

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU113018\
 Data File : VU028424.D
 Acq On : 30 Nov 2018 15:33
 Operator : MD/SY
 Sample : J6077-21
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Y50

Quant Time: Dec 01 00:48:02 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	538393	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	510436	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	231381	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	223974	46.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.00%
7) Chloroethane-d5	1.68	69	187968	50.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.66%
11) 1,1-Dichloroethene-d2	2.27	63	318729	37.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.42%
21) 2-Butanone-d5	4.17	46	407884	103.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.18%
24) Chloroform-d	4.65	84	371851	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.70%
26) 1,2-Dichloroethane-d4	5.31	65	255893	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
32) Benzene-d6	5.34	84	805844	50.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.42%
36) 1,2-Dichloropropane-d6	6.33	67	289470	50.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.98%
41) Toluene-d8	7.57	98	702167	48.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.52%
43) trans-1,3-Dichloropropene-	7.85	79	126972	49.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.08%
47) 2-Hexanone-d5	8.31	63	287048	103.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.65%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	358532	48.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	245195	52.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.38%

Target Compounds

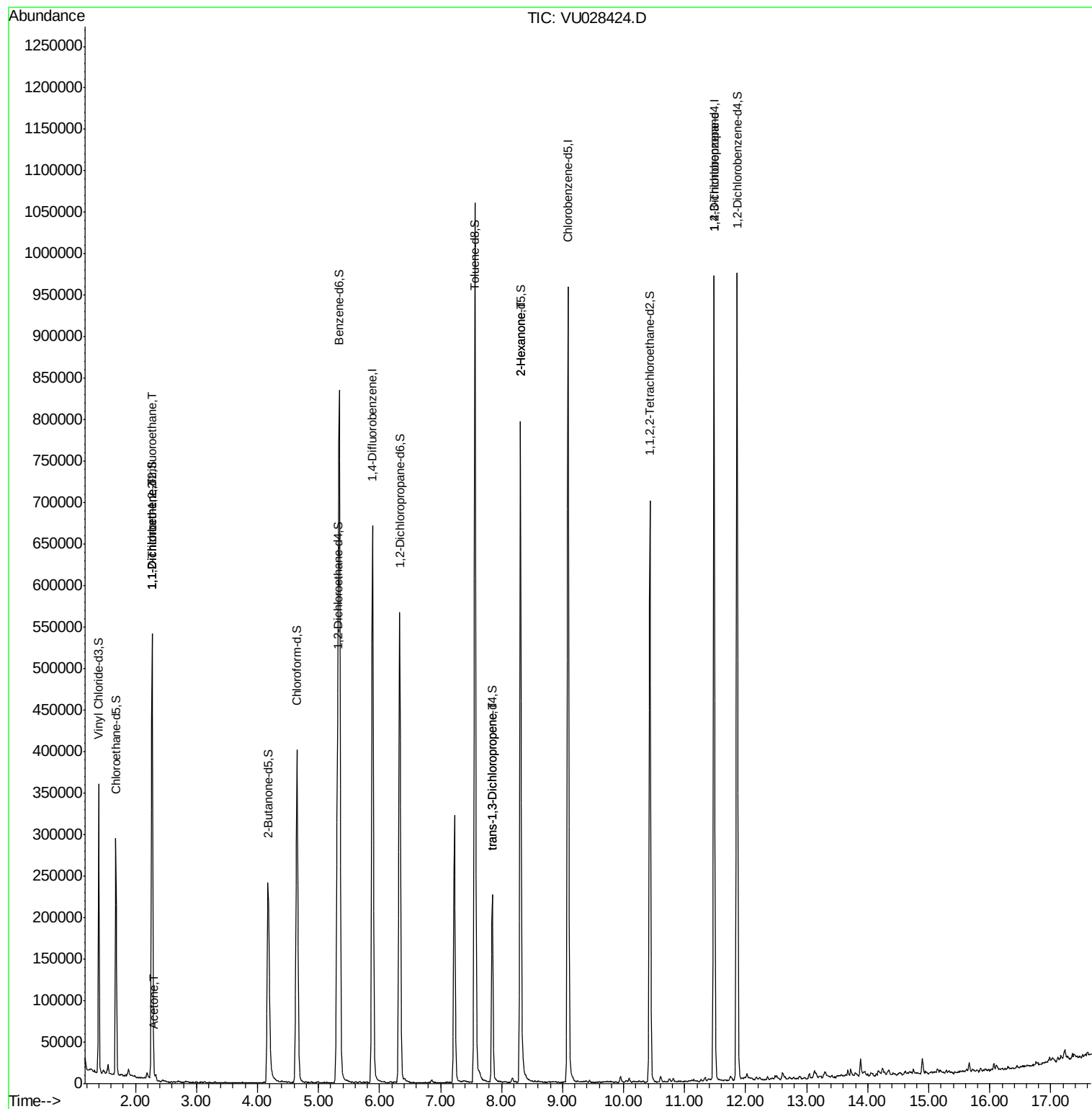
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	2843	0.808 ug/L #	25
12) 1,1-Dichloroethene	2.28	96	2414	0.711 ug/L #	1
13) Acetone	2.32	43	3075	0.748 ug/L	96
44) trans-1,3-Dichloropropene	7.85	75	4564	0.675 ug/L #	74
48) 2-Hexanone	8.31	43	34117	4.939 ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	32044	5.430 ug/L	97

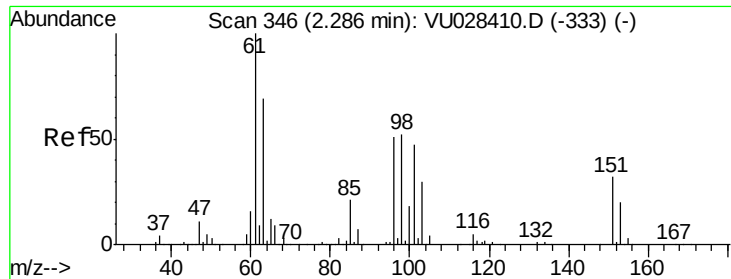
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.808 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU028424.D

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Instrument :

MSVOA_U

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F9Y50

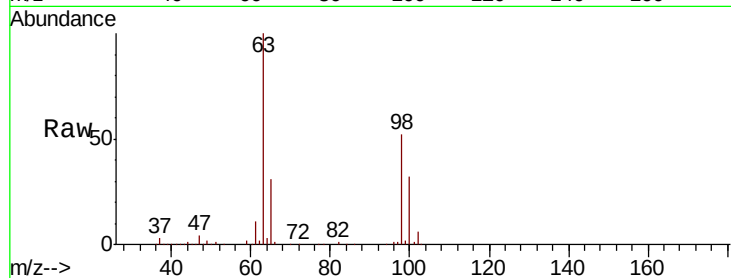
Tgt Ion: 101 Resp: 2843

Ion Ratio Lower Upper

101 100

85 0.0 36.5 54.7#

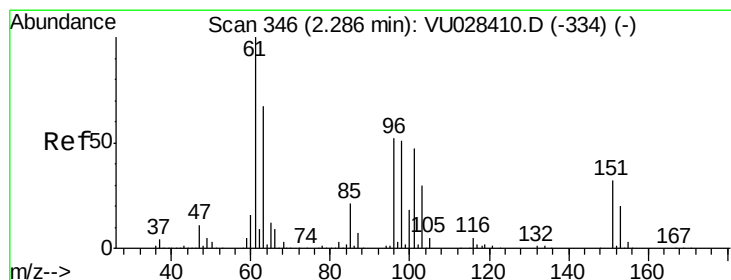
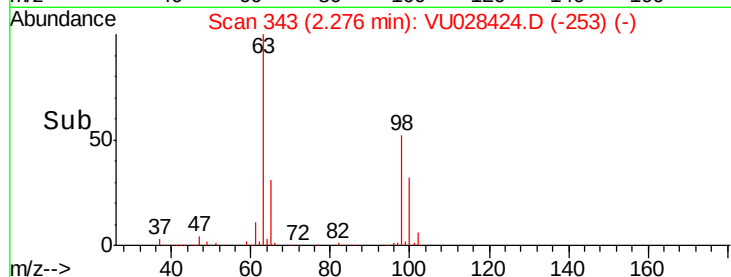
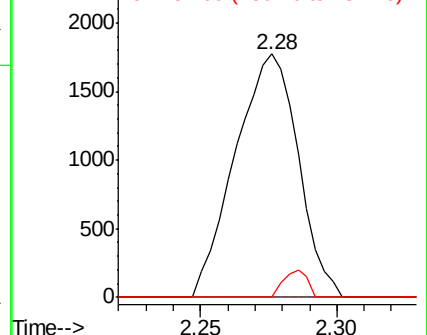
151 4.3 55.0 82.6#



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: 0.711 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU028424.D

Acq: 30 Nov 2018 15:33

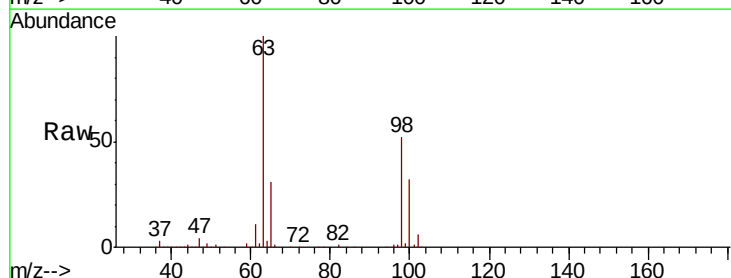
Tgt Ion: 96 Resp: 2414

Ion Ratio Lower Upper

96 100

61 1407.8 136.2 252.9#

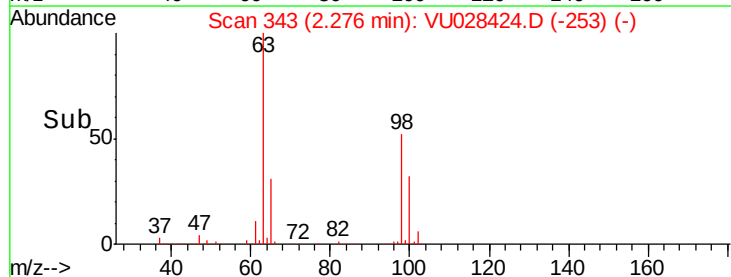
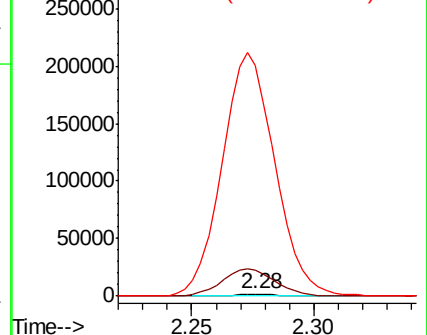
63 12767.4 95.5 177.4#

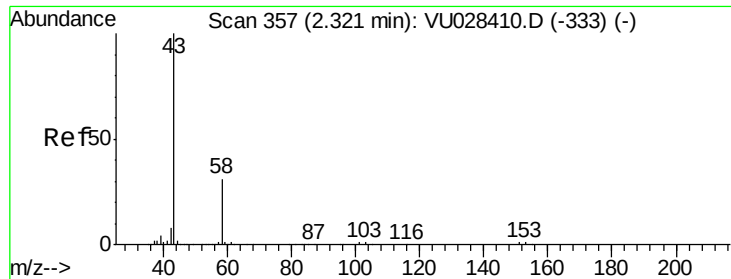


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.748 ug/L

RT: 2.32 min Scan# 356

Delta R.T. -0.00 min

Lab File: VU028424.D

Acq: 30 Nov 2018 15:33

Instrument :

MSVOA_U

ClientSampleId :

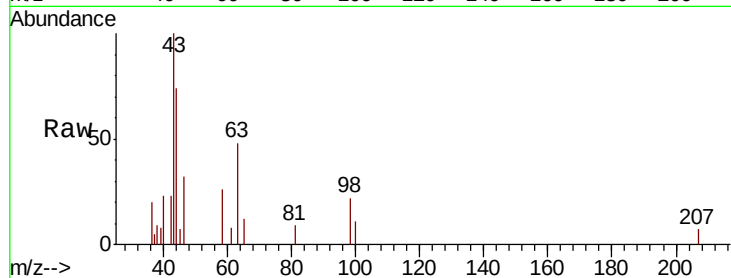
F9Y50

Tgt Ion: 43 Resp: 3075

Ion Ratio Lower Upper

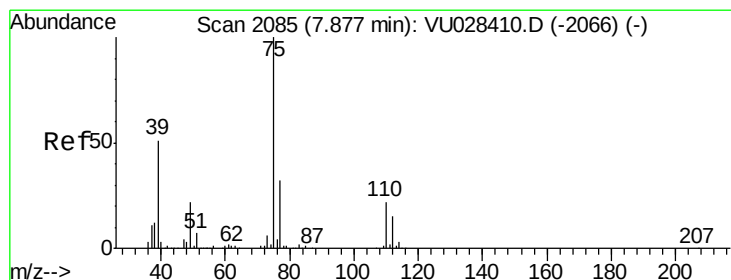
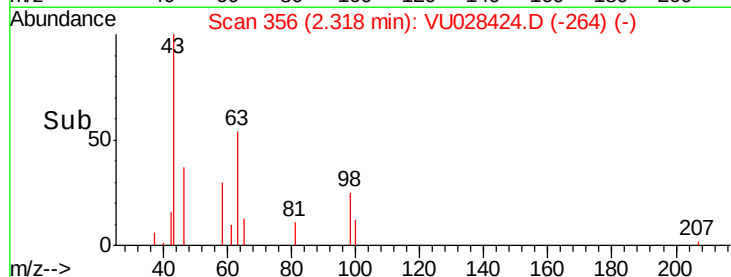
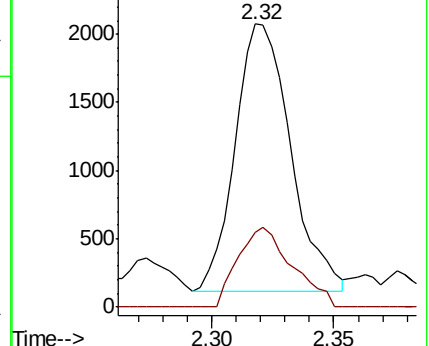
43 100

58 29.3 0.0 63.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.675 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU028424.D

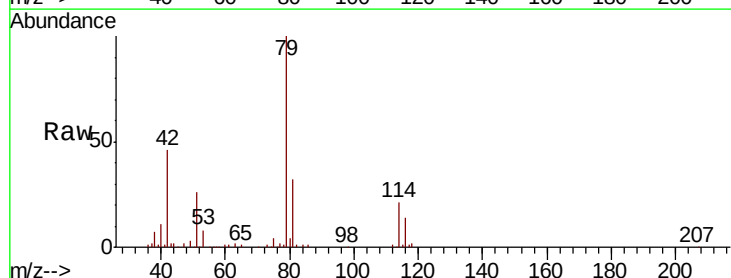
Acq: 30 Nov 2018 15:33

Tgt Ion: 75 Resp: 4564

Ion Ratio Lower Upper

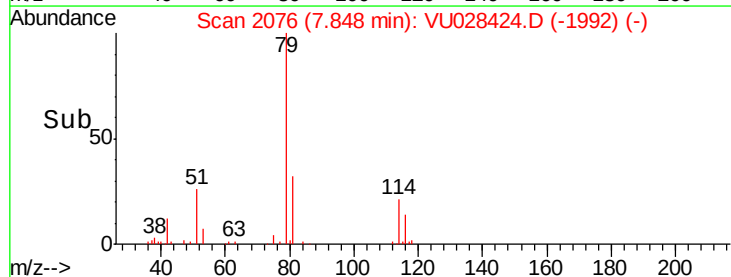
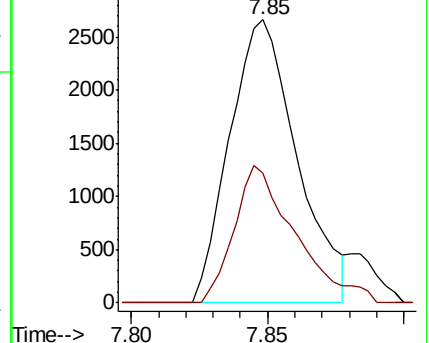
75 100

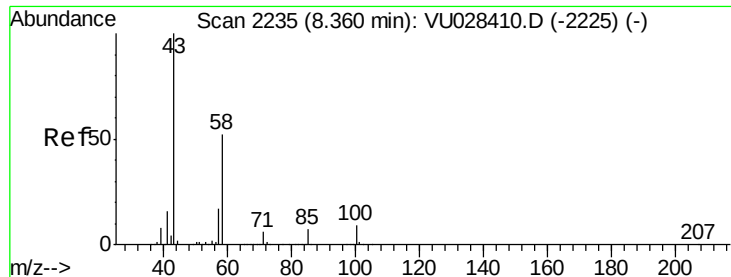
77 46.1 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

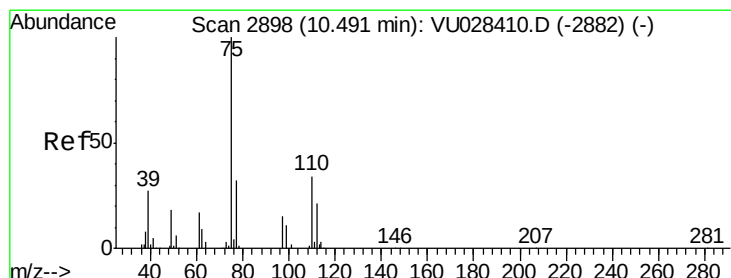
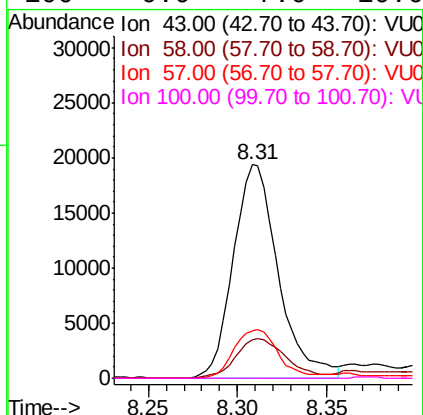
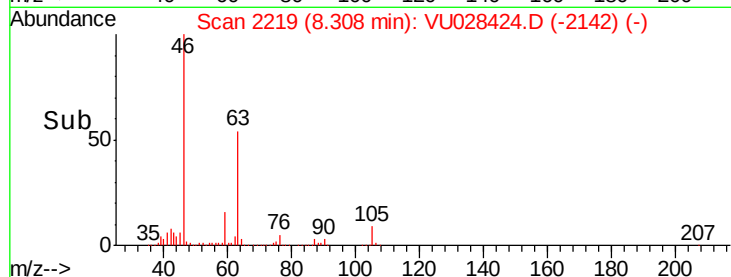
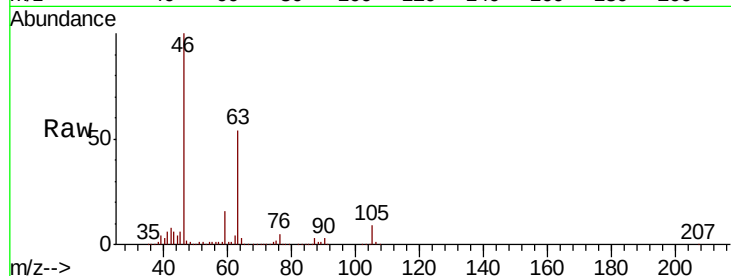




#48
2-Hexanone
Concen: 4.939 ug/L
RT: 8.31 min Scan# 2219
Delta R.T. -0.05 min
Lab File: VU028424.D
Acq: 30 Nov 2018 15:33

Instrument :
MSVOA_U
ClientSampleId :
F9Y50

Tgt Ion: 43 Resp: 34117
Ion Ratio Lower Upper
43 100
58 21.0 41.4 62.0#
57 22.2 14.0 21.0#
100 0.0 7.0 10.6#



#59
1,2,3-Trichloropropane
Concen: 5.430 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028424.D
Acq: 30 Nov 2018 15:33

Tgt Ion: 75 Resp: 32044
Ion Ratio Lower Upper
75 100
77 33.9 25.6 38.4

