

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082818\
 Data File : VU026415.D
 Acq On : 28 Aug 2018 22:33
 Operator : MD/SY
 Sample : J4633-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 01:41:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 29 00:08:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	60629	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	59990	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	26351	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	20290	2.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	50.20%
7) Chloroethane-d5	1.68	69	18651	3.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	61.40%#
11) 1,1-Dichloroethene-d2	2.27	63	32535	2.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.60%#
20) 2-Butanone-d5	4.20	46	60367	40.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.84%
24) Chloroform-d	4.65	84	35543	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.80%
26) 1,2-Dichloroethane-d4	5.31	65	21307	3.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.20%
32) Benzene-d6	5.34	84	70244	3.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.40%#
36) 1,2-Dichloropropane-d6	6.34	67	25173	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.00%
41) Toluene-d8	7.57	98	59296	3.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.60%#
43) trans-1,3-Dichloropropene-	7.85	79	7466	3.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.20%
46) 2-Hexanone-d5	8.32	63	44331	40.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.58%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	19917	3.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	24089	3.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.40%#

Target Compounds

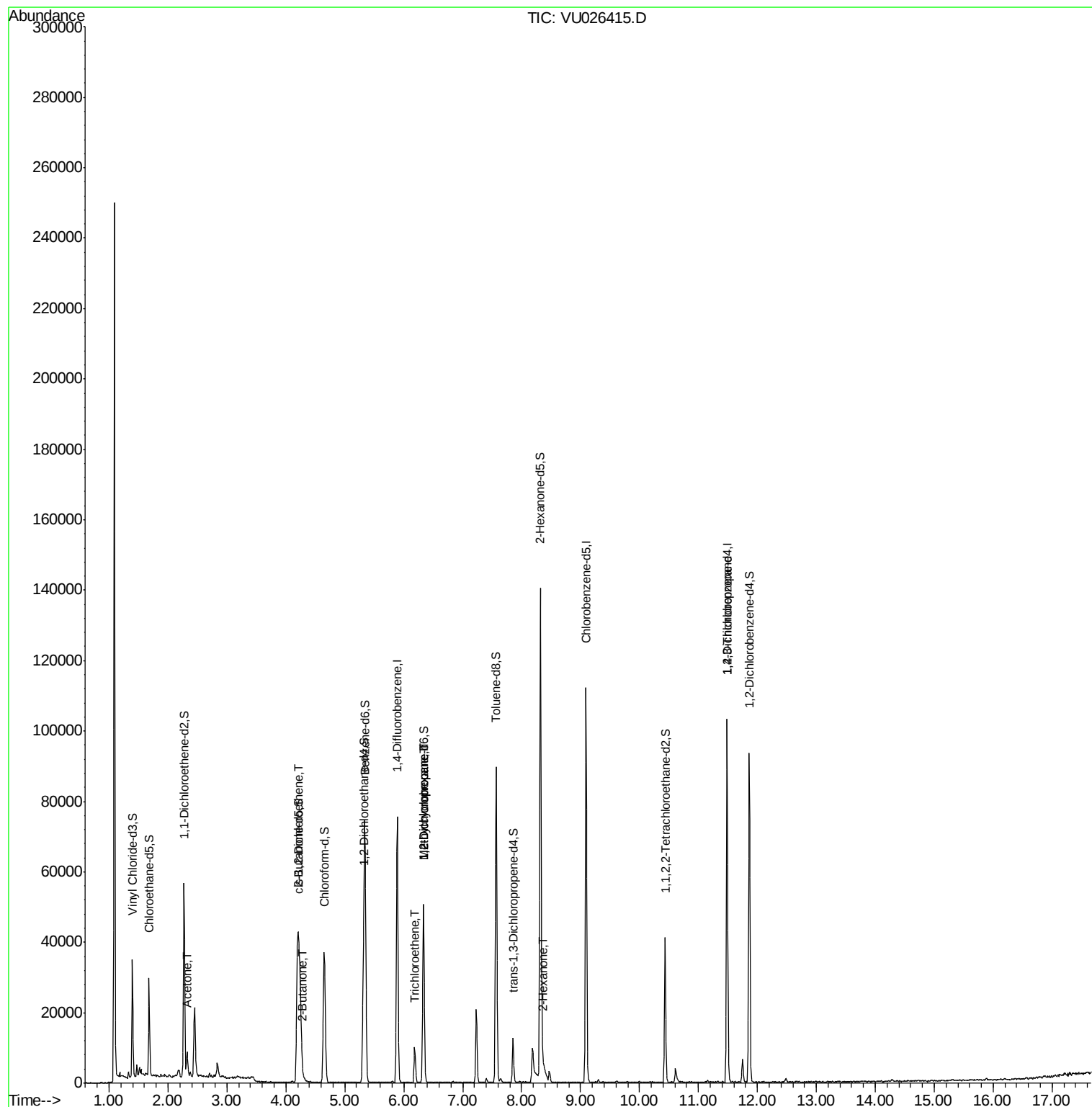
					Ovalue
13) Acetone	2.32	43	7146	6.480	ug/L 98
21) 2-Butanone	4.29	43	558	0.394	ug/L # 53
22) cis-1,2-Dichloroethene	4.23	96	10412	1.895	ug/L 92
34) Trichloroethene	6.18	95	3563	0.663	ug/L 94
35) Methylcyclohexane	6.33	83	5531	0.723	ug/L # 16
37) 1,2-Dichloropropane	6.33	63	2622	0.475	ug/L # 89
48) 2-Hexanone	8.37	43	1373	0.596	ug/L # 53
59) 1,2,3-Trichloropropane	11.48	75	3315	1.039	ug/L 92

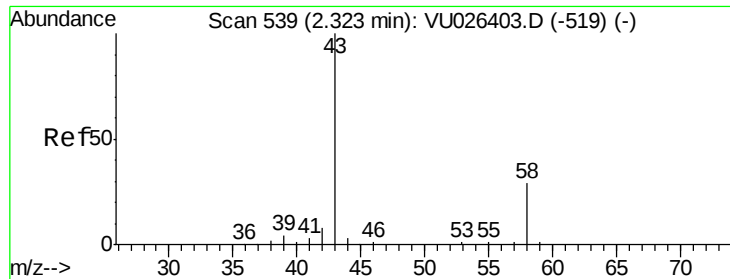
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 29 00:08:04 2018
Response via : Initial Calibration





#13

Acetone

Concen: 6.480 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026415.D

Acq: 28 Aug 2018 22:33

Instrument :

MSVOA_U

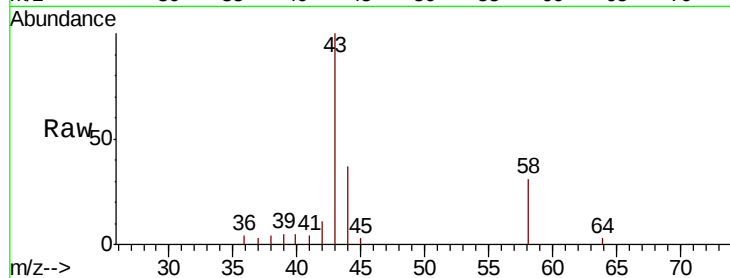
ClientSampleId :

Tot Ion: 43 Resp: 7146

Ion Ratio Lower Upper

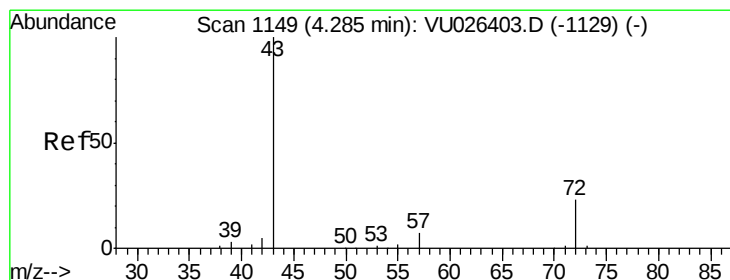
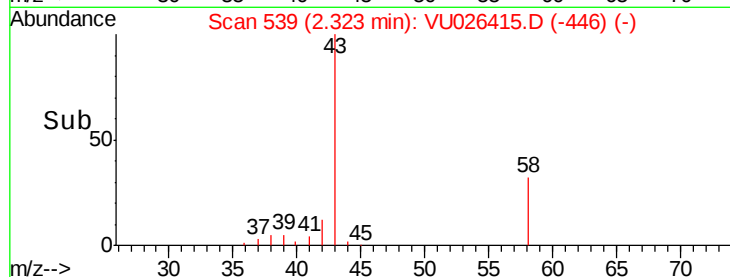
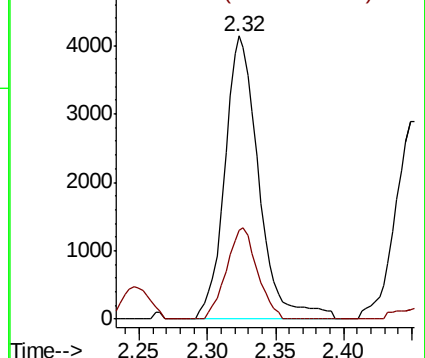
43 100

58 29.3 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#21

2-Butanone

Concen: 0.394 ug/L

RT: 4.29 min Scan# 1151

Delta R.T. 0.01 min

Lab File: VU026415.D

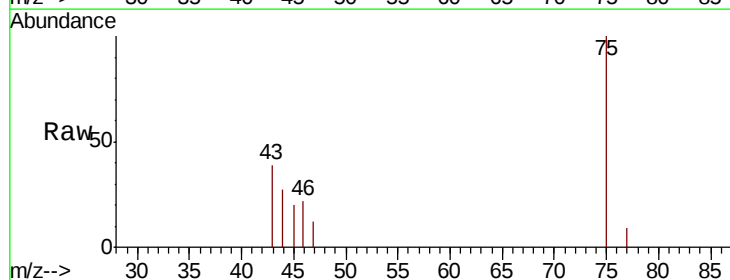
Acq: 28 Aug 2018 22:33

Tgt Ion: 43 Resp: 558

Ion Ratio Lower Upper

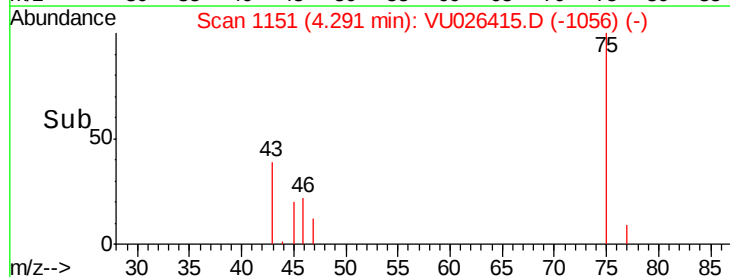
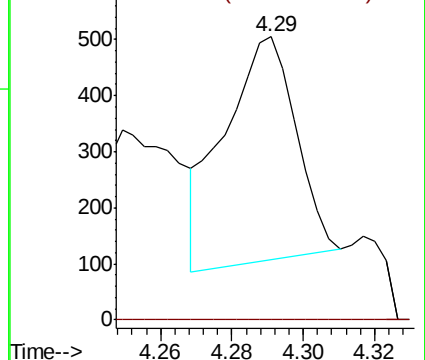
43 100

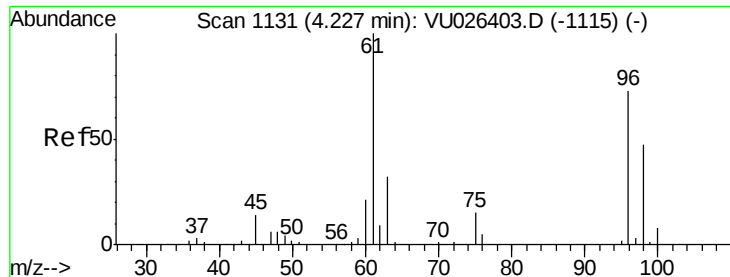
72 0.0 11.4 34.1#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0





#22

cis-1,2-Dichloroethene

Concen: 1.895 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. 0.00 min

Lab File: VU026415.D

Acq: 28 Aug 2018 22:33

Instrument :
MSVOA_U
ClientSampleId :

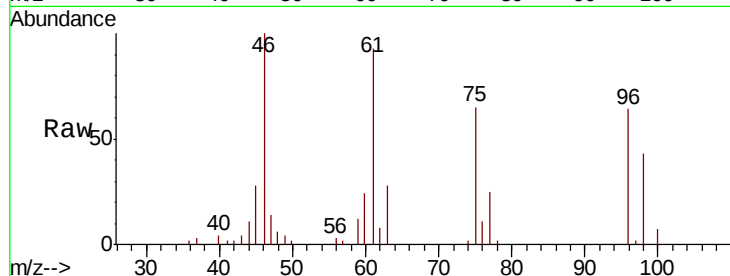
Tot Ion: 96 Resp: 10412

Ion Ratio Lower Upper

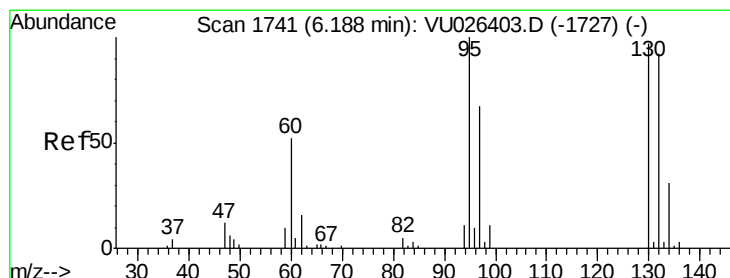
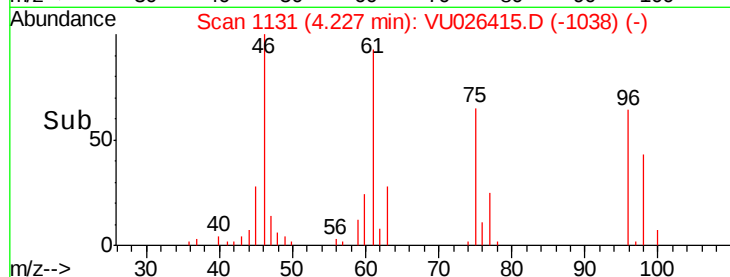
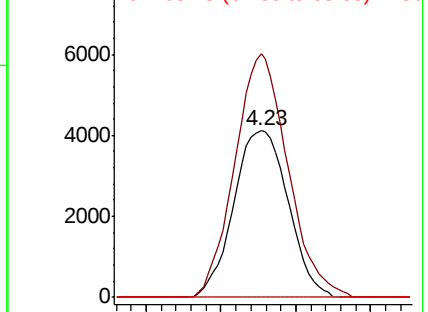
96 100

61 146.4 95.9 178.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



#34

Trichloroethene

Concen: 0.663 ug/L

RT: 6.18 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VU026415.D

Acq: 28 Aug 2018 22:33

Tgt Ion: 95 Resp: 3563

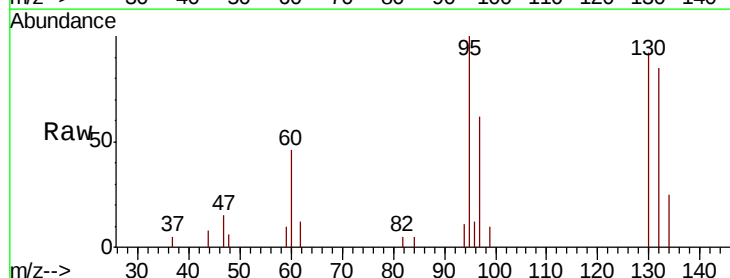
Ion Ratio Lower Upper

95 100

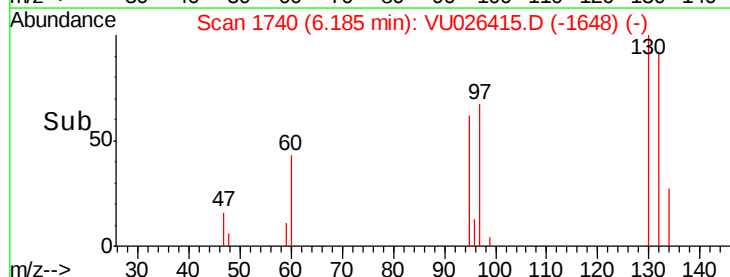
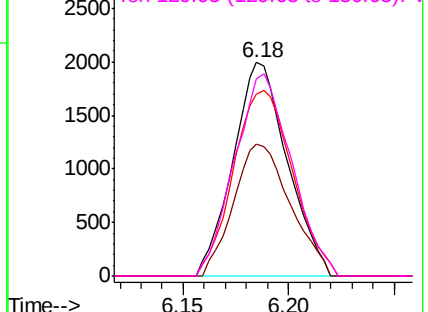
97 61.5 46.6 86.6

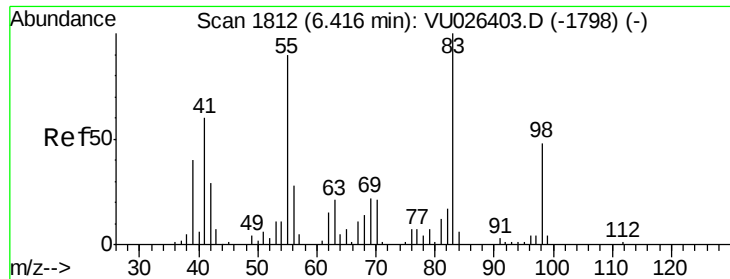
132 85.4 64.2 119.2

130 92.4 68.2 126.6



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 96.95 (96.65 to 97.65): VU0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V

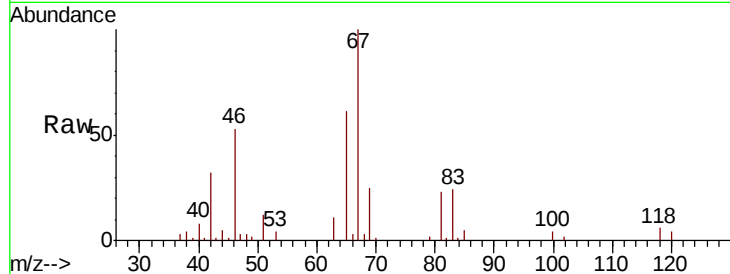




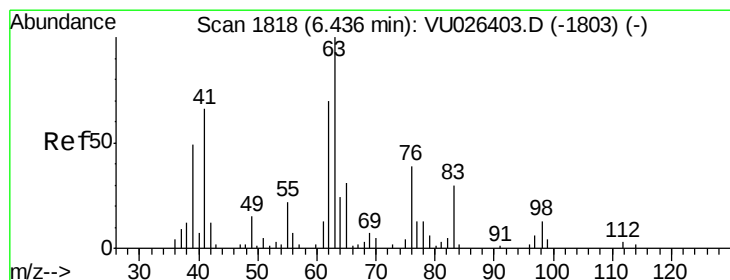
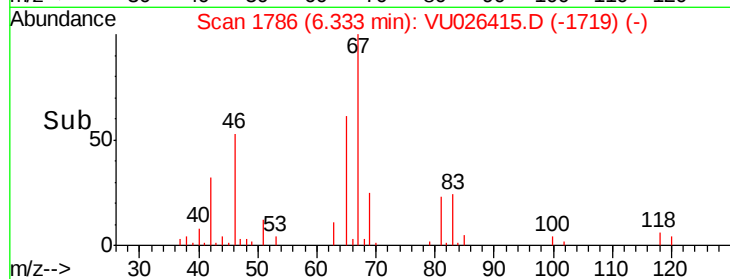
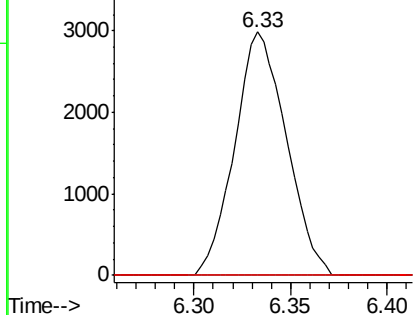
#35
Methvlcvclohexane
Concen: 0.723 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.08 min
Lab File: VU026415.D
Acq: 28 Aug 2018 22:33

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 5531
Ion Ratio Lower Upper
83 100
55 0.0 68.1 102.1#
98 1.7 36.0 54.0#

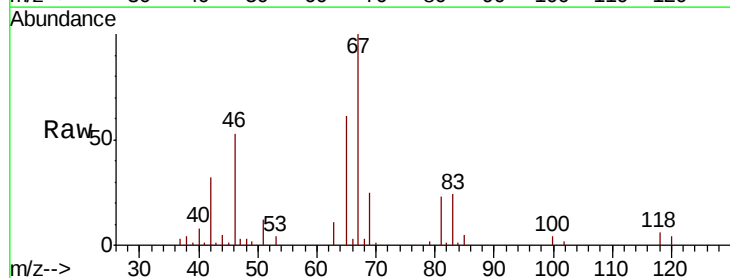


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

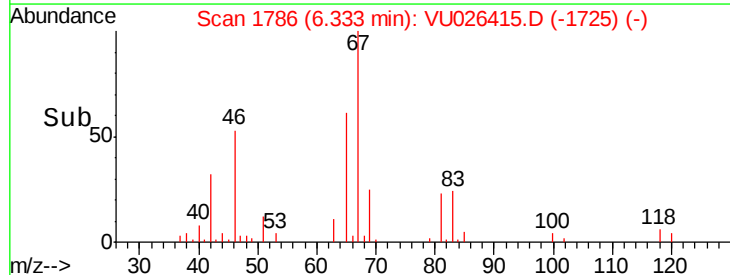
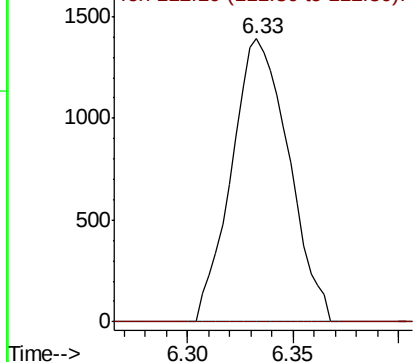


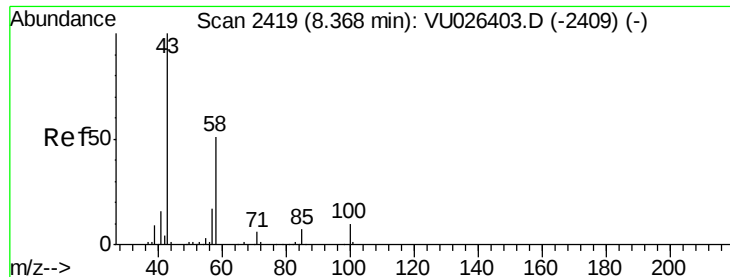
#37
1,2-Dichloropropane
Concen: 0.475 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU026415.D
Acq: 28 Aug 2018 22:33

Tgt Ion: 63 Resp: 2622
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

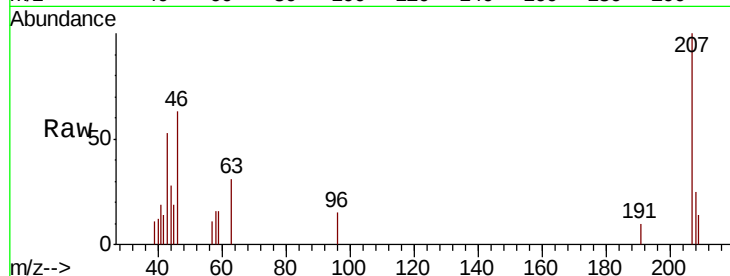




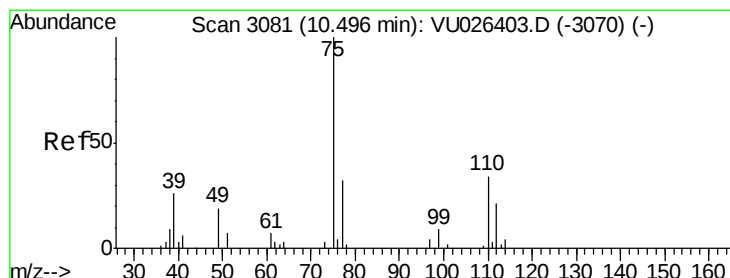
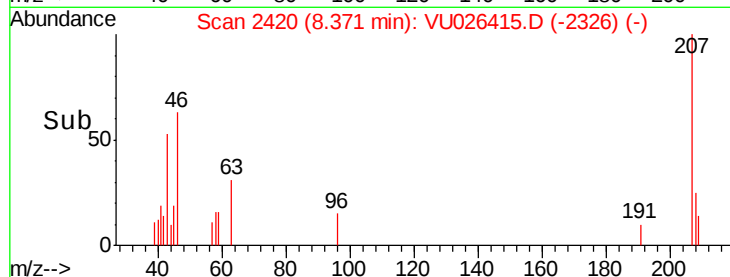
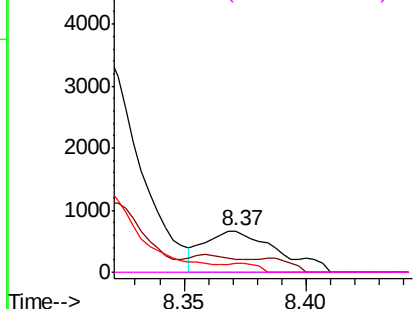
#48
 2-Hexanone
 Concen: 0.596 ug/L
 RT: 8.37 min Scan# 2420
 Delta R.T. 0.00 min
 Lab File: VU026415.D
 Acq: 28 Aug 2018 22:33

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 1373
 Ion Ratio Lower Upper
 43 100
 58 8.7 40.5 60.7#
 57 9.0 14.0 21.0#
 100 0.0 7.6 11.4#

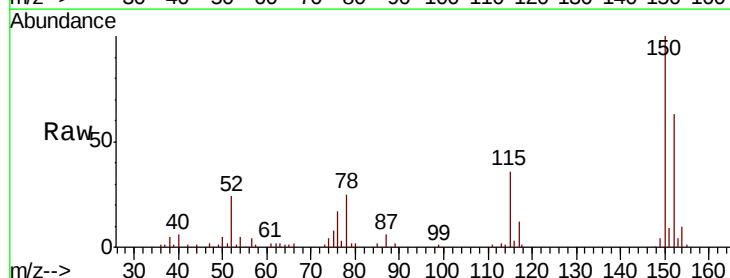


Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 57.20 (56.90 to 57.90): VU0
 Ion 100.15 (99.85 to 100.85): VU0



#59
 1,2,3-Trichloropropane
 Concen: 1.039 ug/L
 RT: 11.48 min Scan# 3388
 Delta R.T. 0.99 min
 Lab File: VU026415.D
 Acq: 28 Aug 2018 22:33

Tgt Ion: 75 Resp: 3315
 Ion Ratio Lower Upper
 75 100
 77 35.7 25.0 37.4



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

