

Data File : VU029776.D
Acq On : 04 Mar 2019 11:04
Operator : JC/SP
Sample : K1625-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF872

Quant Time: Mar 05 00:40:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 05 00:37:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	412186	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	398810	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	186490	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	132638	43.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.82%
7) Chloroethane-d5	1.68	69	120912	45.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.06%
11) 1,1-Dichloroethene-d2	2.27	63	199752	33.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.66%
21) 2-Butanone-d5	4.17	46	264670	144.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	144.00%#
24) Chloroform-d	4.64	84	269861	55.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.18%
26) 1,2-Dichloroethane-d4	5.31	65	166116	53.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.12%
32) Benzene-d6	5.34	84	569658	56.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.54%
36) 1,2-Dichloropropane-d6	6.33	67	176605	58.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	116.98%
41) Toluene-d8	7.56	98	526916	51.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.90%
43) trans-1,3-Dichloropropene-	7.85	79	82042	51.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.46%
47) 2-Hexanone-d5	8.31	63	232370	138.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	138.21%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	292055	57.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	216471	53.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.72%

Target Compounds

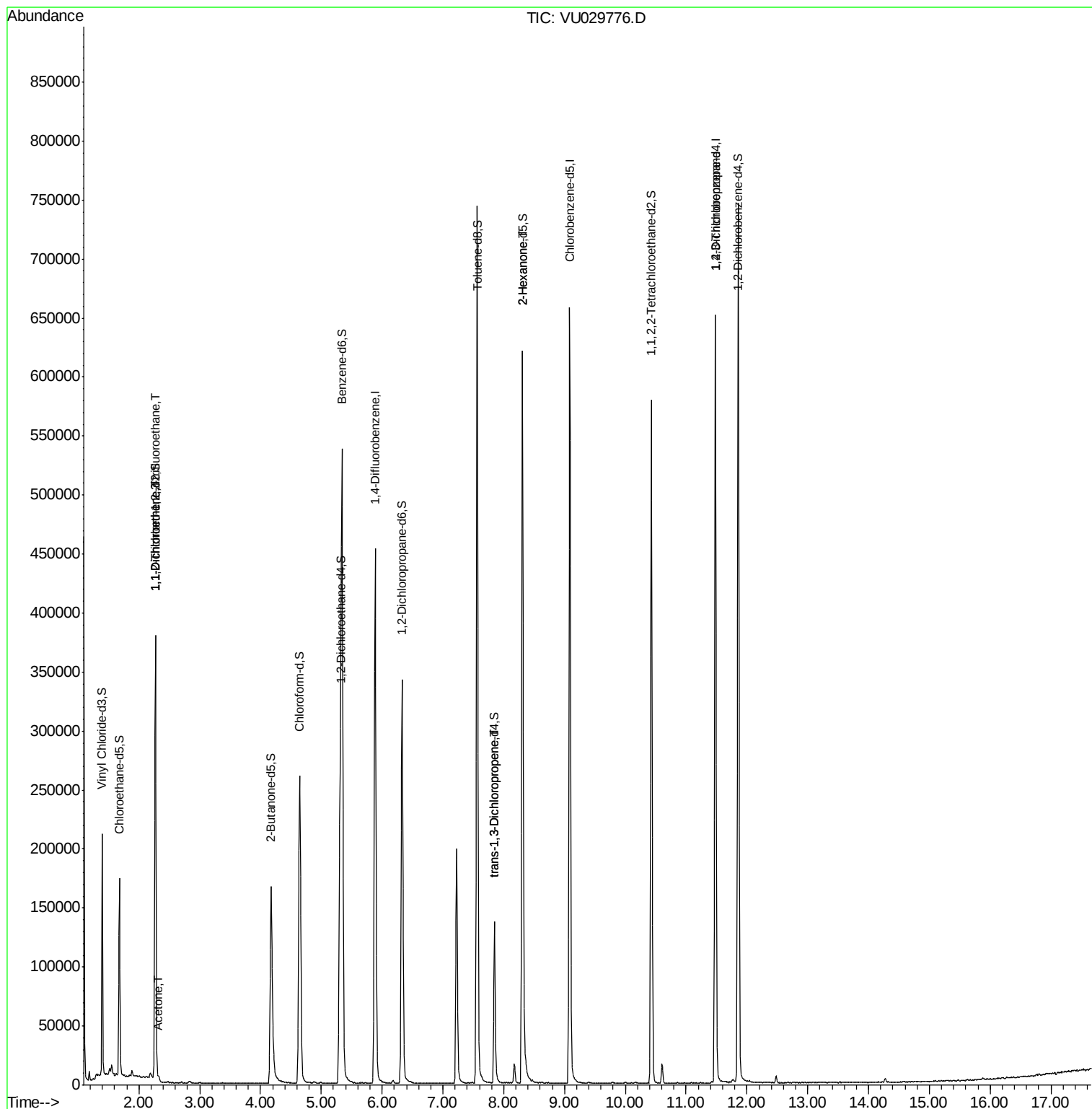
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2288	0.797	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1747	0.640	ug/L #	1
13) Acetone	2.32	43	2775	1.413	ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	3265	0.800	ug/L #	73
48) 2-Hexanone	8.31	43	23446	7.111	ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	19075	4.984	ug/L	90

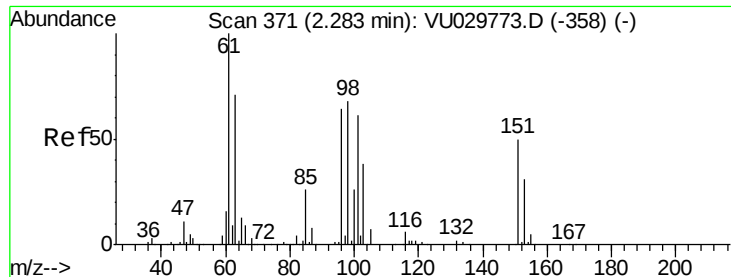
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.797 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029776.D

Acq: 04 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampled :

BF872

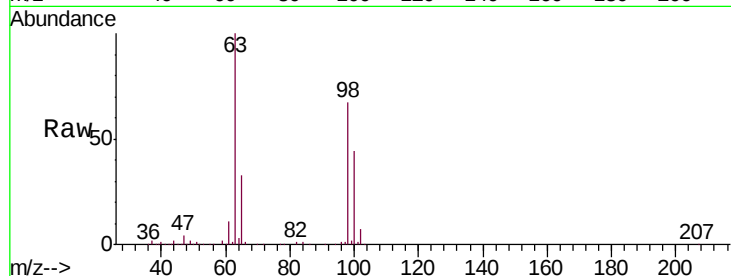
Tgt Ion: 101 Resp: 2288

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

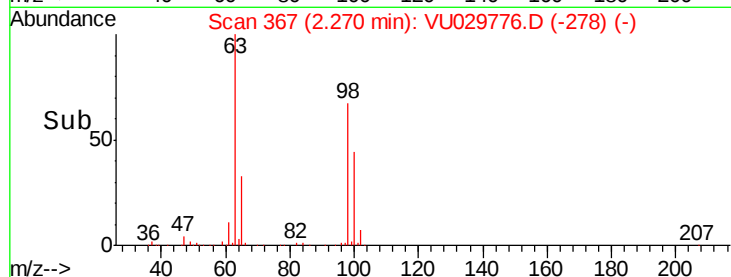
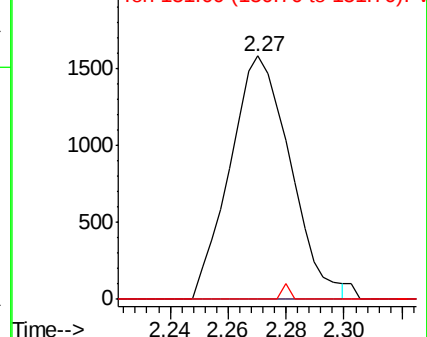
151 0.0 65.7 98.5#



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: 0.640 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029776.D

Acq: 04 Mar 2019 11:04

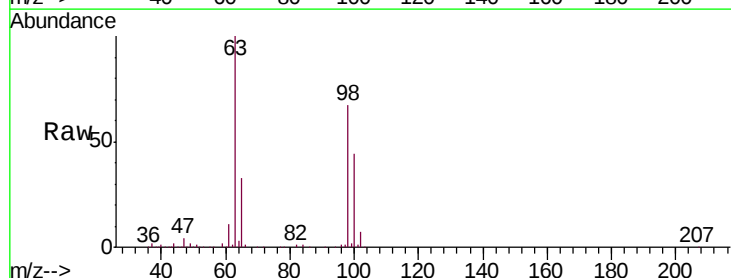
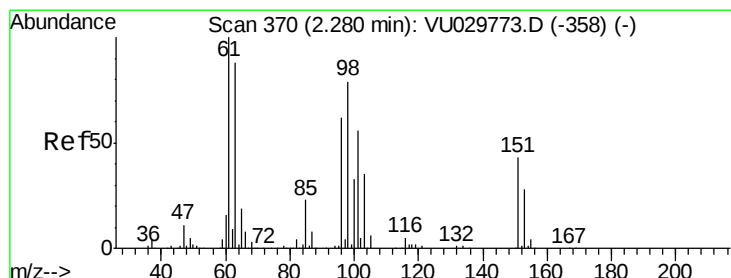
Tgt Ion: 96 Resp: 1747

Ion Ratio Lower Upper

96 100

61 1333.3 114.0 211.8#

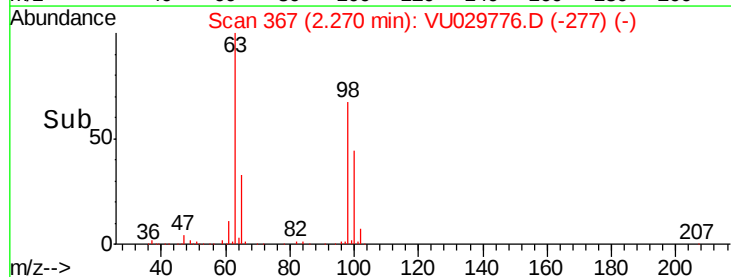
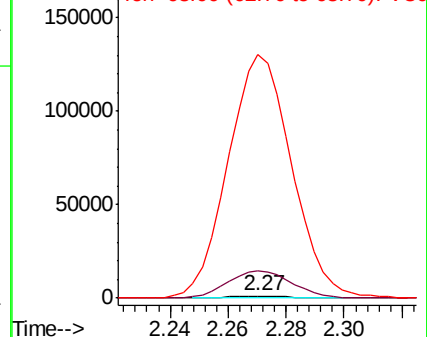
63 11667.7 98.7 183.3#

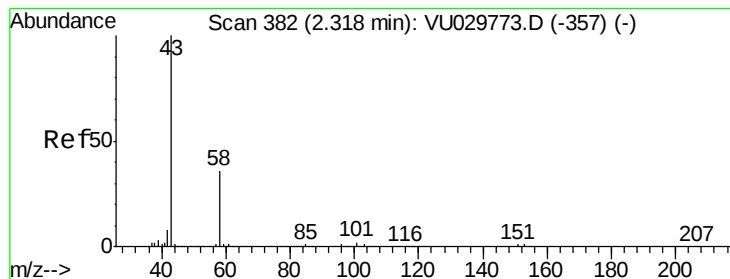


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.413 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Acq: 04 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

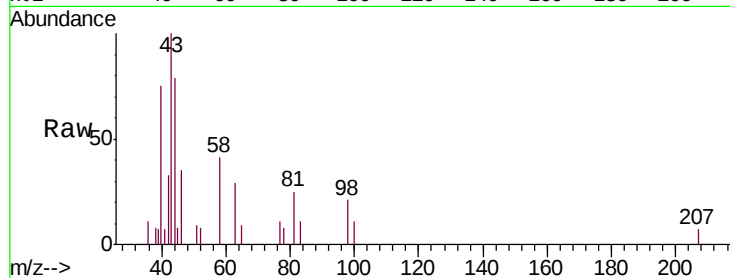
BF872

Tgt Ion: 43 Resp: 2775

Ion Ratio Lower Upper

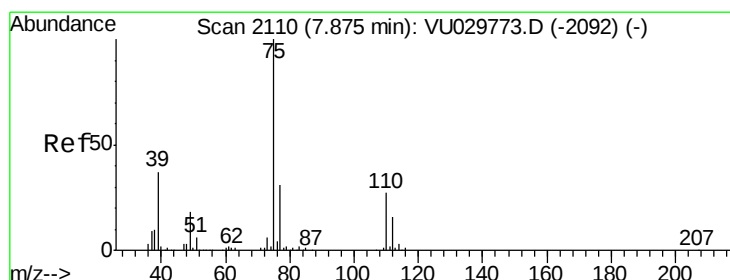
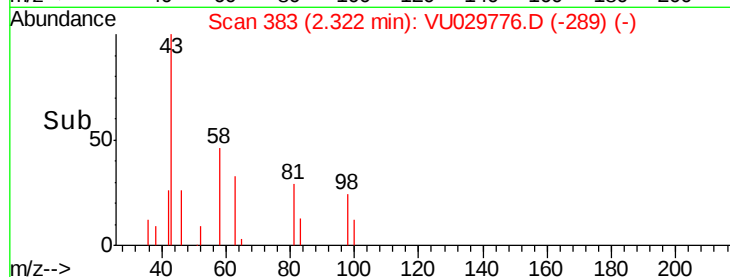
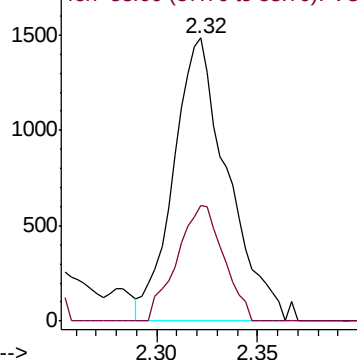
43 100

58 35.3 0.0 66.8



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: 0.800 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU029776.D

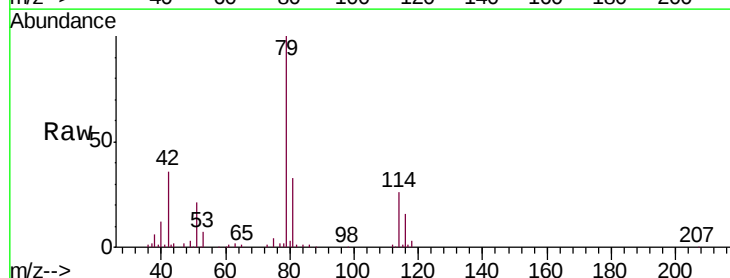
Acq: 04 Mar 2019 11:04

Tgt Ion: 75 Resp: 3265

Ion Ratio Lower Upper

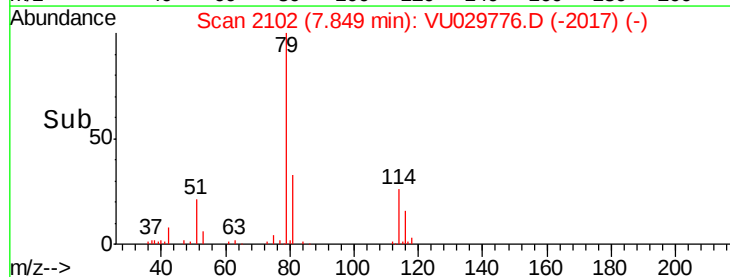
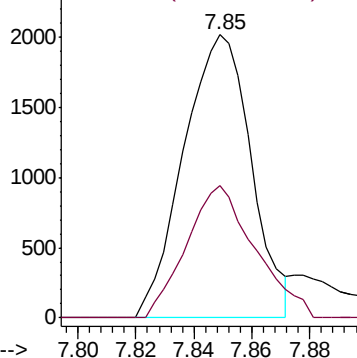
75 100

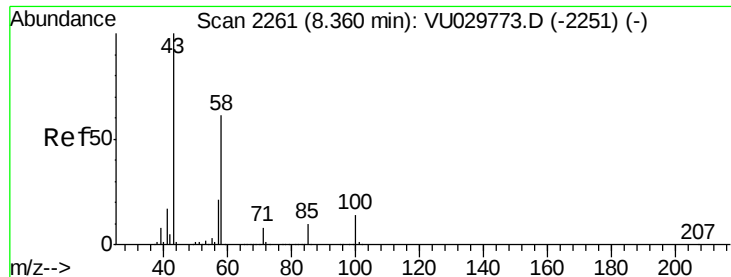
77 46.7 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

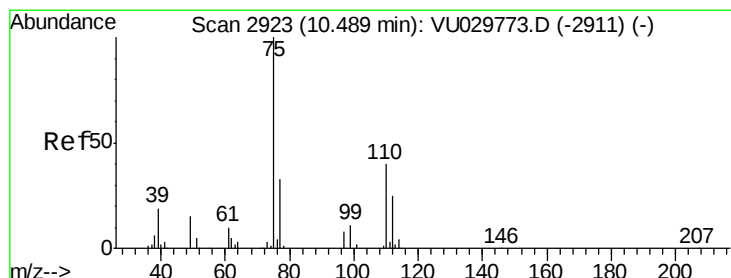
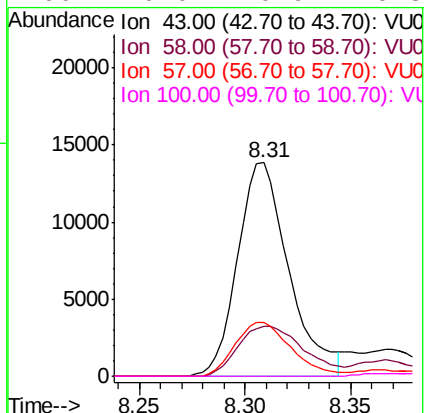
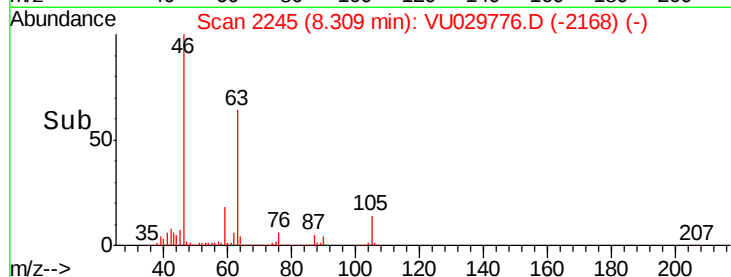
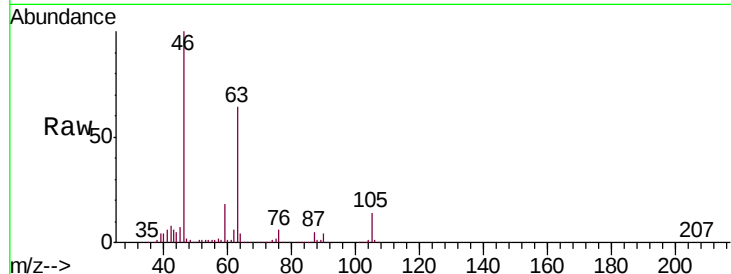




#48
2-Hexanone
Concen: 7.111 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU029776.D
Acq: 04 Mar 2019 11:04

Instrument :
MSVOA_U
ClientSampleId :
BF872

Tgt Ion: 43 Resp: 23446
Ion Ratio Lower Upper
43 100
58 30.3 46.4 69.6#
57 27.2 15.7 23.5#
100 0.0 10.9 16.3#



#59
1,2,3-Trichloropropane
Concen: 4.984 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029776.D
Acq: 04 Mar 2019 11:04

Tgt Ion: 75 Resp: 19075
Ion Ratio Lower Upper
75 100
77 37.5 25.7 38.5

