

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082818\
 Data File : VU026419.D
 Acq On : 29 Aug 2018 00:10
 Operator : MD/SY
 Sample : J4633-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 01:42:20 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	60028	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	59957	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	27044	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	36736	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.68	69	29096	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.27	63	51287	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	4.20	46	67957	45.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.92%
24) Chloroform-d	4.65	84	36197	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.00%
26) 1,2-Dichloroethane-d4	5.31	65	26293	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.34	84	94464	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.33	67	31429	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.57	98	80985	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	7.85	79	10308	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.32	63	50286	45.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.46%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	22956	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	30696	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

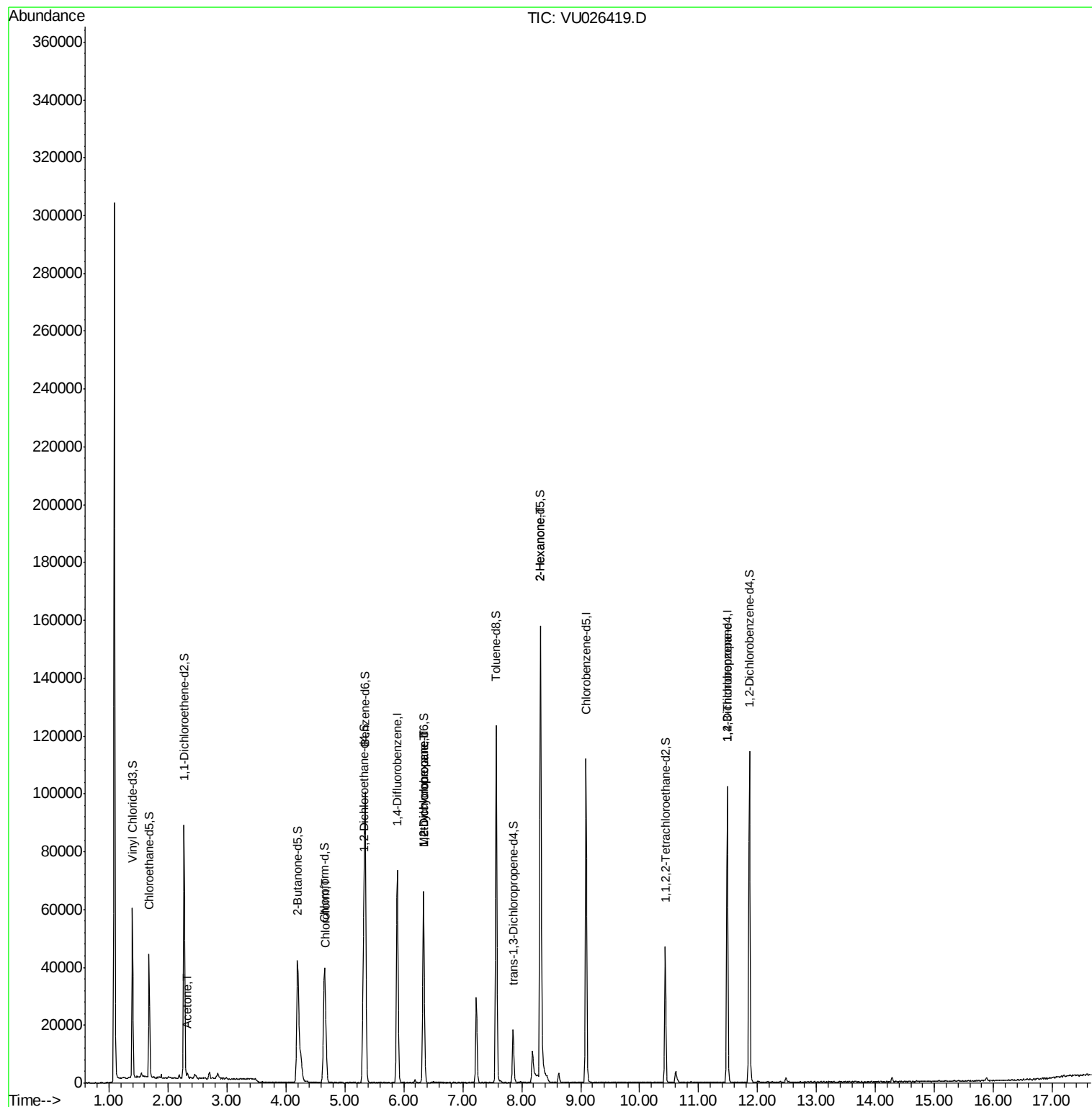
					Ovalue
13) Acetone	2.32	43	1293	1.184	ug/L 80
25) Chloroform	4.68	83	12029	1.123	ug/L 98
35) Methylcyclohexane	6.34	83	6902	0.903	ug/L # 15
37) 1,2-Dichloropropane	6.34	63	3339	0.605	ug/L # 89
48) 2-Hexanone	8.32	43	6738	2.929	ug/L # 68
59) 1,2,3-Trichloropropane	11.48	75	3509	1.101	ug/L 94

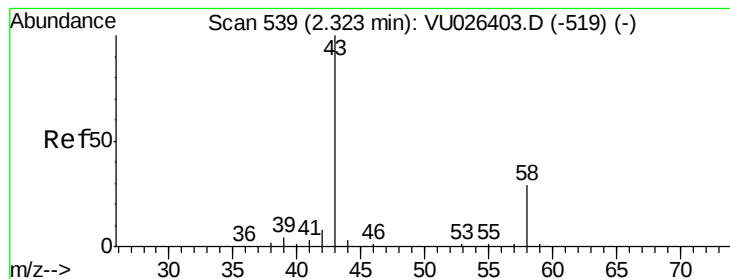
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.184 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026419.D

Acq: 29 Aug 2018 00:10

Instrument :

MSVOA_U

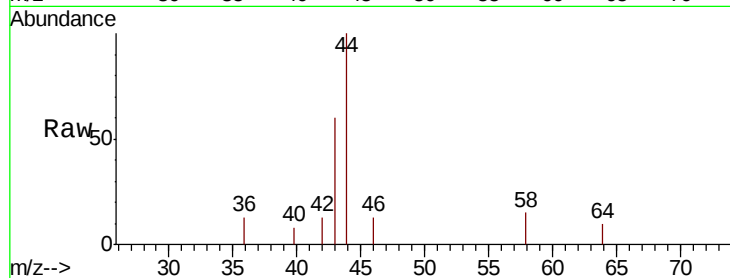
ClientSampleId :

Tot Ion: 43 Resp: 1293

Ion Ratio Lower Upper

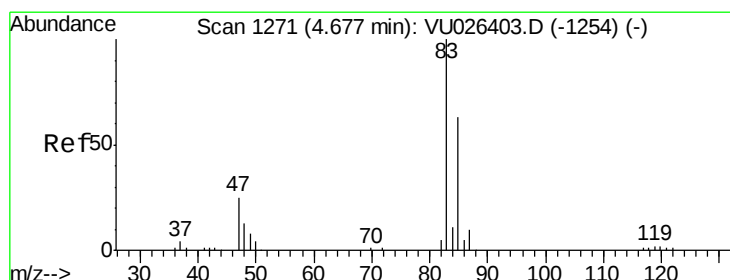
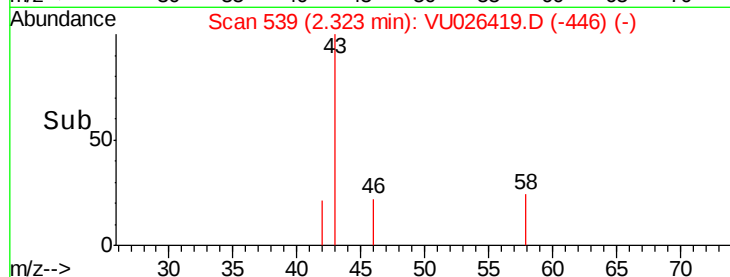
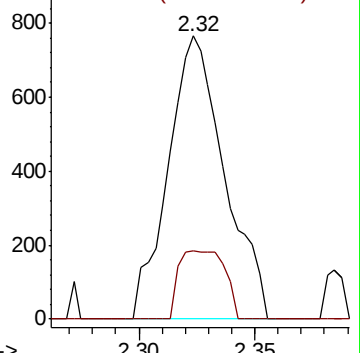
43 100

58 19.5 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#25

Chloroform

Concen: 1.123 ug/L

RT: 4.68 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU026419.D

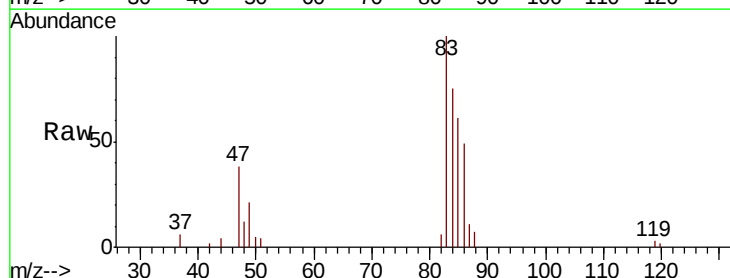
Acq: 29 Aug 2018 00:10

Tgt Ion: 83 Resp: 12029

Ion Ratio Lower Upper

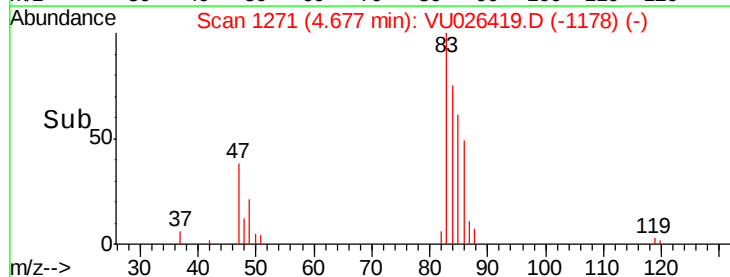
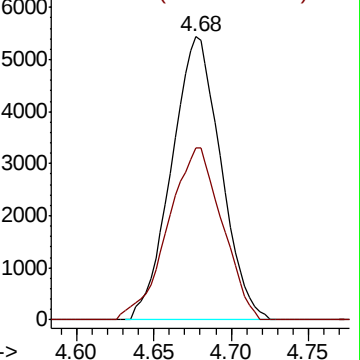
83 100

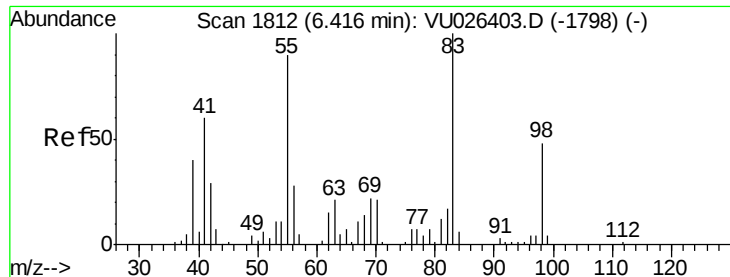
85 61.0 43.8 81.4



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

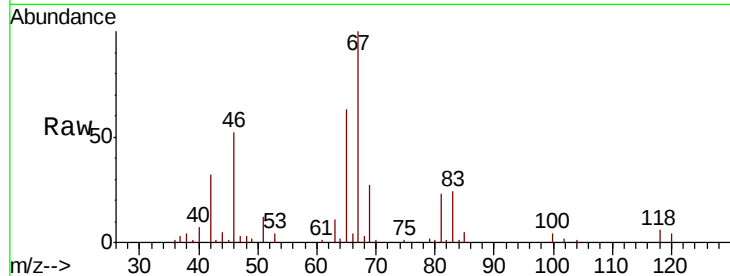




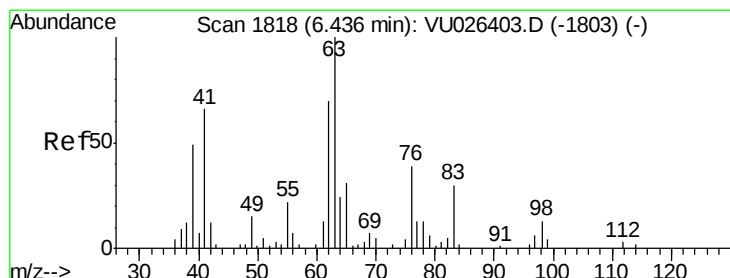
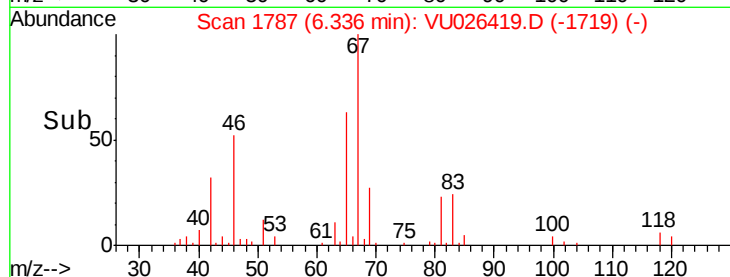
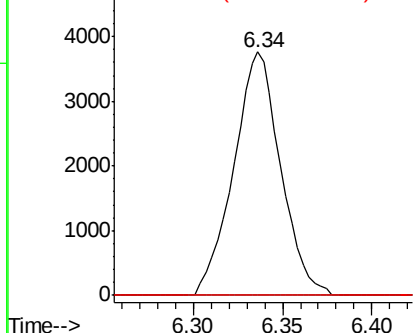
#35
Methvlcvclohexane
Concen: 0.903 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.08 min
Lab File: VU026419.D
Acq: 29 Aug 2018 00:10

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 6902
Ion Ratio Lower Upper
83 100
55 0.0 68.1 102.1#
98 0.0 36.0 54.0#

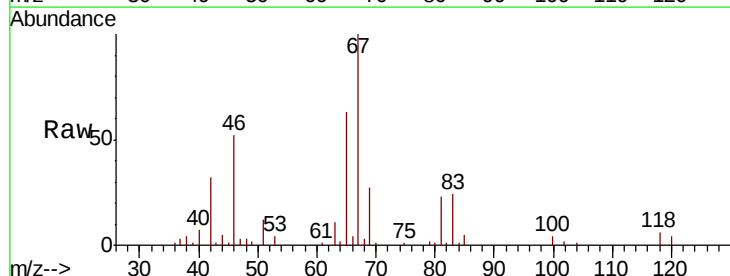


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

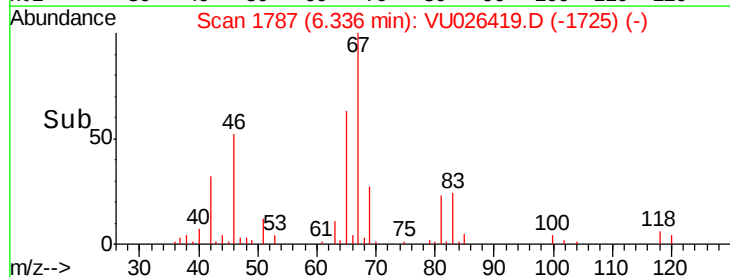
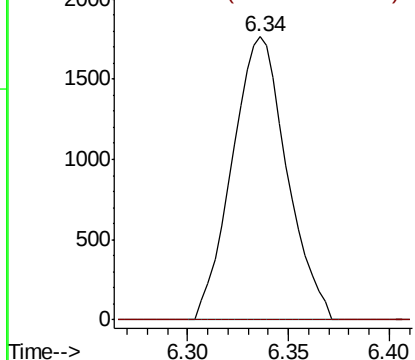


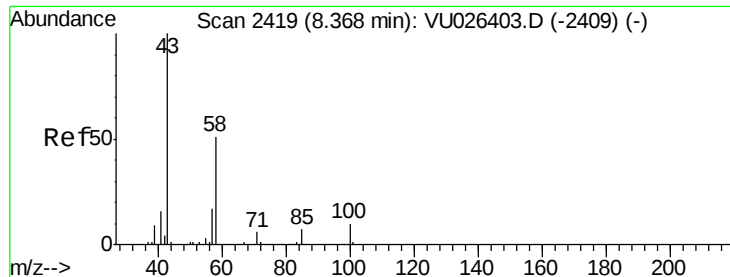
#37
1,2-Dichloropropane
Concen: 0.605 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU026419.D
Acq: 29 Aug 2018 00:10

Tgt Ion: 63 Resp: 3339
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

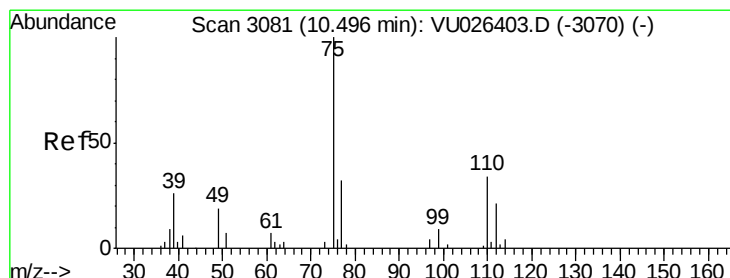
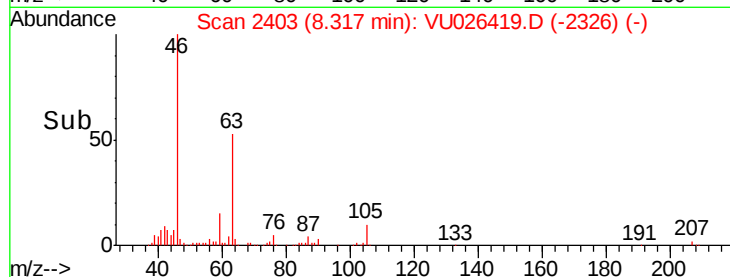
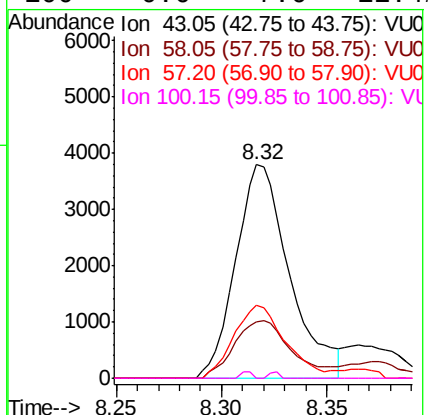
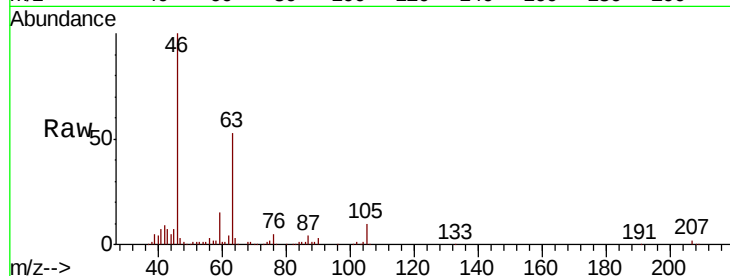




#48
 2-Hexanone
 Concen: 2.929 ug/L
 RT: 8.32 min Scan# 2403
 Delta R.T. -0.05 min
 Lab File: VU026419.D
 Acq: 29 Aug 2018 00:10

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 6738
 Ion Ratio Lower Upper
 43 100
 58 28.2 40.5 60.7#
 57 32.7 14.0 21.0#
 100 0.6 7.6 11.4#



#59
 1,2,3-Trichloropropane
 Concen: 1.101 ug/L
 RT: 11.48 min Scan# 3388
 Delta R.T. 0.99 min
 Lab File: VU026419.D
 Acq: 29 Aug 2018 00:10

Tgt Ion: 75 Resp: 3509
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.0 37.4

