

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU113018\
 Data File : VU028415.D
 Acq On : 30 Nov 2018 11:59
 Operator : MD/SY
 Sample : VU1130MBL01
 Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK47

Quant Time: Dec 01 00:46:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM113018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 30 23:11:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	450491	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	419794	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	184037	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	193502	48.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.02%
7) Chloroethane-d5	1.68	69	156808	50.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.36%
11) 1,1-Dichloroethene-d2	2.27	63	273925	38.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.44%
21) 2-Butanone-d5	4.17	46	344092	104.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.02%
24) Chloroform-d	4.65	84	314747	48.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.82%
26) 1,2-Dichloroethane-d4	5.31	65	221053	49.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.84%
32) Benzene-d6	5.34	84	672259	51.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.88%
36) 1,2-Dichloropropane-d6	6.33	67	242292	51.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.78%
41) Toluene-d8	7.57	98	591069	49.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.82%
43) trans-1,3-Dichloropropene-	7.85	79	105621	49.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.22%
47) 2-Hexanone-d5	8.31	63	239905	105.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.34%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	309569	51.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	197428	53.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.68%

Target Compounds

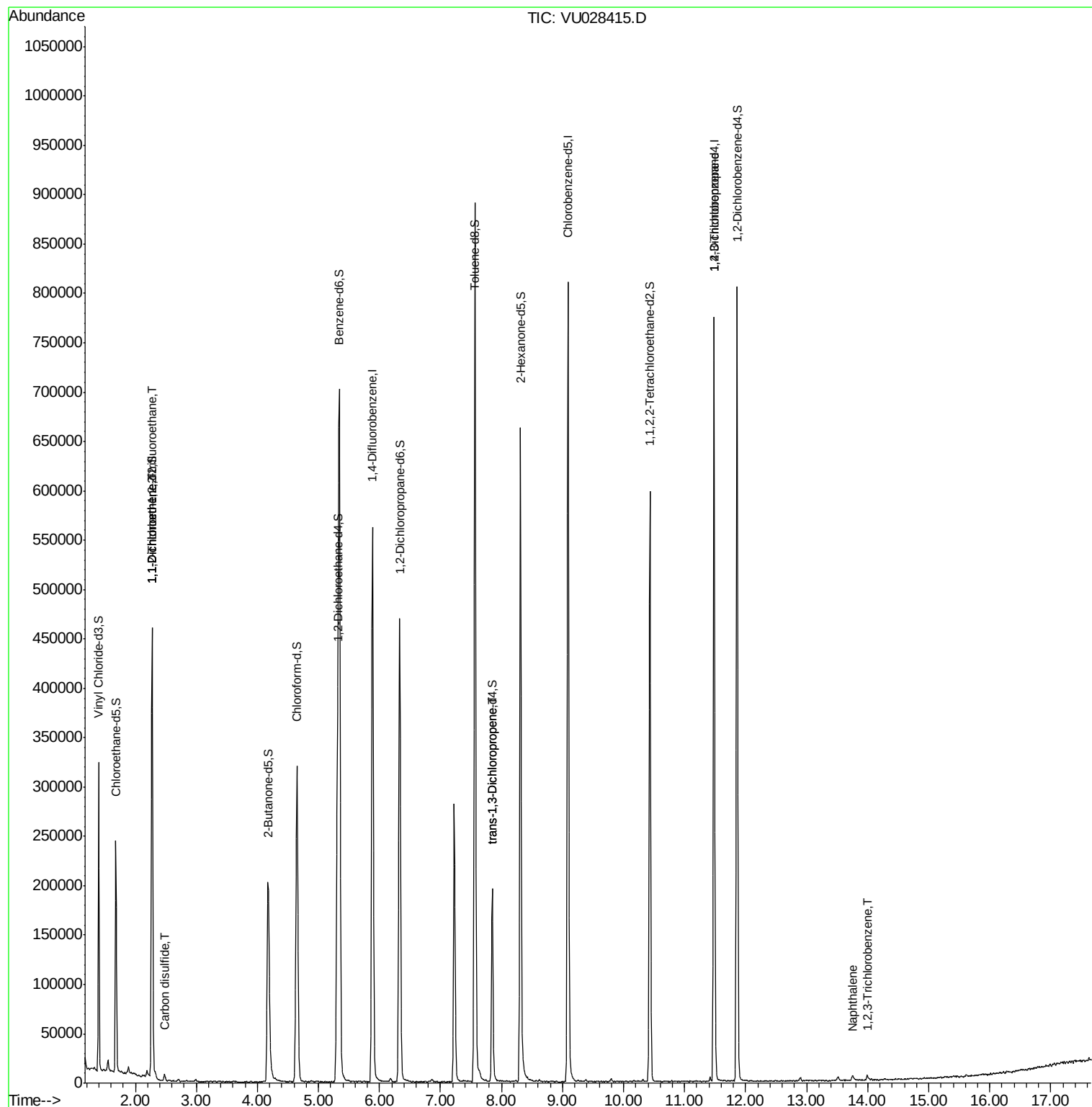
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	2345	0.797 ug/L #	26
12) 1,1-Dichloroethene	2.27	96	1966	0.692 ug/L #	1
14) Carbon disulfide	2.48	76	7342	0.682 ug/L	100
44) trans-1,3-Dichloropropene	7.85	75	4567	0.821 ug/L	86
59) 1,2,3-Trichloropropane	11.48	75	27736	5.715 ug/L	94
69) Naphthalene	13.75	128	6834	0.477 ug/L #	82
70) 1,2,3-Trichlorobenzene	13.99	180	2259	0.546 ug/L #	77

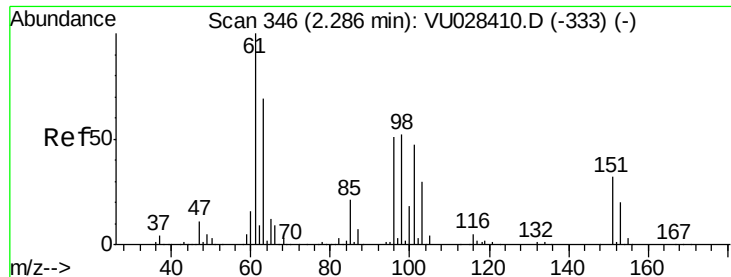
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 30 23:11:27 2018
Response via : Initial Calibration





#10

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

Concen: 0.797 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU028415.D

Acq: 30 Nov 2018 11:59

Instrument :

MSVOA_U

ClientSampleId :

VBLK47

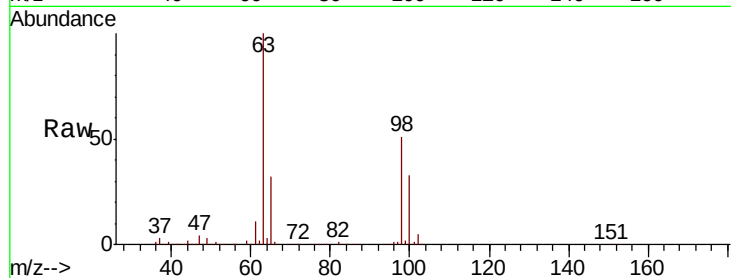
Tgt Ion: 101 Resp: 2345

Ion Ratio Lower Upper

101 100

85 0.0 36.5 54.7#

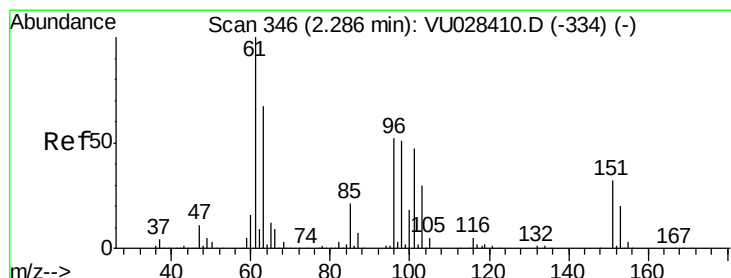
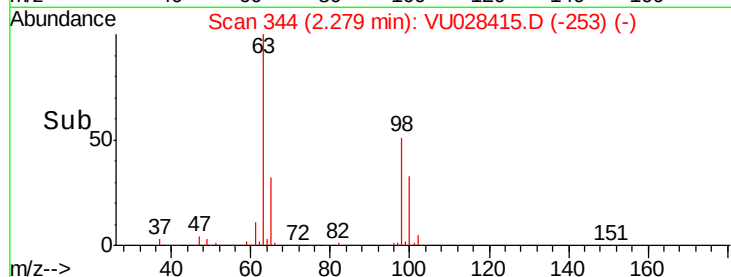
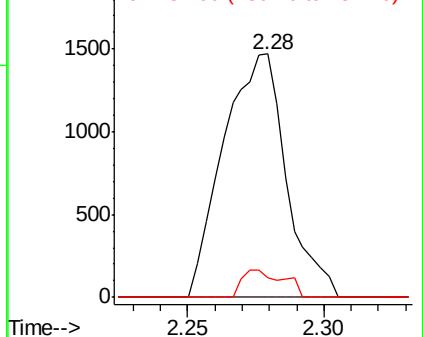
151 5.5 55.0 82.6#



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: 0.692 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU028415.D

Acq: 30 Nov 2018 11:59

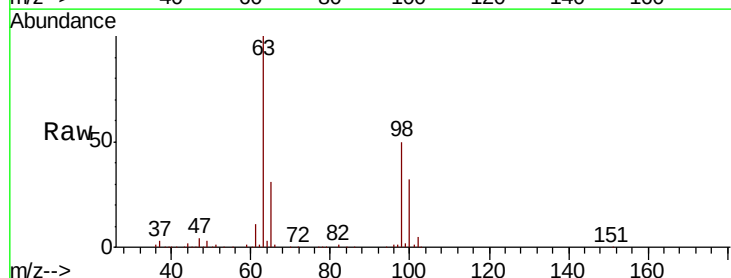
Tgt Ion: 96 Resp: 1966

Ion Ratio Lower Upper

96 100

61 1254.9 136.2 252.9#

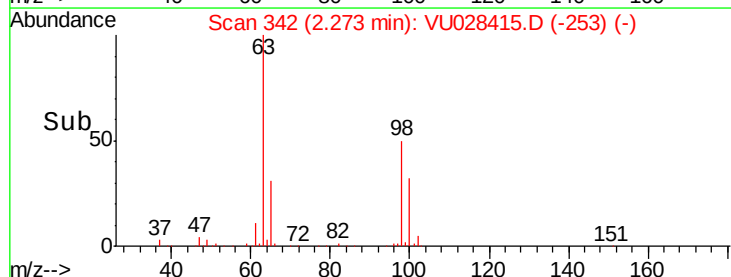
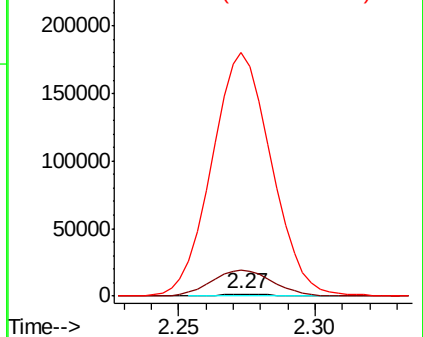
63 11624.0 95.5 177.4#

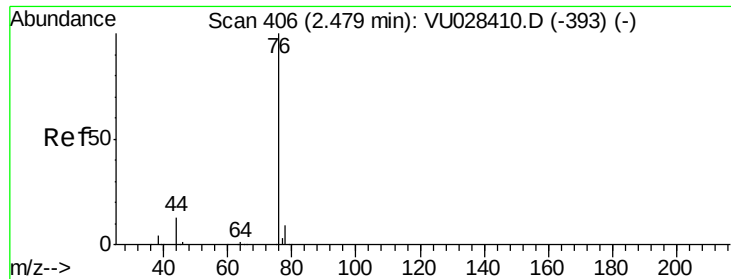


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#14

Carbon disulfide

Concen: 0.682 ug/L

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU028415.D

Acq: 30 Nov 2018 11:59

Instrument :

MSVOA_U

ClientSampled :

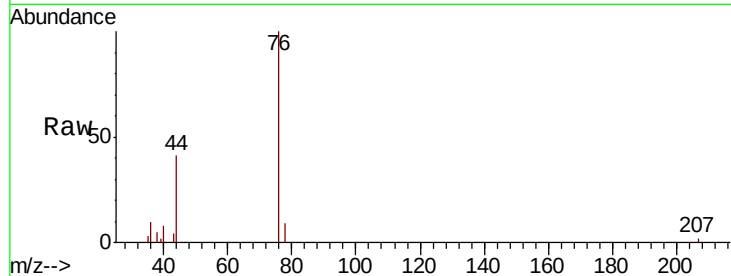
VBLK47

Tgt Ion: 76 Resp: 7342

Ion Ratio Lower Upper

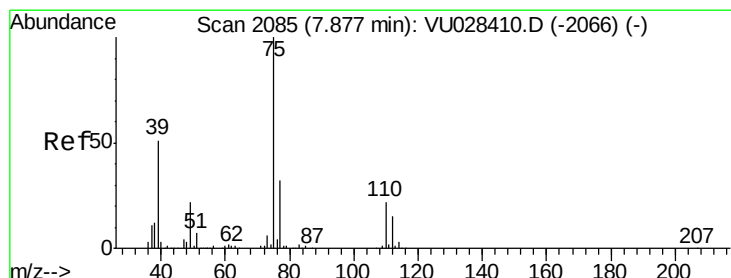
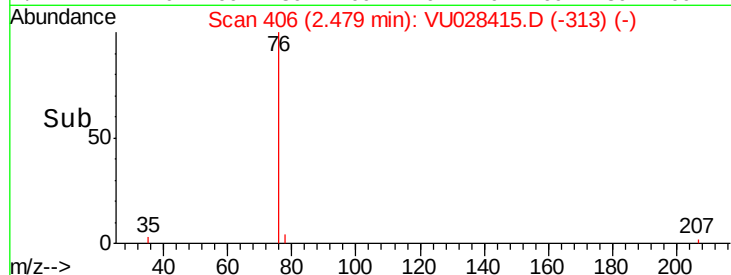
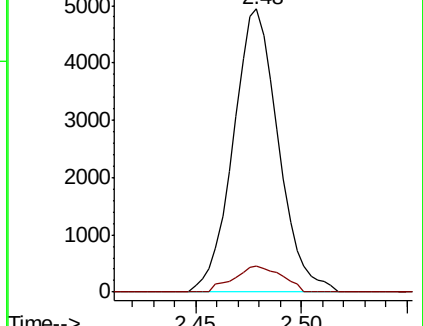
76 100

78 9.1 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.821 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU028415.D

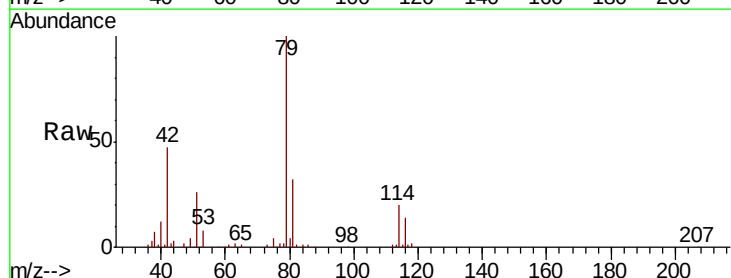
Acq: 30 Nov 2018 11:59

Tgt Ion: 75 Resp: 4567

Ion Ratio Lower Upper

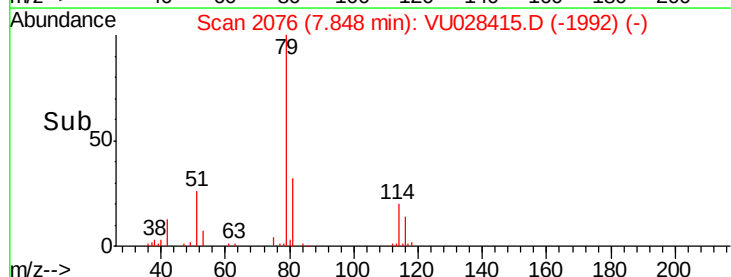
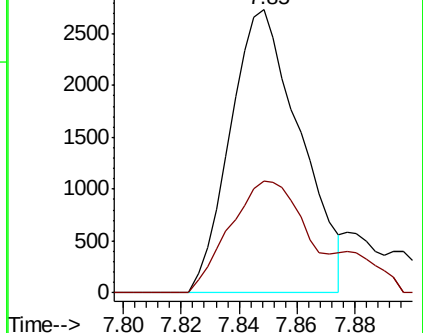
75 100

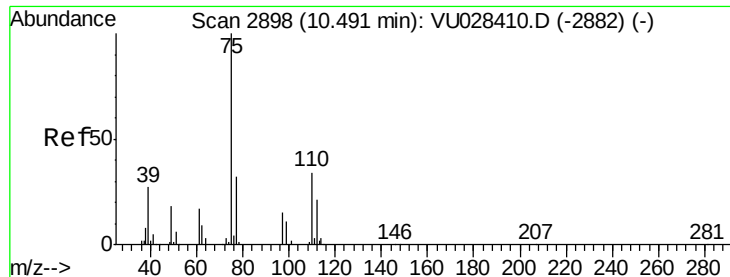
77 39.6 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.715 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028415.D

Acq: 30 Nov 2018 11:59

Instrument :

MSVOA_U

ClientSampleId :

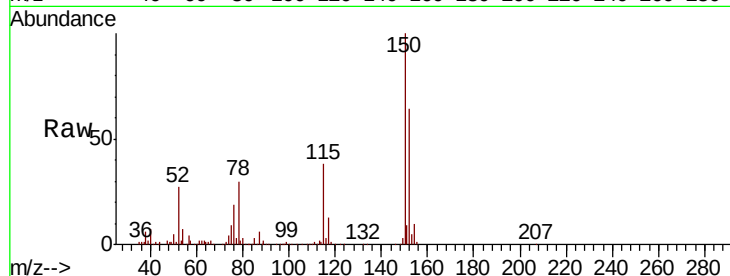
VBLK47

Tgt Ion: 75 Resp: 27736

Ion Ratio Lower Upper

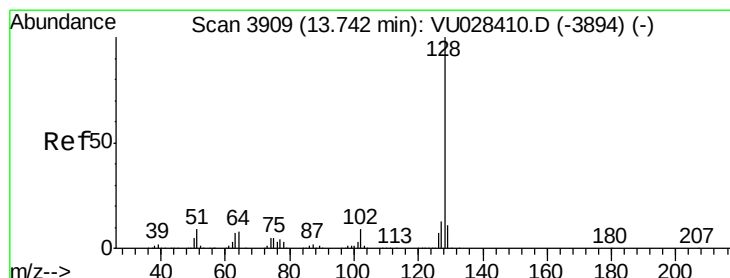
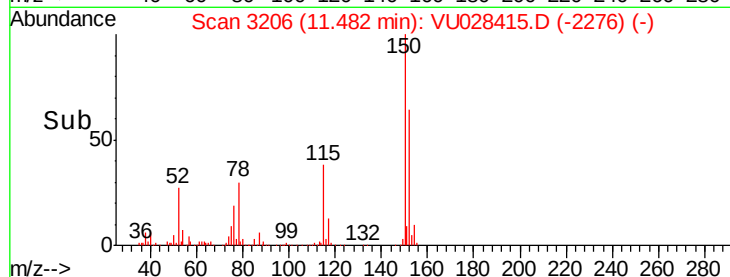
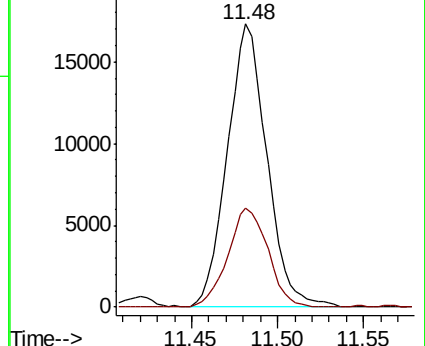
75 100

77 35.2 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU028415.D (-2276) (-)

Ion 77.00 (76.70 to 77.70): VU028415.D (-2276) (-)



#69

Naphthalene

Concen: 0.477 ug/L

RT: 13.75 min Scan# 3911

Delta R.T. 0.01 min

Lab File: VU028415.D

Acq: 30 Nov 2018 11:59

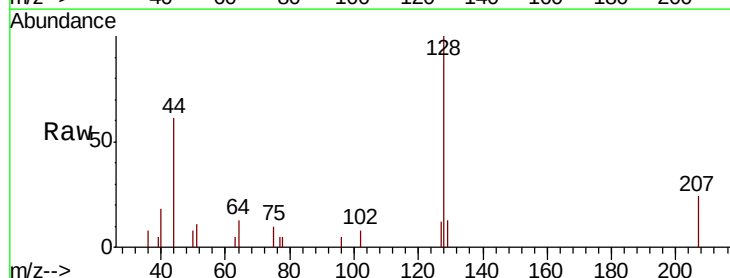
Tgt Ion: 128 Resp: 6834

Ion Ratio Lower Upper

128 100

127 4.9 10.4 15.6#

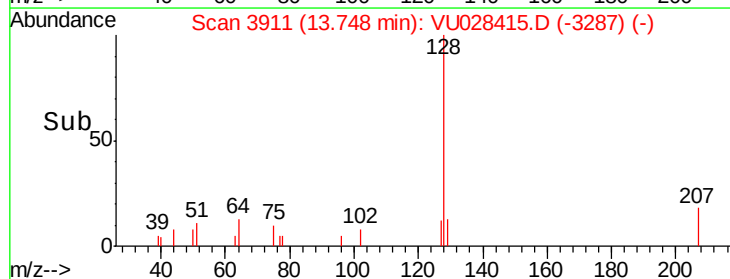
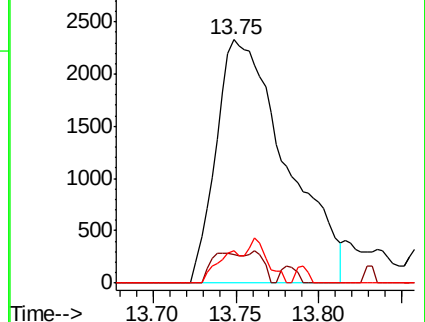
129 5.1 8.6 12.8#

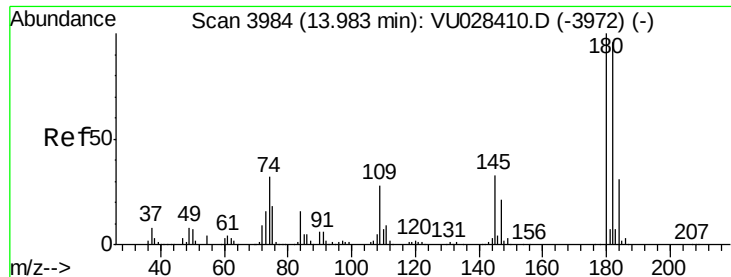


Abundance Ion 128.00 (127.70 to 128.70): VU028415.D (-3287) (-)

Ion 127.00 (126.70 to 127.70): VU028415.D (-3287) (-)

Ion 129.00 (128.70 to 129.70): VU028415.D (-3287) (-)

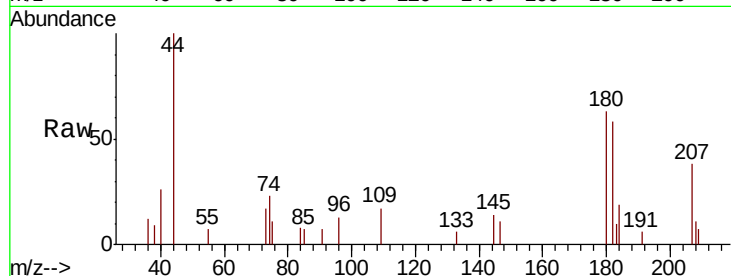




#70
 1,2,3-Trichlorobenzene
 Concen: 0.546 ug/L
 RT: 13.99 min Scan# 3986
 Delta R.T. 0.01 min
 Lab File: VU028415.D
 Acq: 30 Nov 2018 11:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK47

Tgt Ion:180 Resp: 2259
 Ion Ratio Lower Upper
 180 100
 182 77.0 76.6 115.0
 145 14.3 26.2 39.2#



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

