

Data File : VU029647.D
Acq On : 25 Feb 2019 10:26
Operator : JC/SP
Sample : VU0225WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK41

Quant Time: Feb 26 00:15:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 00:12:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	503681	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	473153	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	232060	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	161810	43.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.68%
7) Chloroethane-d5	1.68	69	139059	42.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.76%
11) 1,1-Dichloroethene-d2	2.27	63	238884	33.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.22%
21) 2-Butanone-d5	4.17	46	219343	97.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.66%
24) Chloroform-d	4.64	84	281159	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.94%
26) 1,2-Dichloroethane-d4	5.31	65	173934	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.78%
32) Benzene-d6	5.34	84	605177	50.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.66%
36) 1,2-Dichloropropane-d6	6.32	67	183625	51.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.52%
41) Toluene-d8	7.56	98	568510	46.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.58%
43) trans-1,3-Dichloropropene-	7.85	79	86237	45.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.78%
47) 2-Hexanone-d5	8.31	63	168724	84.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.59%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	271364	44.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	228516	45.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.38%

Target Compounds

						Qvalue
6) Bromomethane	1.62	94	2606	1.388	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2787	0.794	ug/L #	30
12) 1,1-Dichloroethene	2.27	96	2546	0.763	ug/L #	1
39) cis-1,3-Dichloropropene	7.22	75	5348	1.041	ug/L #	74
44) trans-1,3-Dichloropropene	7.85	75	3828	0.791	ug/L #	77
48) 2-Hexanone	8.37	43	4083	1.044	ug/L #	73
69) Naphthalene	13.76	128	9814	0.654	ug/L #	88
70) 1,2,3-Trichlorobenzene	14.00	180	4303	0.830	ug/L	87

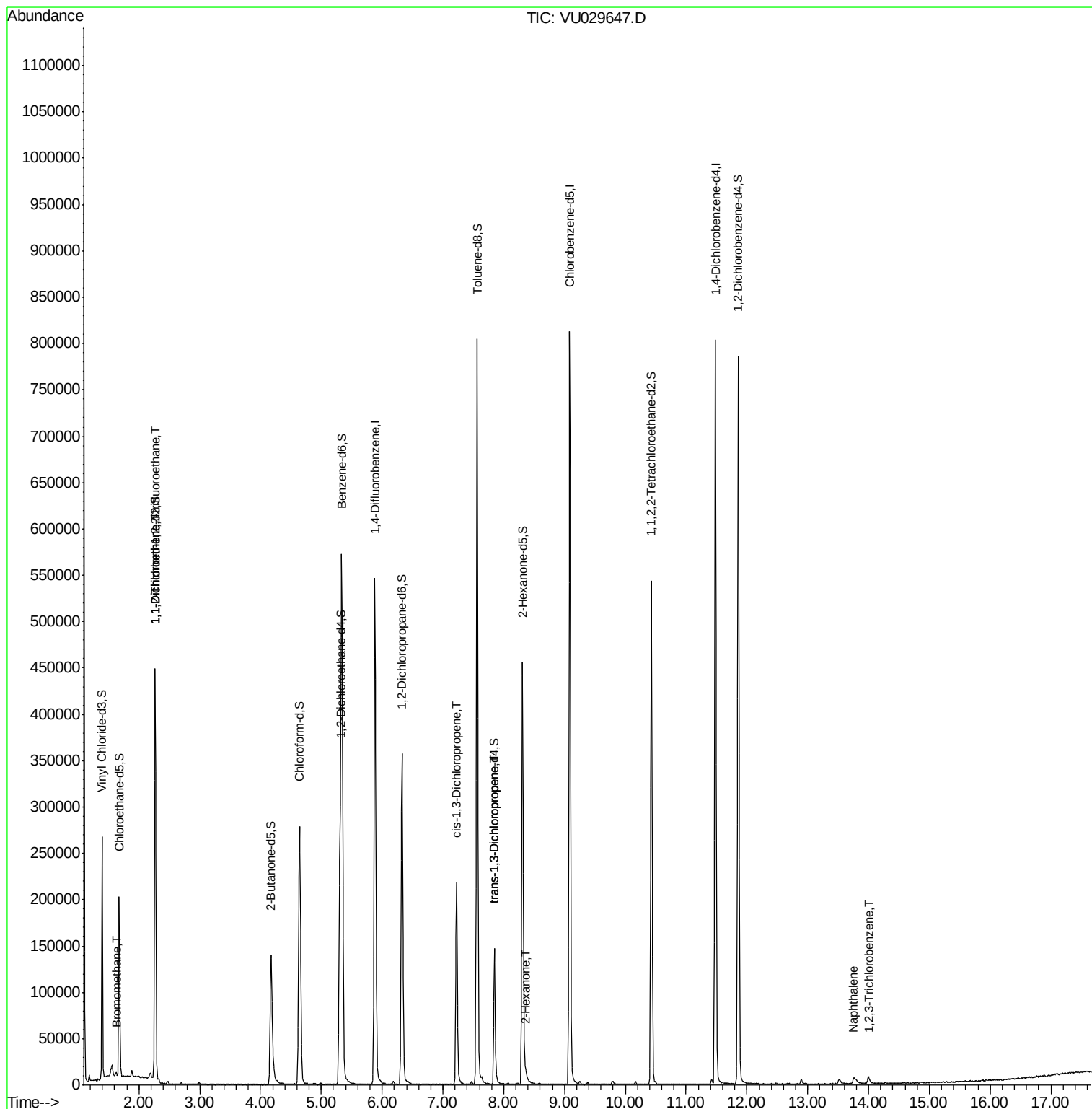
(#) = qualifier out of range (m) = manual integration (+) = signals summed

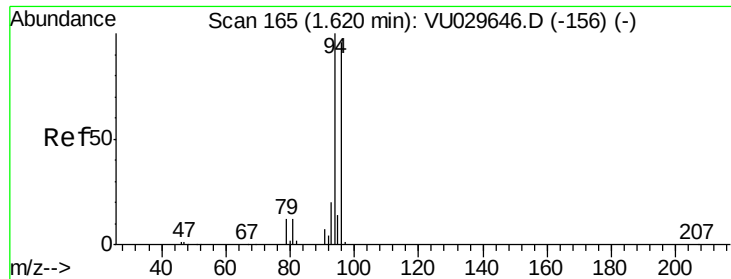
Data File : VU029647.D

```
Acq On       : 25 Feb 2019   10:26
Operator     : JC/SP
Sample       : VU0225WBL01
Misc         : 5.0mL/MSVOA_U/WATER
ALS Vial     : 3      Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
VBLK41

Quant Time: Feb 26 00:15:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 00:12:24 2019
Response via : Initial Calibration





#6

Bromomethane

Concen: 1.388 ug/L

RT: 1.62 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU029647.D

Acq: 25 Feb 2019 10:26

Instrument :

MSVOA_U

ClientSampleId :

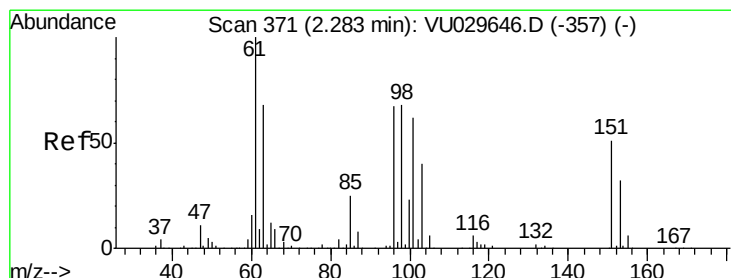
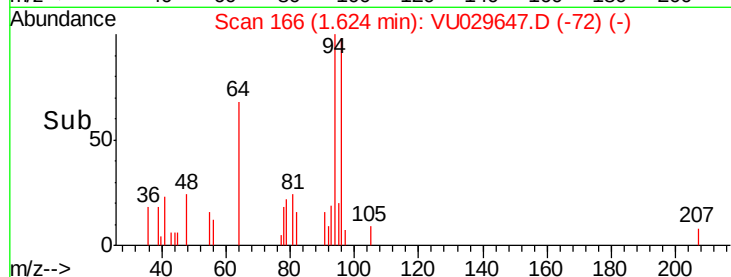
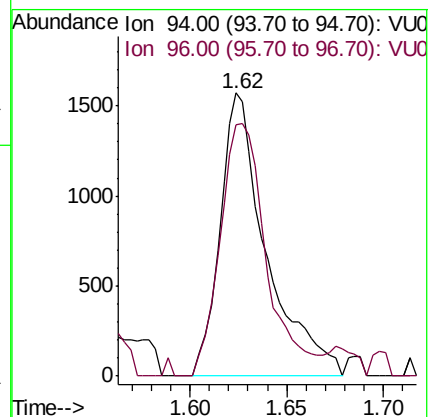
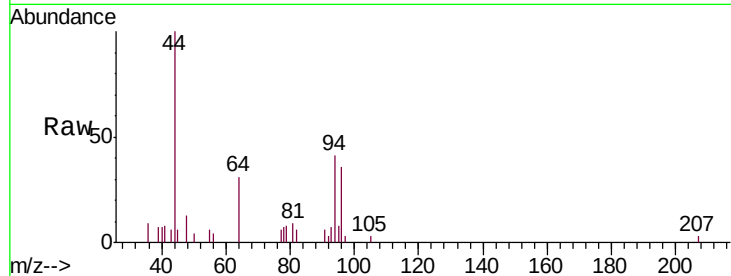
VBLK41

Tgt Ion: 94 Resp: 2606

Ion Ratio Lower Upper

94 100

96 88.8 66.4 123.2



#10

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

Concen: 0.794 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029647.D

Acq: 25 Feb 2019 10:26

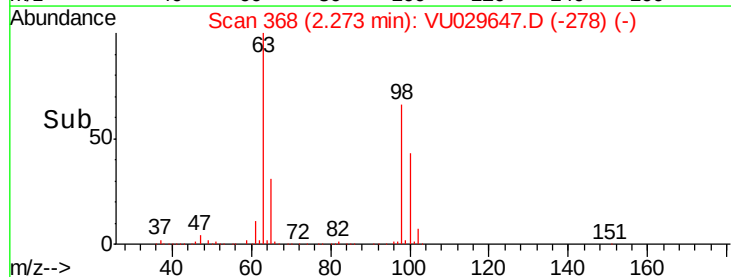
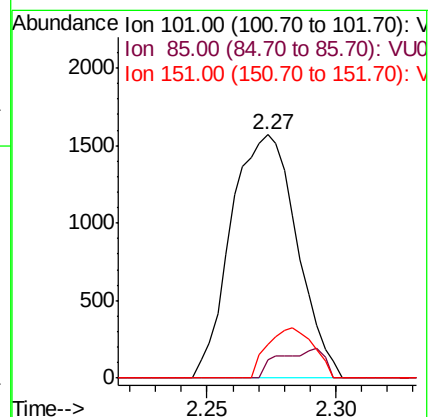
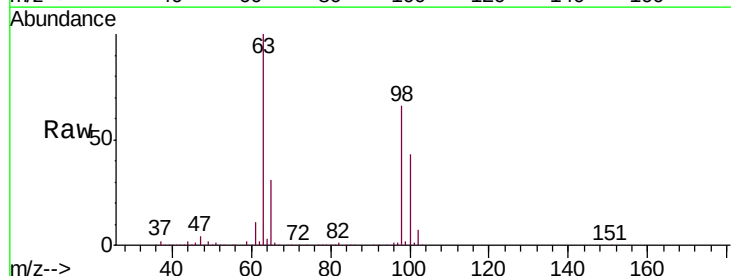
Tgt Ion: 101 Resp: 2787

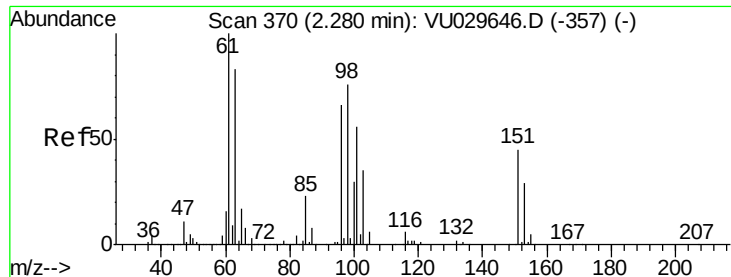
Ion Ratio Lower Upper

101 100

85 3.8 33.0 49.6#

151 14.5 65.7 98.5#

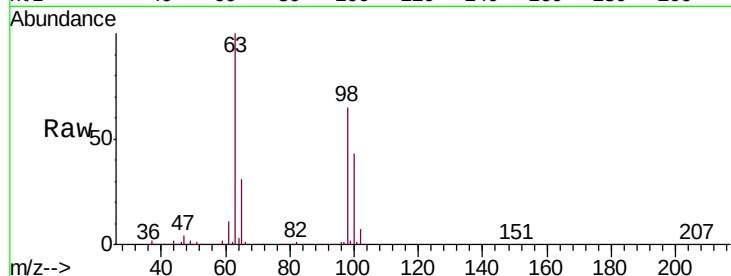




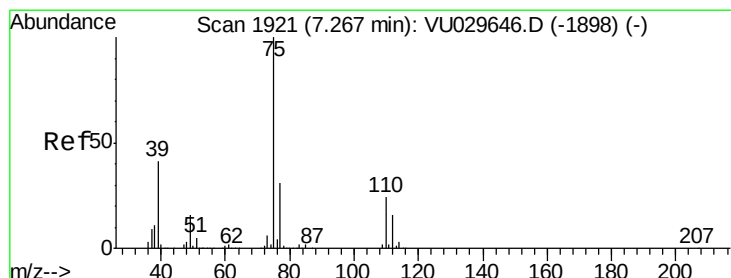
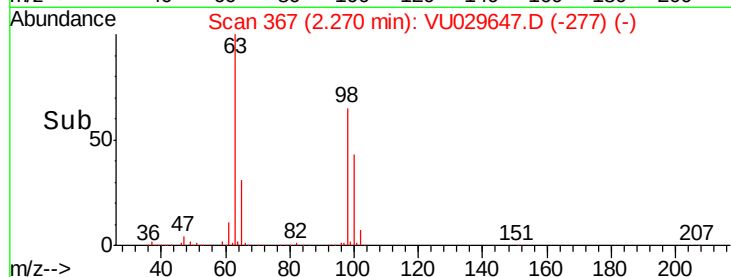
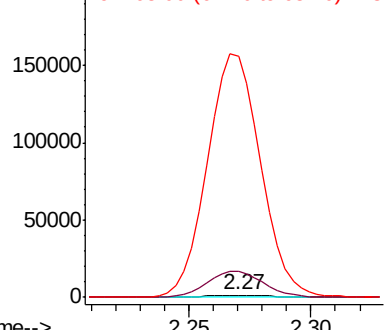
#12
 1,1-Dichloroethene
 Concen: 0.763 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VU029647.D
 Acq: 25 Feb 2019 10:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK41

Tgt Ion: 96 Resp: 2546
 Ion Ratio Lower Upper
 96 100
 61 1170.0 114.0 211.8#
 63 10837.3 98.7 183.3#

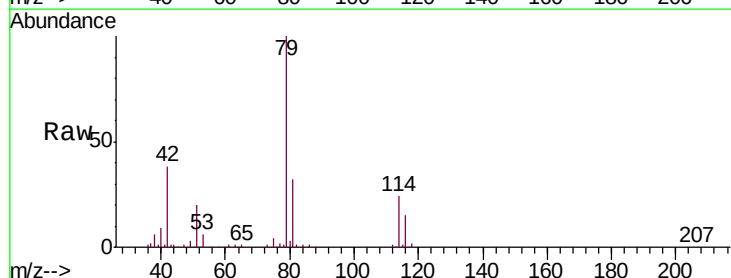


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 63.00 (62.70 to 63.70): VU0

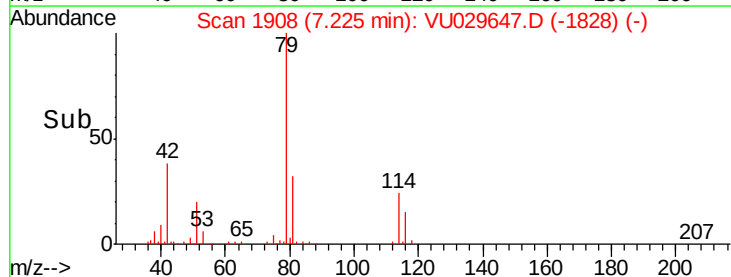
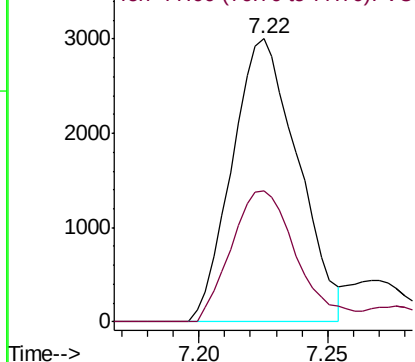


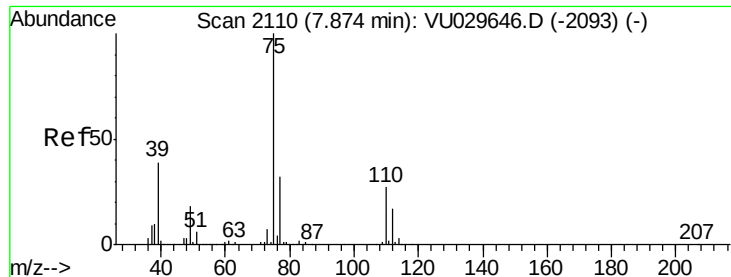
#39
 cis-1,3-Dichloropropene
 Concen: 1.041 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU029647.D
 Acq: 25 Feb 2019 10:26

Tgt Ion: 75 Resp: 5348
 Ion Ratio Lower Upper
 75 100
 77 46.2 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.791 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU029647.D

Acq: 25 Feb 2019 10:26

Instrument :

MSVOA_U

ClientSampleId :

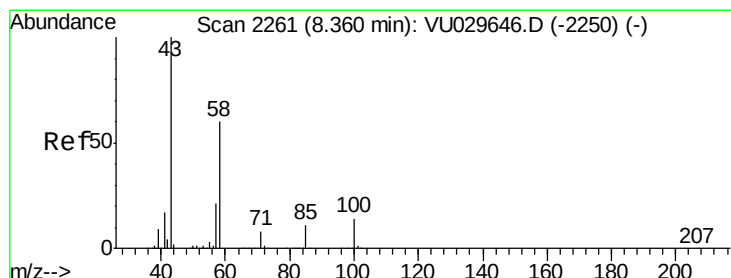
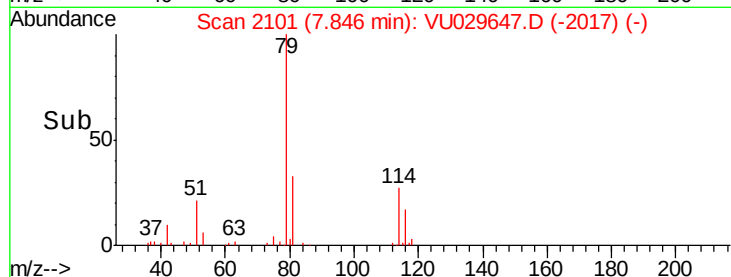
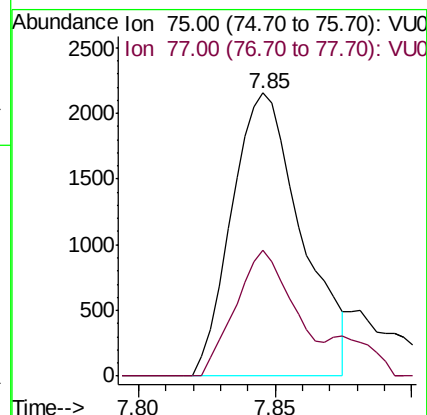
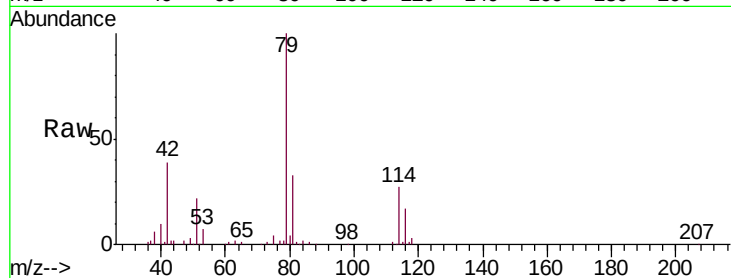
VBLK41

Tgt Ion: 75 Resp: 3828

Ion Ratio Lower Upper

75 100

77 44.4 22.1 41.1#



#48

2-Hexanone

Concen: 1.044 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.01 min

Lab File: VU029647.D

Acq: 25 Feb 2019 10:26

Tgt Ion: 43 Resp: 4083

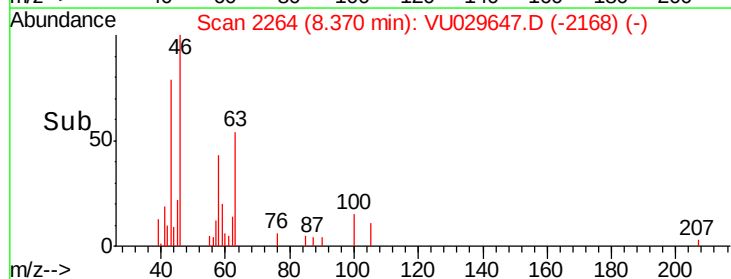
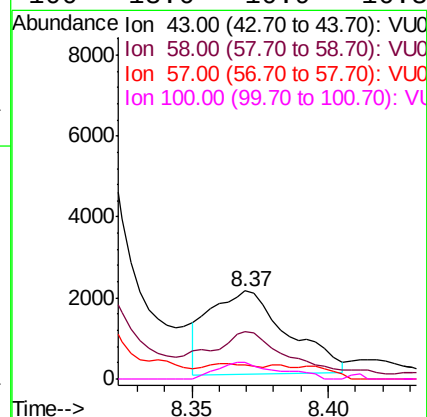
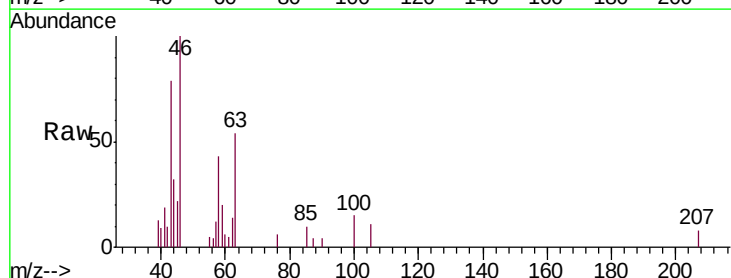
Ion Ratio Lower Upper

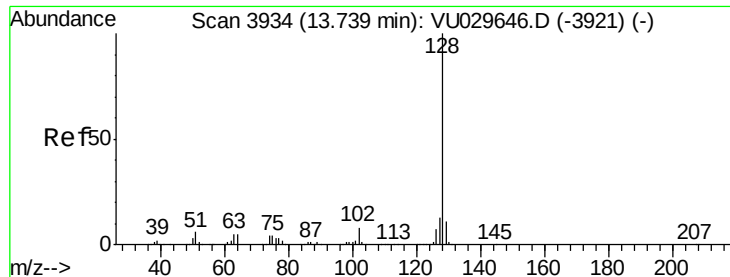
43 100

58 34.7 46.4 69.6#

57 4.6 15.7 23.5#

100 13.6 10.9 16.3





#69

Naphthalene

Concen: 0.654 ug/L

RT: 13.76 min Scan# 3939

Delta R.T. 0.02 min

Lab File: VU029647.D

Acq: 25 Feb 2019 10:26

Instrument :

MSVOA_U

ClientSampleId :

VBLK41

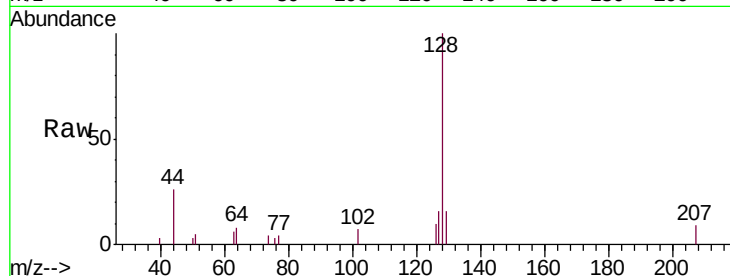
Tgt Ion:128 Resp: 9814

Ion Ratio Lower Upper

128 100

127 9.3 10.2 15.4#

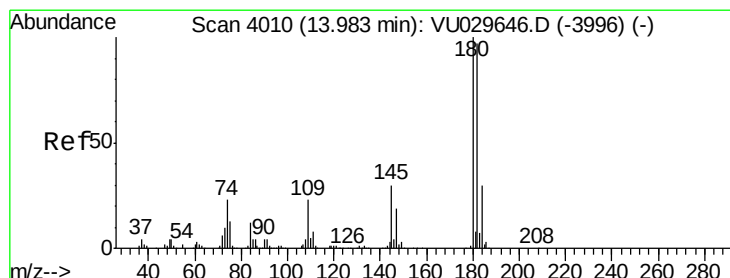
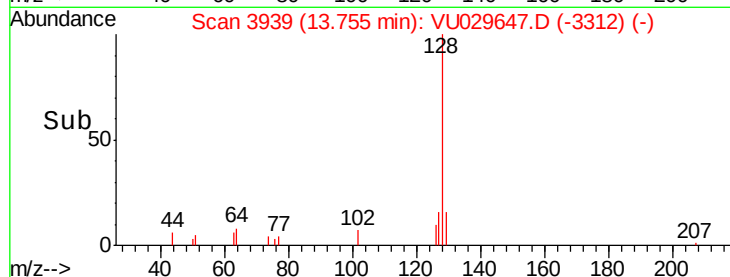
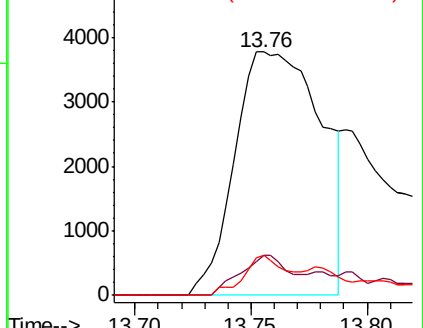
129 4.9 8.5 12.7#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.830 ug/L

RT: 14.00 min Scan# 4015

Delta R.T. 0.02 min

Lab File: VU029647.D

Acq: 25 Feb 2019 10:26

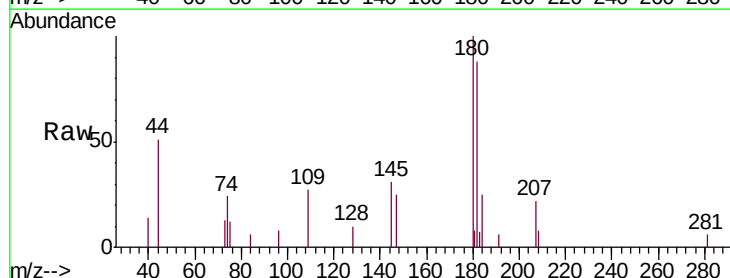
Tgt Ion:180 Resp: 4303

Ion Ratio Lower Upper

180 100

182 81.9 76.8 115.2

145 26.6 24.4 36.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

