

Data File : VU031424.D
Acq On : 23 Apr 2019 09:46
Operator : JC/SP
Sample : VU0423MBL02
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK41

Quant Time: Apr 24 06:03:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 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	682097	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	634430	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	268998	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	270030	48.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.70%
7) Chloroethane-d5	1.68	69	223121	53.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.04%
11) 1,1-Dichloroethene-d2	2.27	63	376961	39.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.42%
21) 2-Butanone-d5	4.19	46	448552	108.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.55%
24) Chloroform-d	4.64	84	429108	48.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.44%
26) 1,2-Dichloroethane-d4	5.31	65	273230	51.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.58%
32) Benzene-d6	5.34	84	908627	49.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.16%
36) 1,2-Dichloropropane-d6	6.32	67	307002	52.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.12%
41) Toluene-d8	7.56	98	805499	49.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.42%
43) trans-1,3-Dichloropropene-	7.85	79	128214	47.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.42%
47) 2-Hexanone-d5	8.31	63	301850	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	400236	50.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	280564	51.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.04%

Target Compounds

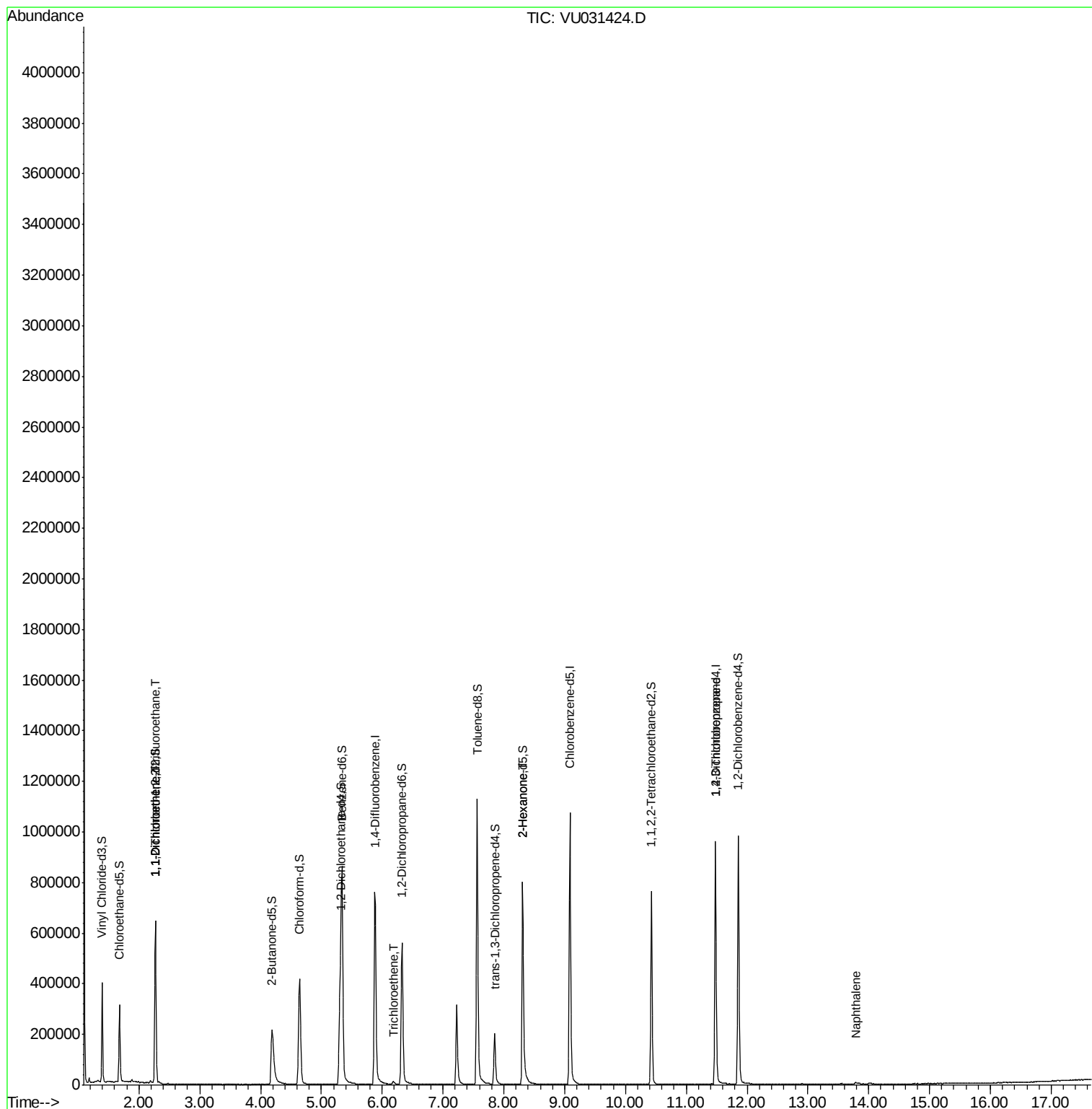
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3601	0.853	ug/L #	23
12) 1,1-Dichloroethene	2.27	96	3085	0.742	ug/L #	1
34) Trichloroethene	6.19	95	2499	0.514	ug/L #	78
48) 2-Hexanone	8.31	43	33198	5.725	ug/L #	70
59) 1,2,3-Trichloropropane	11.48	75	30858	5.112	ug/L	97
69) Naphthalene	13.79	128	6009	0.370	ug/L #	90

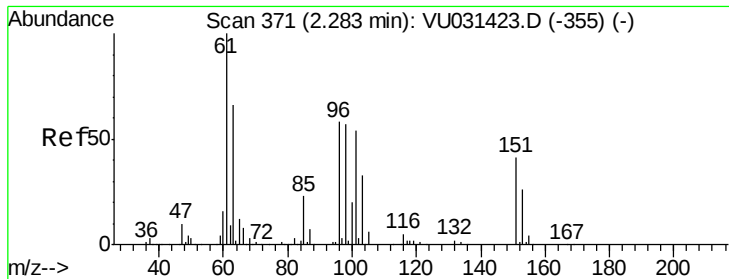
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU031424.D
Acq On : 23 Apr 2019 09:46
Operator : JC/SP
Sample : VU0423MBL02
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK41

Quant Time: Apr 24 06:03:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 06:00:22 2019
Response via : Initial Calibration





#10

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

Concen: 0.853 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU031424.D

Acq: 23 Apr 2019 09:46

Instrument :

MSVOA_U

ClientSampleId :

VBLK41

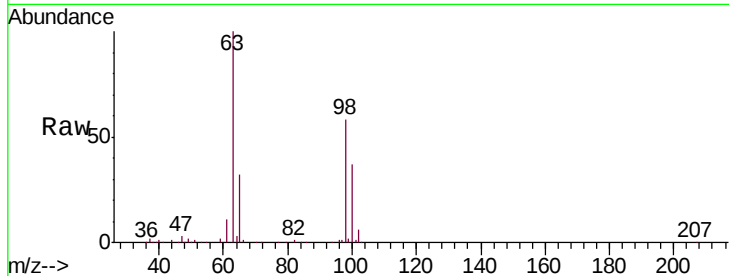
Tgt Ion: 101 Resp: 3601

Ion Ratio Lower Upper

101 100

85 1.2 33.1 49.7#

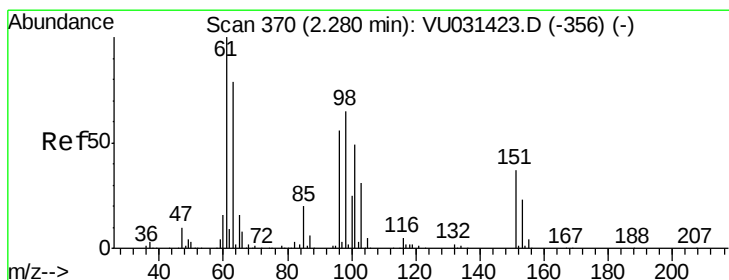
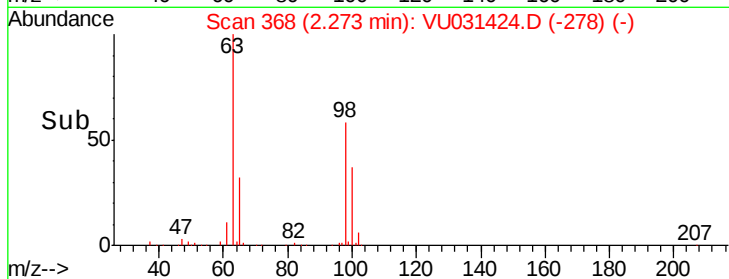
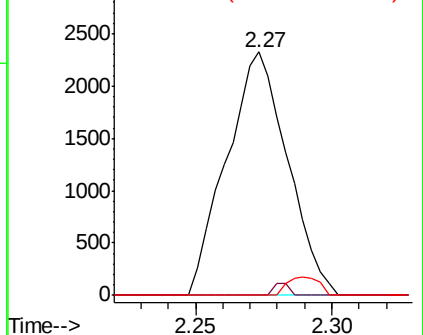
151 3.9 61.4 92.0#



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



#12

1,1-Dichloroethene

Concen: 0.742 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031424.D

Acq: 23 Apr 2019 09:46

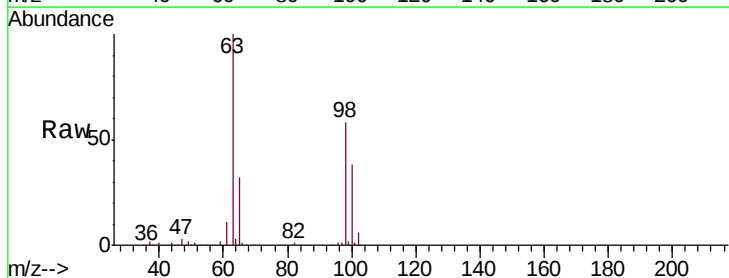
Tgt Ion: 96 Resp: 3085

Ion Ratio Lower Upper

96 100

61 1349.5 118.9 220.9#

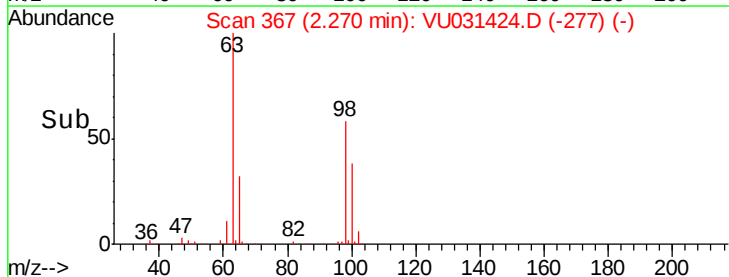
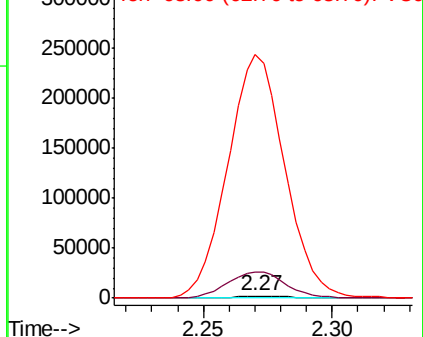
63 12524.0 99.3 184.3#

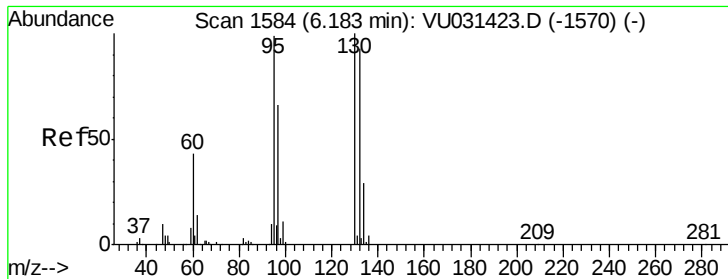


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#34

Trichloroethene

Concen: 0.514 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VU031424.D

Acq: 23 Apr 2019 09:46

Instrument :

MSVOA_U

ClientSampleId :

VBLK41

Tgt Ion: 95 Resp: 2499

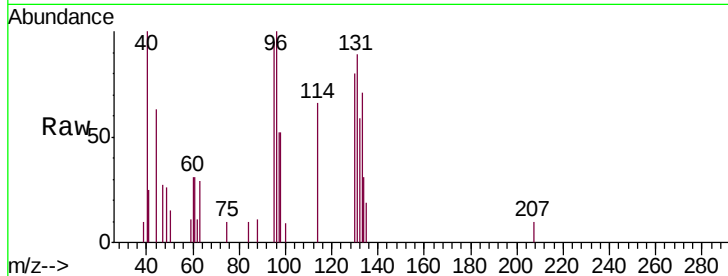
Ion Ratio Lower Upper

95 100

97 55.2 44.9 83.5

132 62.6 68.0 126.2#

130 84.4 70.1 130.1

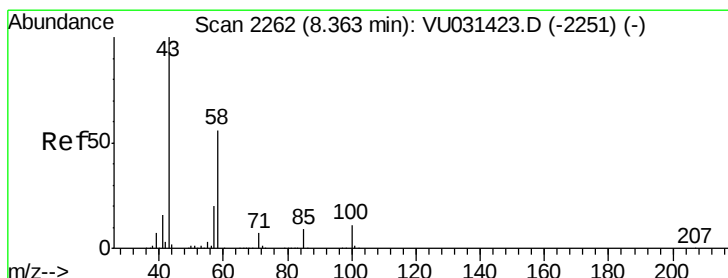
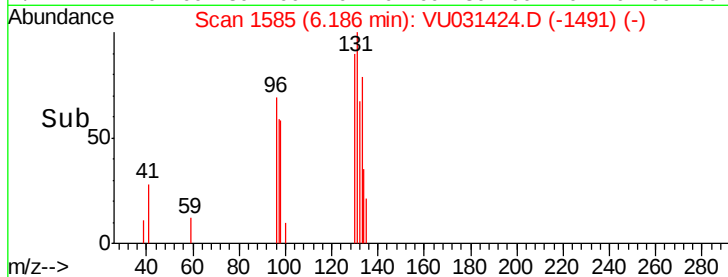
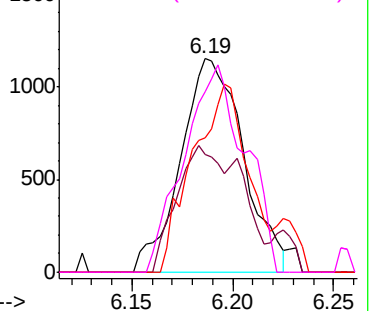


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#48

2-Hexanone

Concen: 5.725 ug/L

RT: 8.31 min Scan# 2246

Delta R.T. -0.05 min

Lab File: VU031424.D

Acq: 23 Apr 2019 09:46

Tgt Ion: 43 Resp: 33198

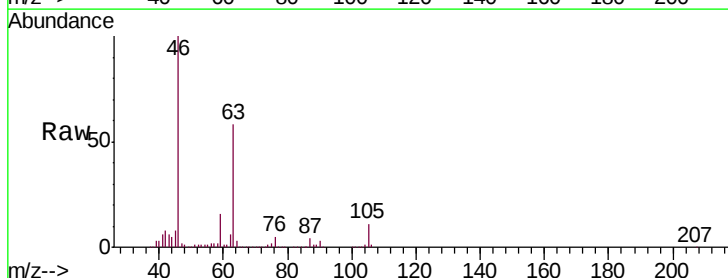
Ion Ratio Lower Upper

43 100

58 31.7 45.5 68.3#

57 28.1 15.2 22.8#

100 0.6 9.1 13.7#

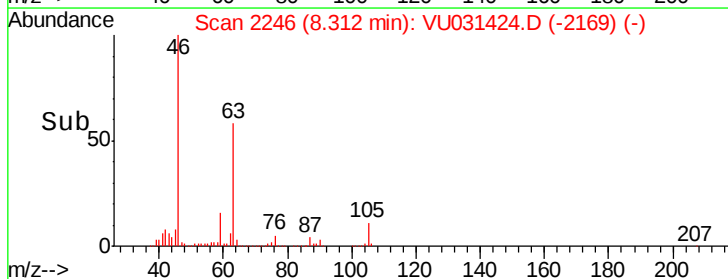
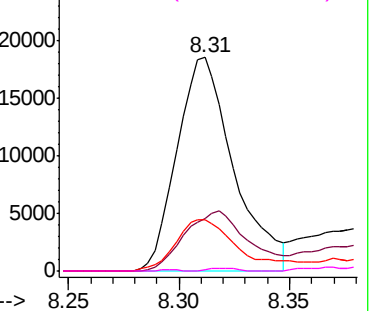


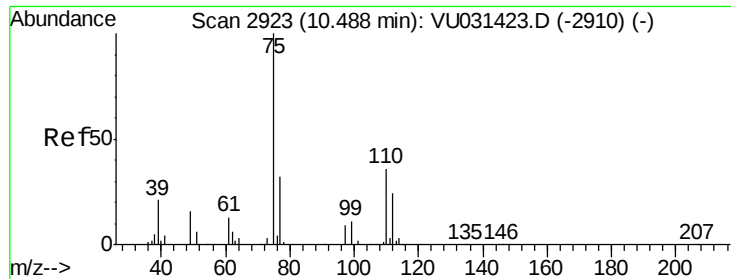
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.112 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031424.D

Acq: 23 Apr 2019 09:46

Instrument :

MSVOA_U

ClientSampleId :

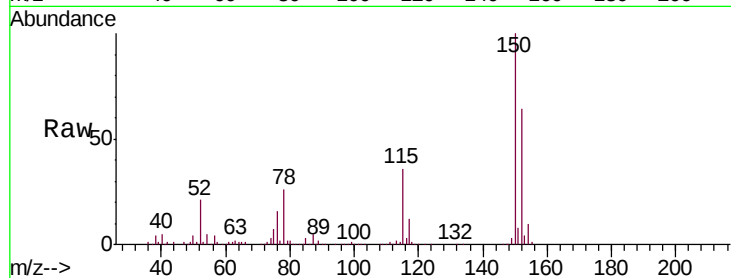
VBLK41

Tgt Ion: 75 Resp: 30858

Ion Ratio Lower Upper

75 100

77 33.5 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU031423.D (-2910) (-)

Ion 77.00 (76.70 to 77.70): VU031423.D (-2910) (-)

11.48

20000

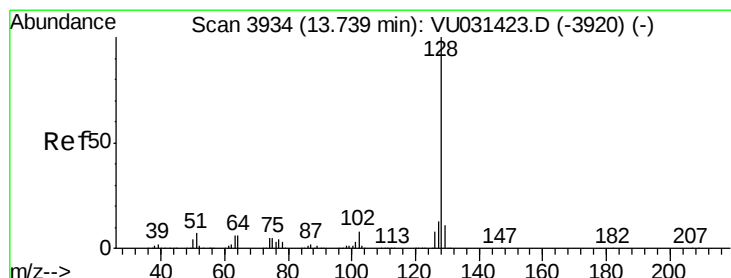
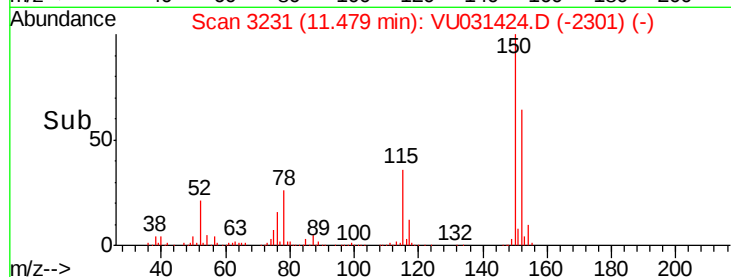
15000

10000

5000

0

Time--> 11.40 11.45 11.50 11.55



#69

Naphthalene

Concen: 0.370 ug/L

RT: 13.79 min Scan# 3949

Delta R.T. 0.05 min

Lab File: VU031424.D

Acq: 23 Apr 2019 09:46

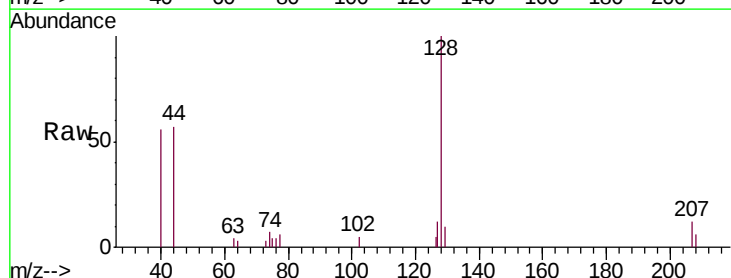
Tgt Ion: 128 Resp: 6009

Ion Ratio Lower Upper

128 100

127 8.9 10.2 15.4#

129 7.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): VU031423.D (-3920) (-)

Ion 127.00 (126.70 to 127.70): VU031423.D (-3920) (-)

Ion 129.00 (128.70 to 129.70): VU031423.D (-3920) (-)

13.79

4000

3000

2000

1000

0

Time--> 13.75 13.80

