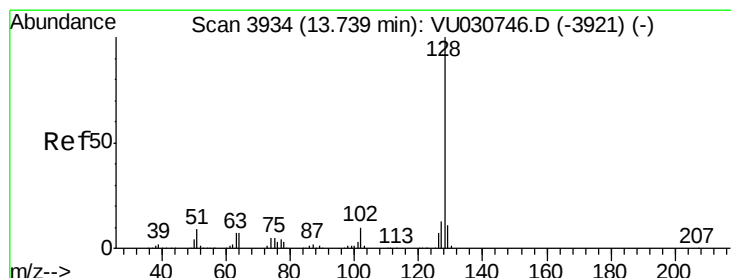
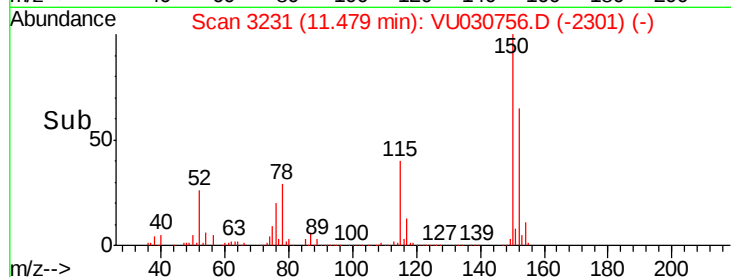
15000

10000

5000

0

Time--> 11.40 11.45 11.50 11.55



#69

Naphthalene

Concen: 14.433 ug/L

RT: 13.74 min Scan# 3934

Delta R.T. -0.00 min

Lab File: VU030756.D

Acq: 05 Apr 2019 21:14

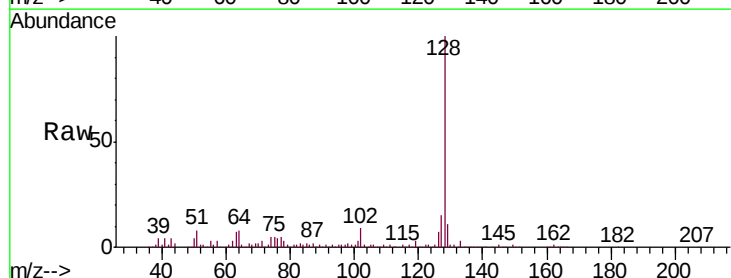
Tgt Ion: 128 Resp: 208499

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 11.2 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): VU030746.D (-3921) (-)

Ion 127.00 (126.70 to 127.70): VU030746.D (-3921) (-)

Ion 129.00 (128.70 to 129.70): VU030746.D (-3921) (-)

13.74

150000

100000

50000

0

Time--> 13.70 13.80

