

Data File : VU031716.D
Acq On : 02 May 2019 16:51
Operator : JC/SP
Sample : VU0502WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK55

Quant Time: May 03 07:28:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 07:25:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	949457	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	903780	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	398726	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	351863	44.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.56%
7) Chloroethane-d5	1.68	69	282522	46.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.02%
11) 1,1-Dichloroethene-d2	2.27	63	504751	31.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.80%
21) 2-Butanone-d5	4.19	46	719199	99.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.89%
24) Chloroform-d	4.64	84	601588	41.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.68%
26) 1,2-Dichloroethane-d4	5.31	65	396810	41.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.46%
32) Benzene-d6	5.34	84	1226907	44.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.42%
36) 1,2-Dichloropropane-d6	6.33	67	432962	44.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.68%
41) Toluene-d8	7.56	98	1074082	44.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.86%
43) trans-1,3-Dichloropropene-	7.85	79	183506	43.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.56%
47) 2-Hexanone-d5	8.31	63	481491	113.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.93%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	566627	43.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	369573	44.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.14%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4444	0.584	ug/L #	27
12) 1,1-Dichloroethene	2.27	96	4254	0.574	ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	7971	0.705	ug/L #	81
48) 2-Hexanone	8.38	43	15491	1.320	ug/L #	74
59) 1,2,3-Trichloropropane	11.48	75	52210	4.668	ug/L	92
69) Naphthalene	13.75	128	104991	3.935	ug/L	95
70) 1,2,3-Trichlorobenzene	14.00	180	5070	0.569	ug/L #	87

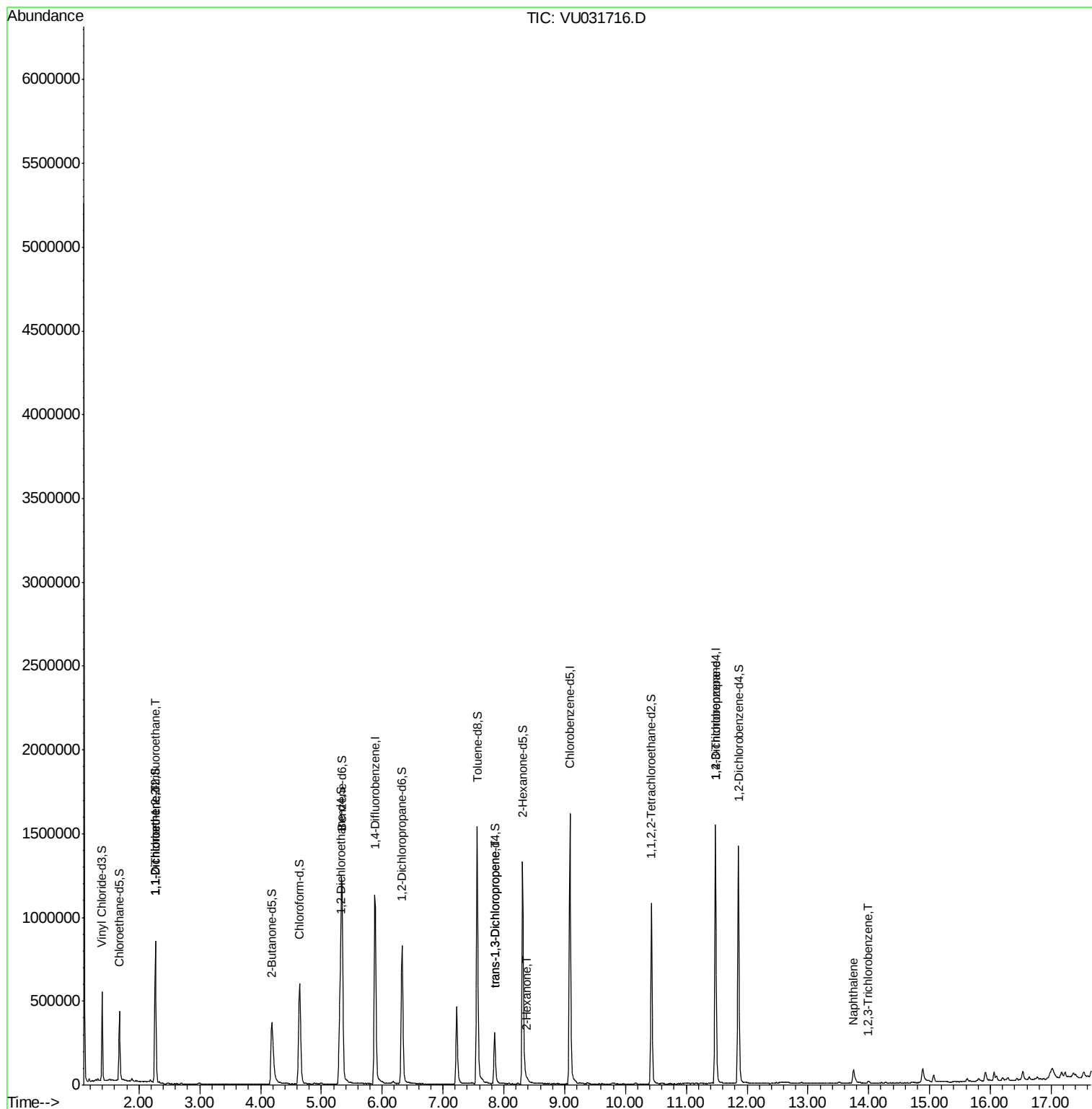
(#) = qualifier out of range (m) = manual integration (+) = signals summed

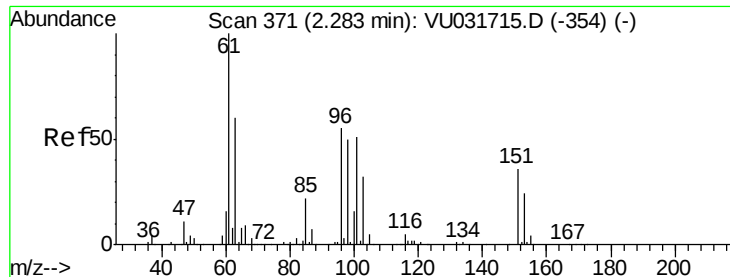
Data File : VU031716.D

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Misc        : 5.0mL/MSVOA_U/WATER
ALS Vial    : 19      Sample Multiplier: 1
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Instrument :
MSVOA_U
ClientSampleId :
VBLK55

Quant Time: May 03 07:28:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 07:25:23 2019
Response via : Initial Calibration





#10

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

Concen: 0.584 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU031716.D

Acq: 02 May 2019 16:51

Instrument :

MSVOA_U

ClientSampleId :

VBLK55

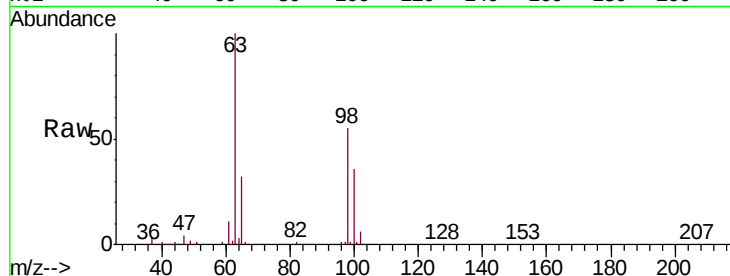
Tgt Ion: 101 Resp: 4444

Ion Ratio Lower Upper

101 100

85 1.7 36.1 54.1#

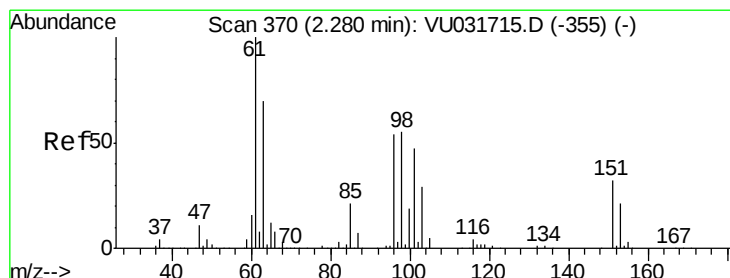
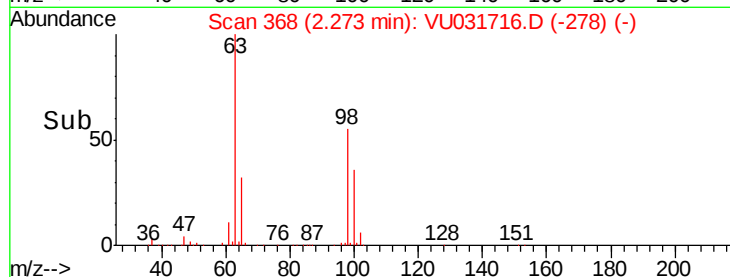
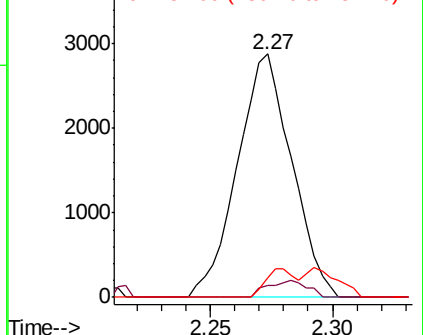
151 6.4 56.1 84.1#



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: 0.574 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031716.D

Acq: 02 May 2019 16:51

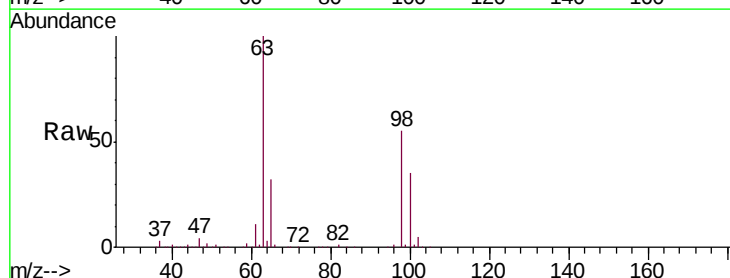
Tgt Ion: 96 Resp: 4254

Ion Ratio Lower Upper

96 100

61 1361.2 135.0 250.6#

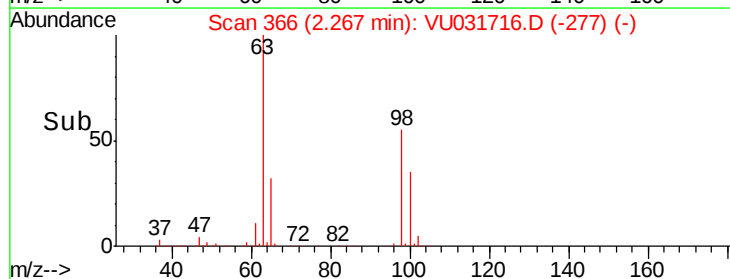
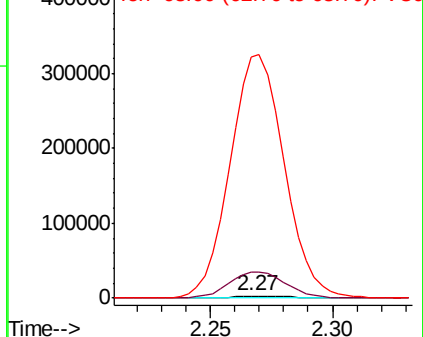
63 12651.5 103.5 192.3#

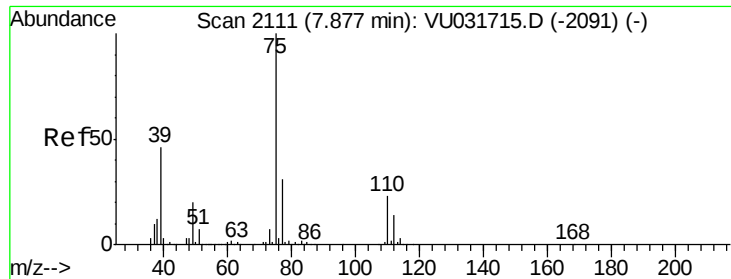


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

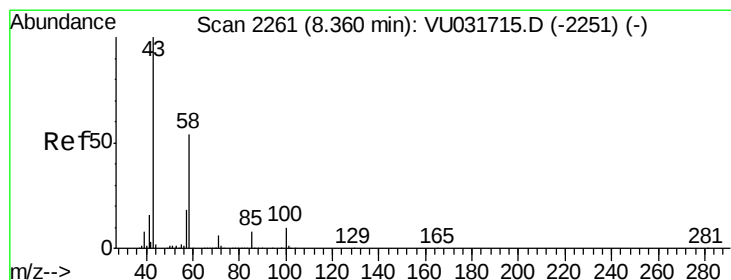
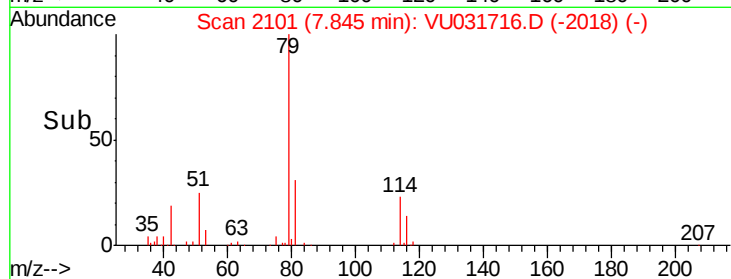
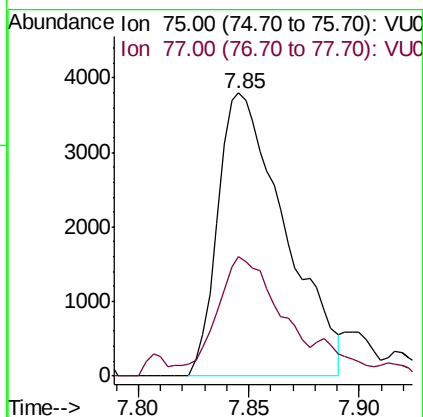
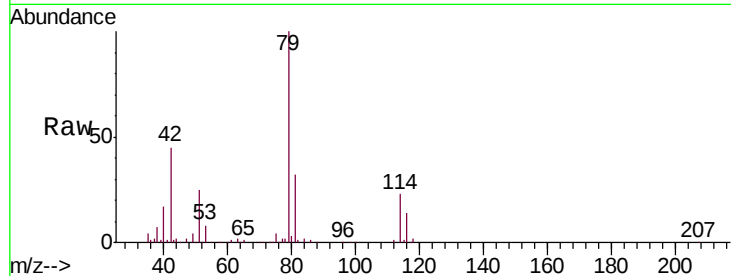




#44
trans-1,3-Dichloropropene
Concen: 0.705 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU031716.D
Acq: 02 May 2019 16:51

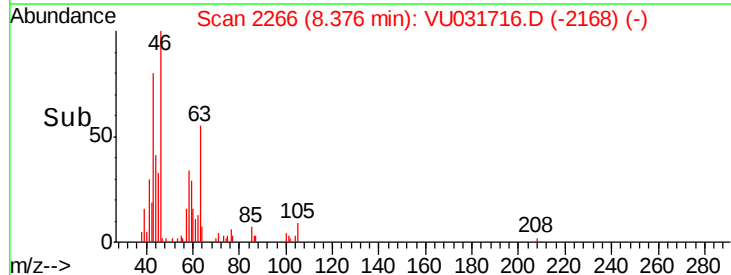
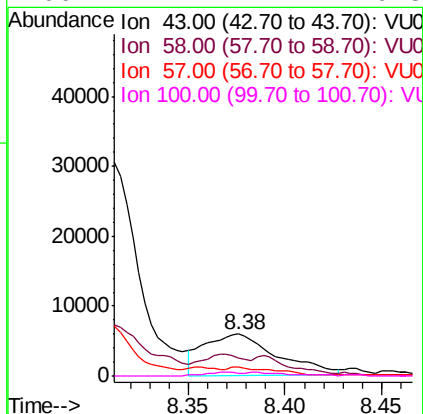
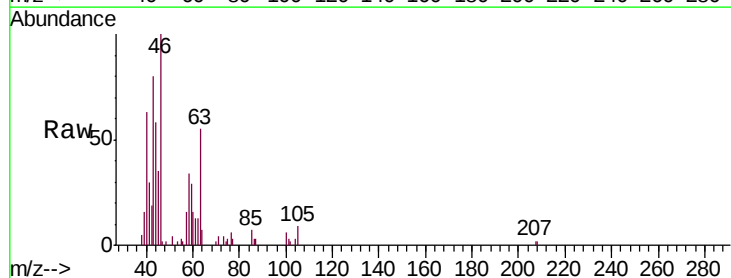
Instrument :
MSVOA_U
ClientSampleId :
VBLK55

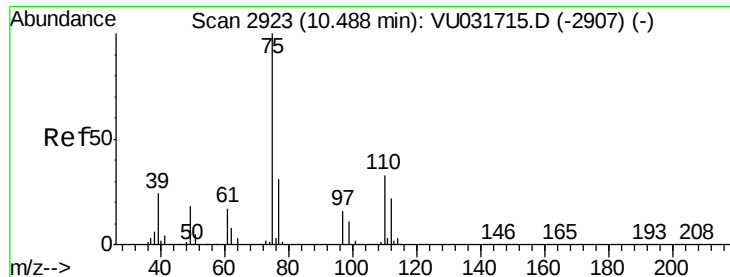
Tgt Ion: 75 Resp: 7971
Ion Ratio Lower Upper
75 100
77 42.1 22.1 41.1#



#48
2-Hexanone
Concen: 1.320 ug/L
RT: 8.38 min Scan# 2266
Delta R.T. 0.02 min
Lab File: VU031716.D
Acq: 02 May 2019 16:51

Tgt Ion: 43 Resp: 15491
Ion Ratio Lower Upper
43 100
58 28.7 42.1 63.1#
57 14.6 14.6 22.0#
100 4.1 7.2 10.8#





#59

1,2,3-Trichloropropane

Concen: 4.668 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031716.D

Acq: 02 May 2019 16:51

Instrument :

MSVOA_U

ClientSampleId :

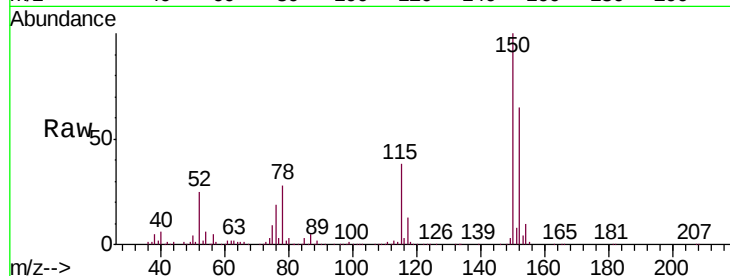
VBLK55

Tgt Ion: 75 Resp: 52210

Ion Ratio Lower Upper

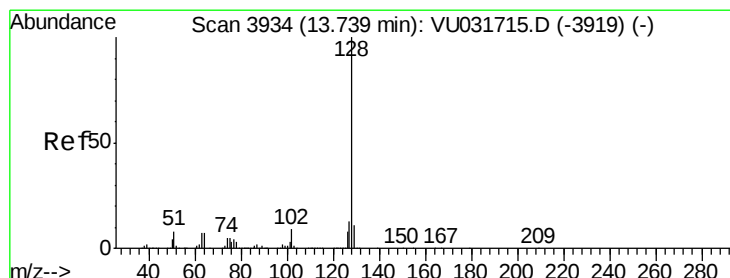
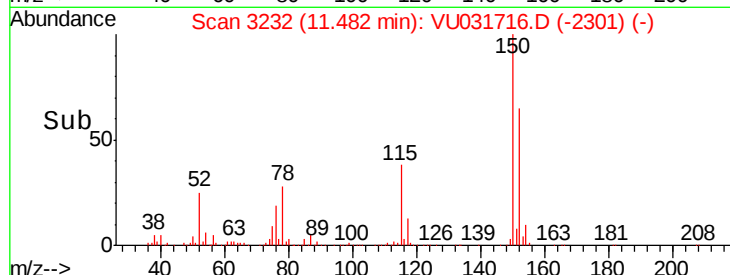
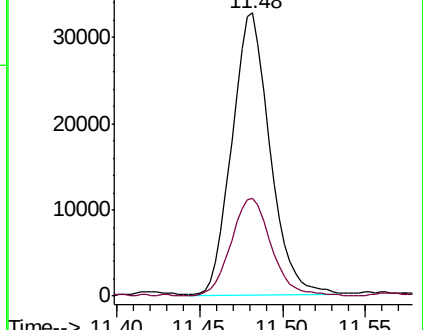
75 100

77 36.9 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VU031716.D (-2907) (-)

Ion 77.00 (76.70 to 77.70): VU031716.D (-2907) (-)



#69

Naphthalene

Concen: 3.935 ug/L

RT: 13.75 min Scan# 3937

Delta R.T. 0.01 min

Lab File: VU031716.D

Acq: 02 May 2019 16:51

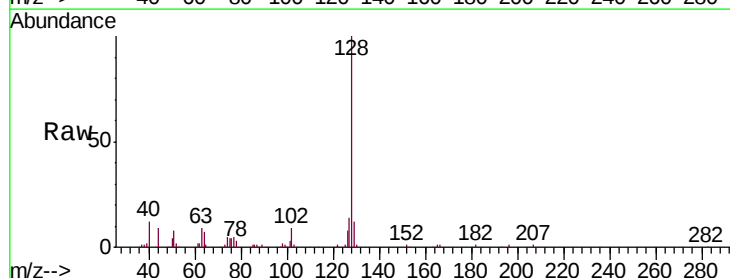
Tgt Ion: 128 Resp: 104991

Ion Ratio Lower Upper

128 100

127 11.4 10.6 15.8

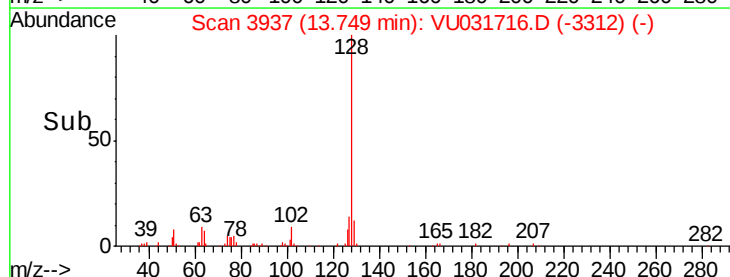
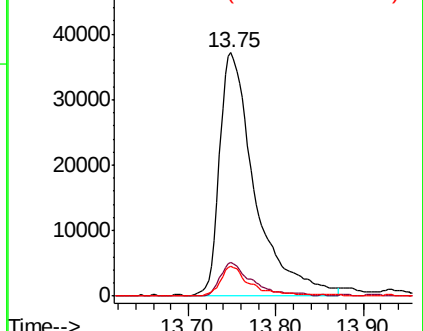
129 9.0 8.7 13.1

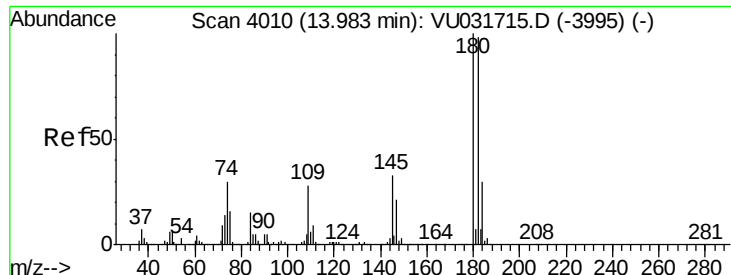


Abundance Ion 128.00 (127.70 to 128.70): VU031716.D (-3919) (-)

Ion 127.00 (126.70 to 127.70): VU031716.D (-3919) (-)

Ion 129.00 (128.70 to 129.70): VU031716.D (-3919) (-)





#70
 1,2,3-Trichlorobenzene
 Concen: 0.569 ug/L
 RT: 14.00 min Scan# 4014
 Delta R.T. 0.01 min
 Lab File: VU031716.D
 Acq: 02 May 2019 16:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK55

Tgt Ion:180 Resp: 5070
 Ion Ratio Lower Upper
 180 100
 182 85.5 76.1 114.1
 145 20.4 26.0 39.0#

