

Data File : VU031721.D
Acq On : 02 May 2019 18:49
Operator : JC/SP
Sample : K2661-09 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B29

Quant Time: May 03 07:28:59 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	978880	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	885616	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	368122	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	401424	49.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.00%
7) Chloroethane-d5	1.68	69	294927	46.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.16%
11) 1,1-Dichloroethene-d2	2.34	63	562	0.03	ug/L	0.07
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	4.18	46	708278	95.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.42%
24) Chloroform-d	4.64	84	628132	41.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.72%
26) 1,2-Dichloroethane-d4	5.31	65	417881	42.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.26%
32) Benzene-d6	5.34	84	1335520	49.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.22%
36) 1,2-Dichloropropane-d6	6.32	67	455724	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.26%
41) Toluene-d8	7.56	98	1169199	49.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.72%
43) trans-1,3-Dichloropropene-	7.85	79	185228	45.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.20%
47) 2-Hexanone-d5	8.31	63	472548	114.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.11%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	575343	44.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	365920	47.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.54%

Target Compounds

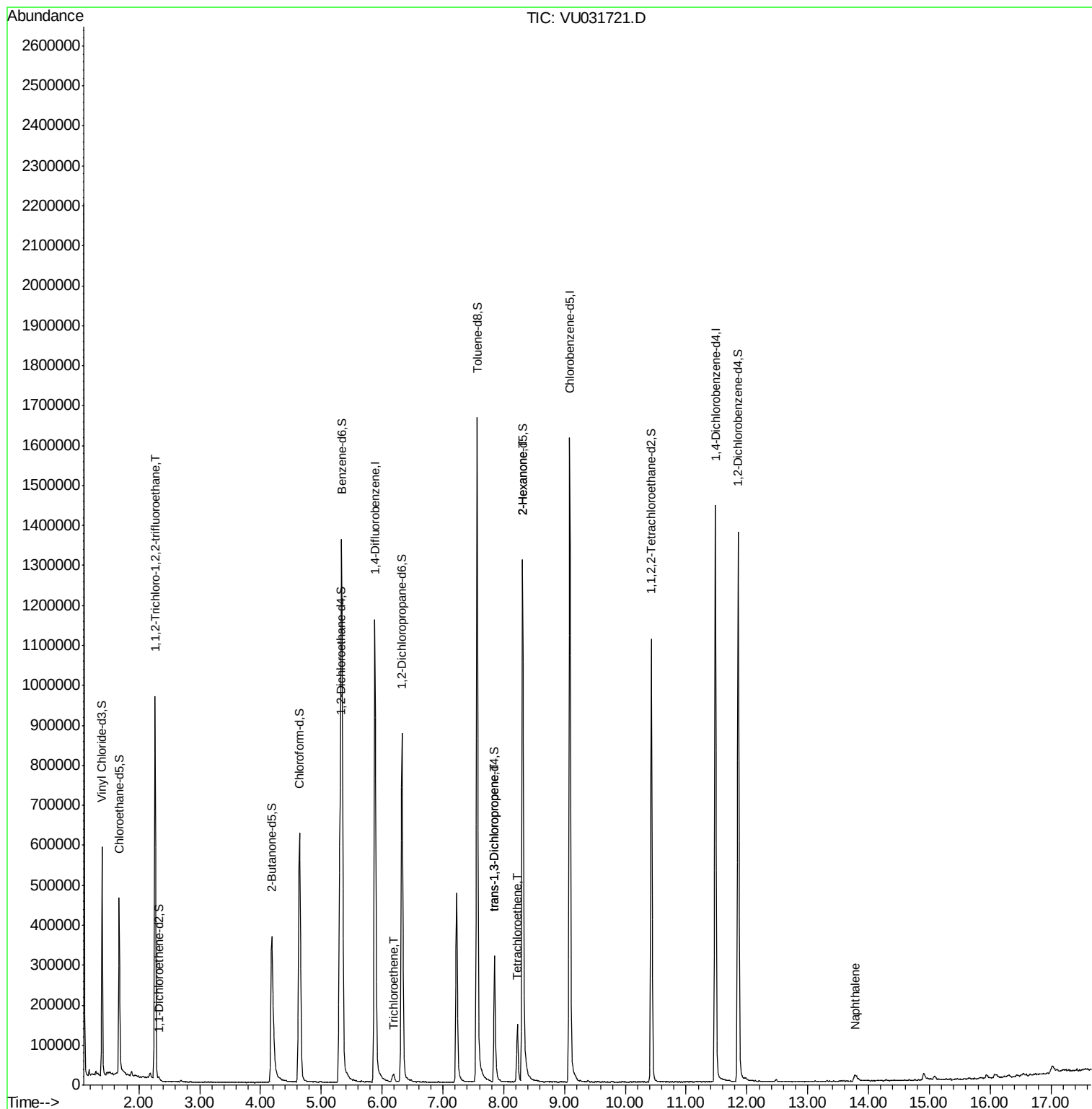
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	5541	0.706	ug/L #	23
34) Trichloroethene	6.19	95	4852	0.615	ug/L	92
44) trans-1,3-Dichloropropene	7.85	75	7853	0.709	ug/L	94
46) Tetrachloroethene	8.22	164	32814	6.098	ug/L	89
48) 2-Hexanone	8.31	43	54464	4.735	ug/L #	73
69) Naphthalene	13.77	128	13581	0.551	ug/L #	88

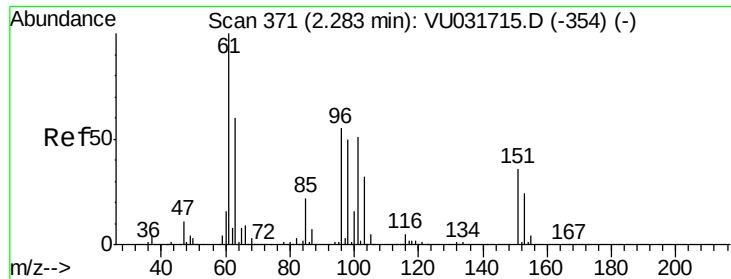
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.706 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU031721.D

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C0B29

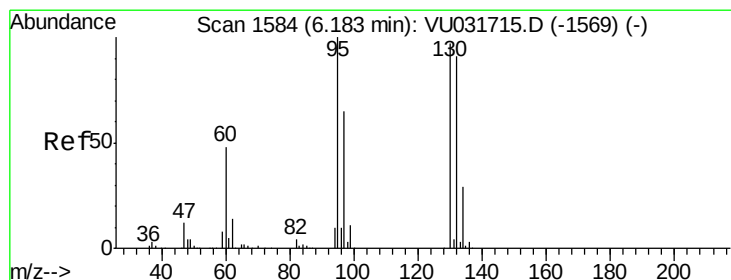
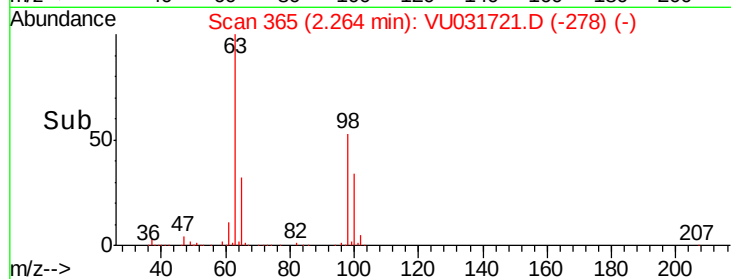
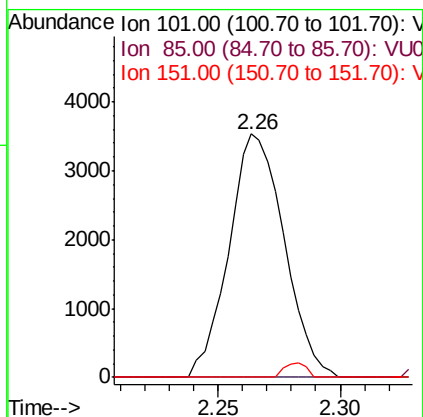
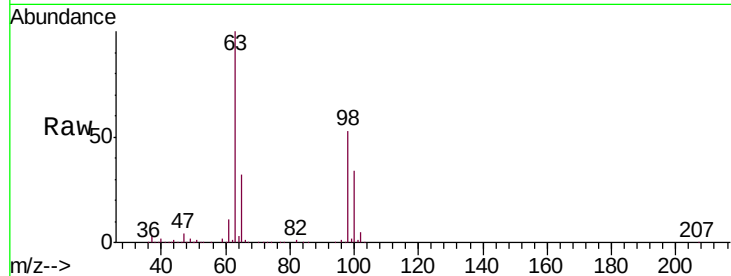
Tgt Ion: 101 Resp: 5541

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

151 2.4 56.1 84.1#



#34

Trichloroethene

Concen: 0.615 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VU031721.D

Acq: 02 May 2019 18:49

Tgt Ion: 95 Resp: 4852

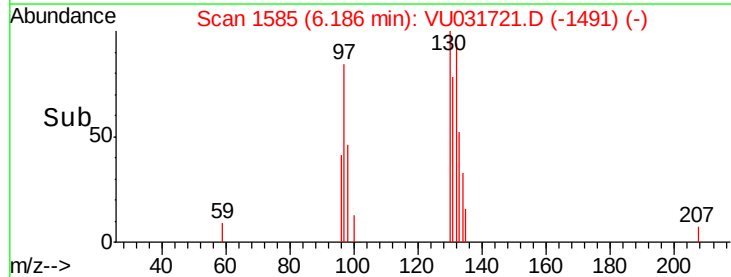
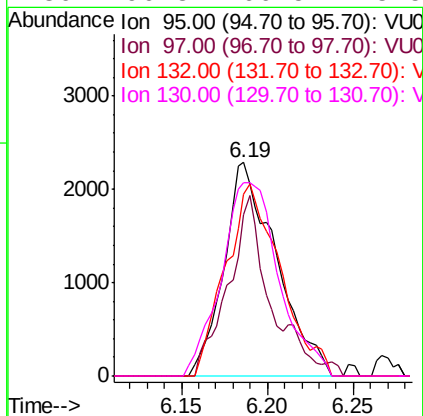
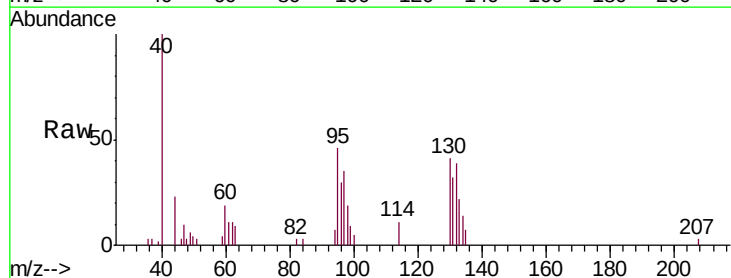
Ion Ratio Lower Upper

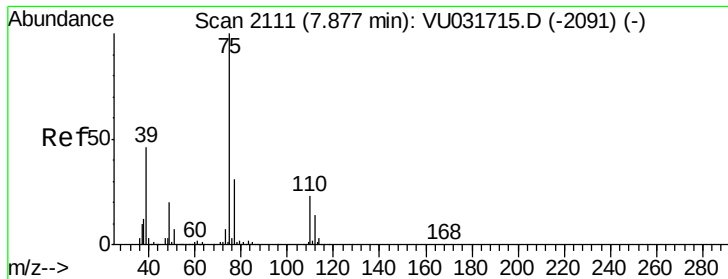
95 100

97 75.8 44.8 83.2

132 84.8 63.1 117.1

130 90.3 66.5 123.5





#44

trans-1,3-Dichloropropene

Concen: 0.709 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU031721.D

Acq: 02 May 2019 18:49

Instrument :

MSVOA_U

ClientSampleId :

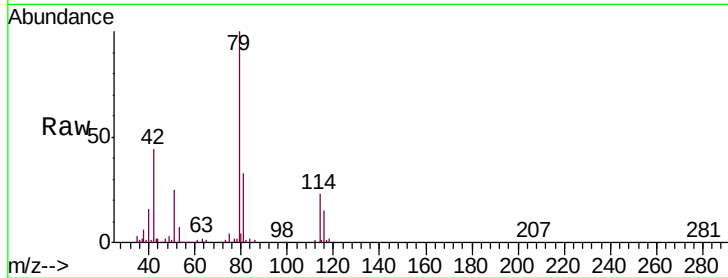
C0B29

Tgt Ion: 75 Resp: 7853

Ion Ratio Lower Upper

75 100

77 35.2 22.1 41.1

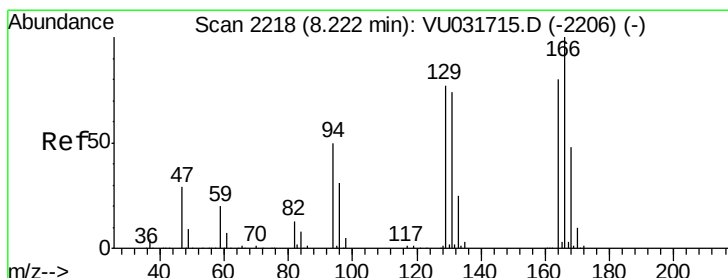
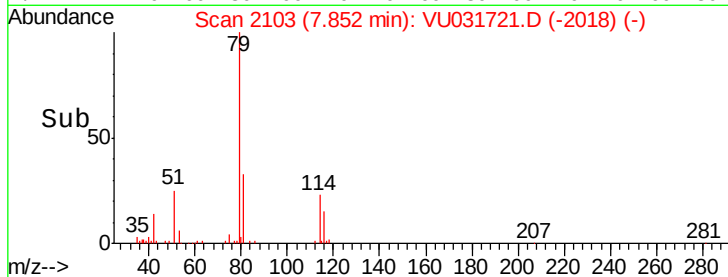


Abundance Ion 75.00 (74.70 to 75.70): VU031721.D (-2103) (-)

Ion 77.00 (76.70 to 77.70): VU031721.D (-2103) (-)

7.85

Time-->



#46

Tetrachloroethene

Concen: 6.098 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031721.D

Acq: 02 May 2019 18:49

Tgt Ion: 164 Resp: 32814

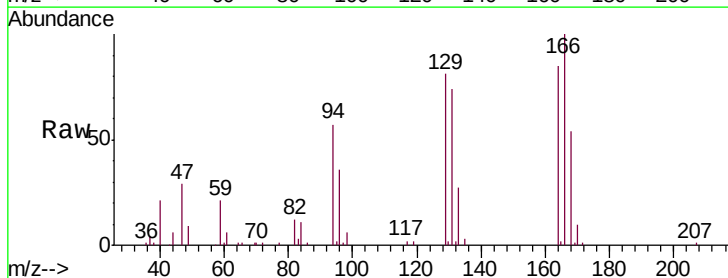
Ion Ratio Lower Upper

164 100

129 95.4 71.5 132.9

131 87.0 69.0 128.2

166 117.8 93.7 173.9



Abundance Ion 164.00 (163.70 to 164.70): VU031721.D (-2219) (-)

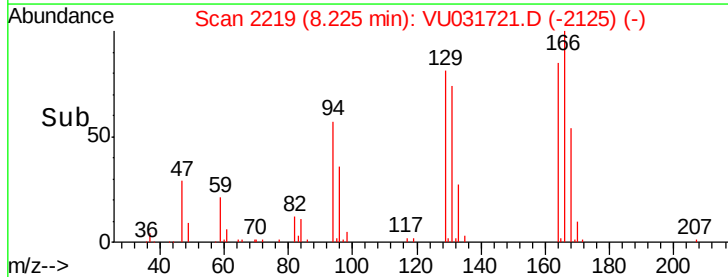
Ion 129.00 (128.70 to 129.70): VU031721.D (-2219) (-)

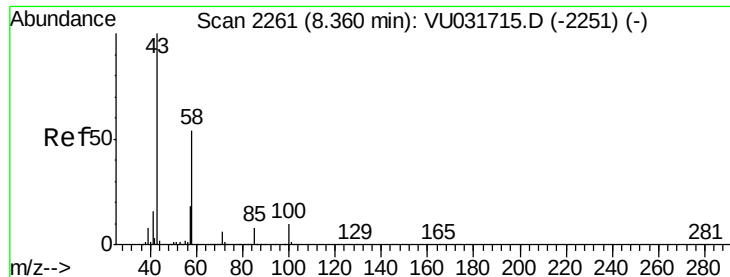
Ion 131.00 (130.70 to 131.70): VU031721.D (-2219) (-)

Ion 166.00 (165.70 to 166.70): VU031721.D (-2219) (-)

8.22

Time-->

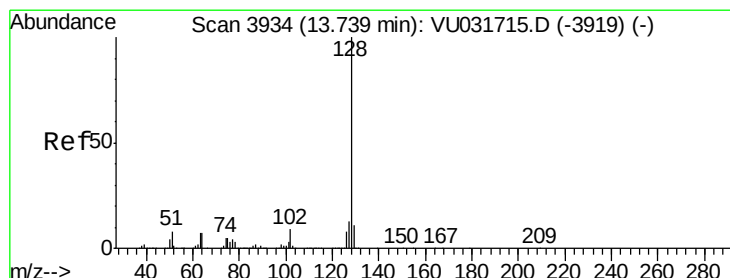
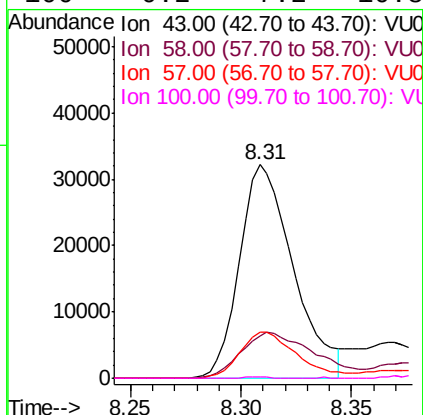
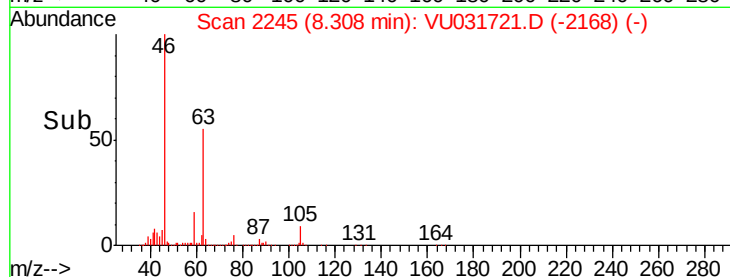
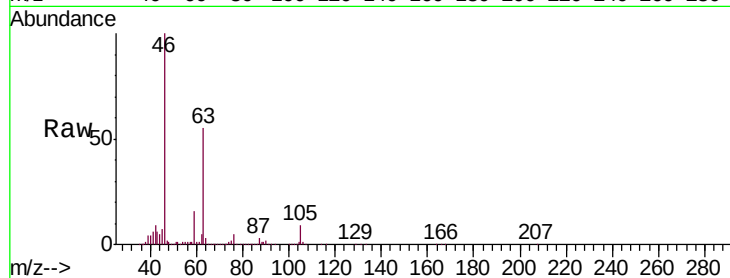




#48
2-Hexanone
Concen: 4.735 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU031721.D
Acq: 02 May 2019 18:49

Instrument :
MSVOA_U
ClientSampleId :
C0B29

Tgt Ion: 43 Resp: 54464
Ion Ratio Lower Upper
43 100
58 29.1 42.1 63.1#
57 22.9 14.6 22.0#
100 0.2 7.2 10.8#



#69
Naphthalene
Concen: 0.551 ug/L
RT: 13.77 min Scan# 3945
Delta R.T. 0.04 min
Lab File: VU031721.D
Acq: 02 May 2019 18:49

Tgt Ion: 128 Resp: 13581
Ion Ratio Lower Upper
128 100
127 14.9 10.6 15.8
129 2.8 8.7 13.1#

