

Data File : VU033329.D
Acq On : 18 Jul 2019 19:49
Operator : JC/SP
Sample : K3863-17
Misc : 5.73g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A52H9

Quant Time: Jul 19 01:50:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 01:43:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	369508	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	361535	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	192166	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	124436	44.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.98%
7) Chloroethane-d5	1.71	69	252	0.11	ug/L	0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.22%#
11) 1,1-Dichloroethene-d2	2.22	63	209929	41.38	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.76%
21) 2-Butanone-d5	4.16	46	200553	113.16	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.16%
24) Chloroform-d	4.62	84	222971	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.14%
26) 1,2-Dichloroethane-d4	5.28	65	150441	50.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.08%
32) Benzene-d6	5.31	84	480282	54.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.30%
36) 1,2-Dichloropropane-d6	6.31	67	150865	53.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.20%
41) Toluene-d8	7.54	98	434625	51.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.94%
43) trans-1,3-Dichloropropene-	7.83	79	72158	51.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.60%
47) 2-Hexanone-d5	8.31	63	160014	124.93	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	124.93%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	236603	55.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.04%
64) 1,2-Dichlorobenzene-d4	11.85	152	187413	54.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.38%

Target Compounds

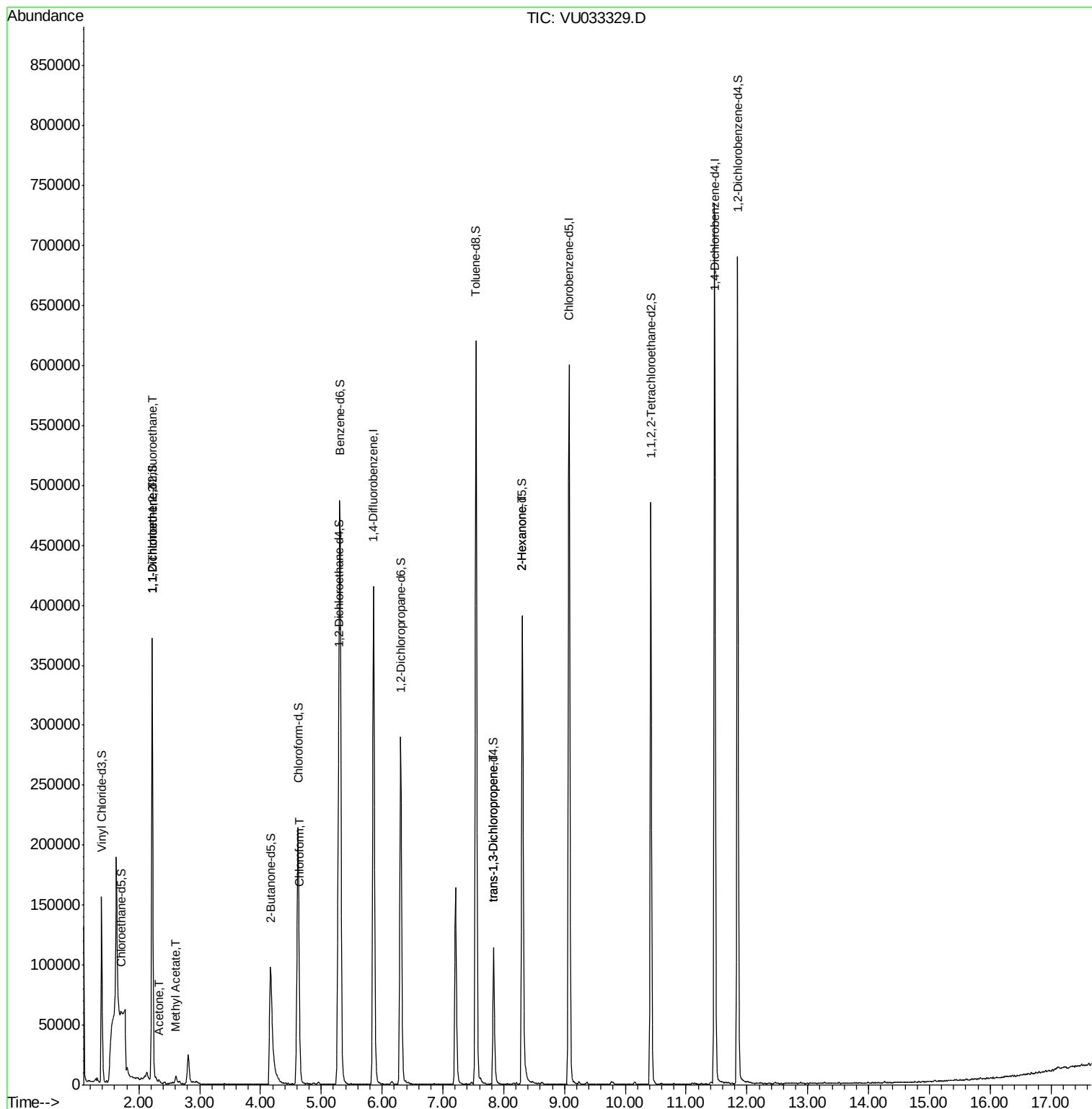
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.22	101	2377	0.943 ug/L #	29
12) 1,1-Dichloroethene	2.22	96	1983	0.804 ug/L #	1
13) Acetone	2.33	43	3562	1.609 ug/L	79
15) Methyl Acetate	2.61	43	8702	3.009 ug/L	100
25) Chloroform	4.64	83	3891	0.747 ug/L	77
44) trans-1,3-Dichloropropene	7.83	75	2930	0.741 ug/L #	68
48) 2-Hexanone	8.31	43	17653	5.649 ug/L #	66

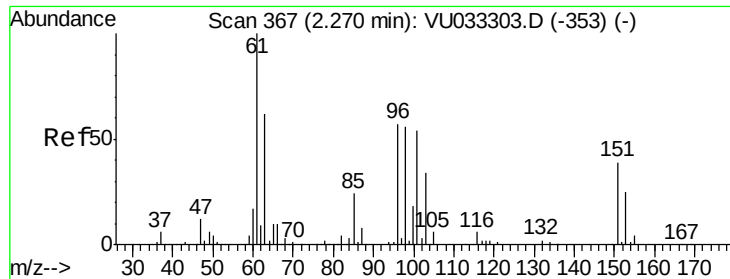
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.943 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.05 min

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Instrument :

MSVOA_U

ClientSampleId :

A52H9

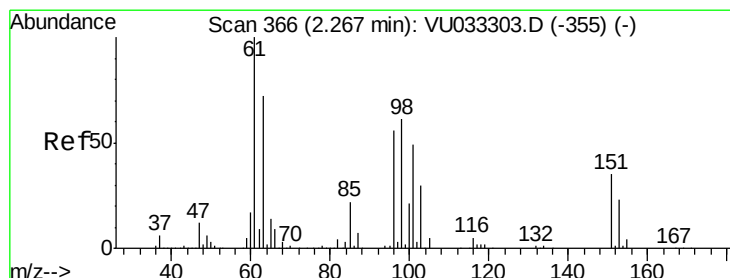
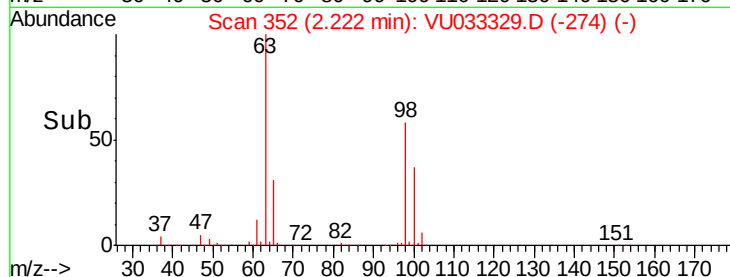
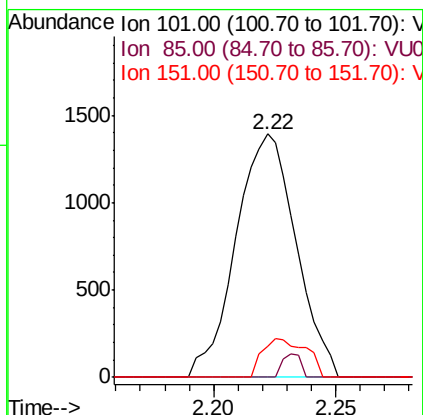
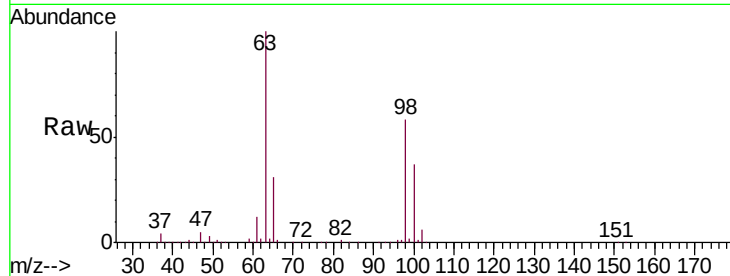
Tgt Ion:101 Resp: 2377

Ion Ratio Lower Upper

101 100

85 3.0 35.8 53.8#

151 8.9 56.7 85.1#



#12

1,1-Dichloroethene

Concen: 0.804 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.05 min

Lab File: VU033329.D

Acq: 18 Jul 2019 19:49

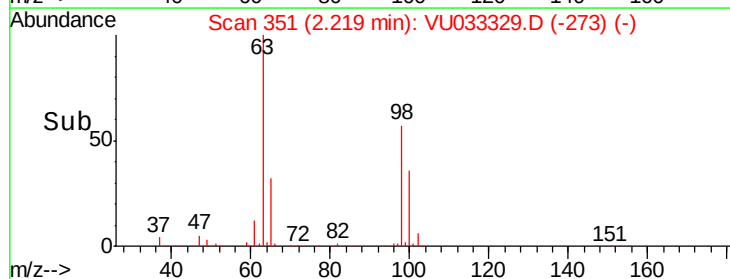
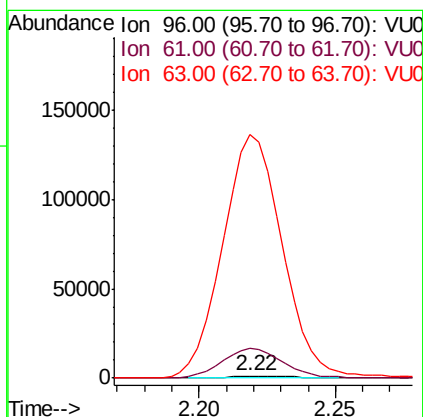
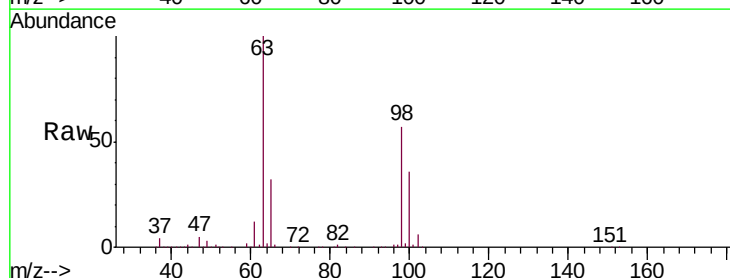
Tgt Ion: 96 Resp: 1983

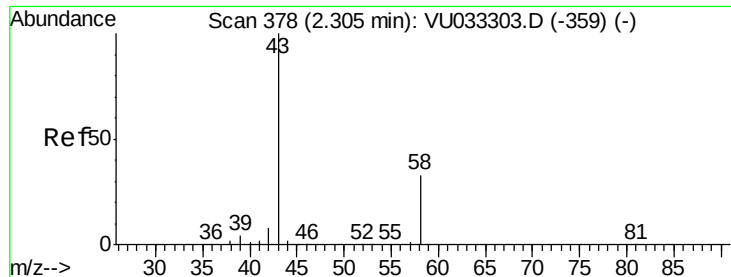
Ion Ratio Lower Upper

96 100

61 1363.0 126.1 234.1#

63 11312.9 96.8 179.8#





#13

Acetone

Concen: 1.609 ug/L

RT: 2.33 min Scan# 386

Delta R.T. 0.03 min

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Acq: 18 Jul 2019 19:49

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ClientSampleId :

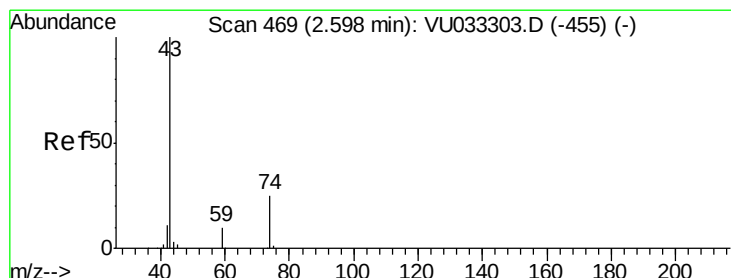
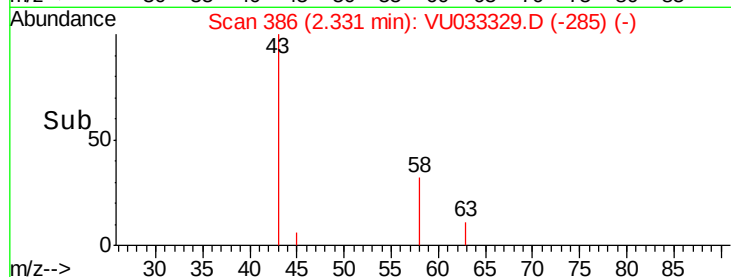
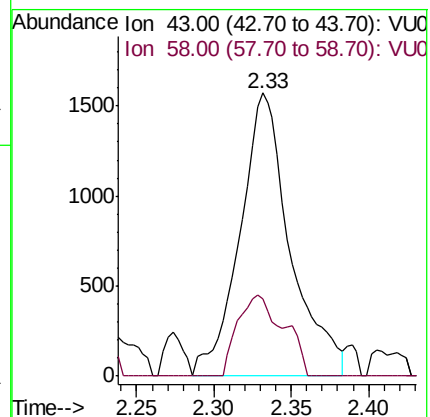
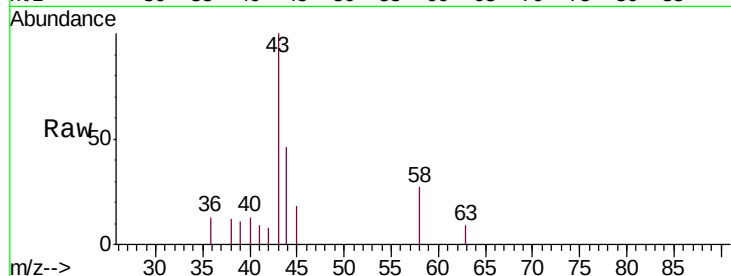
A52H9

Tgt Ion: 43 Resp: 3562

Ion Ratio Lower Upper

43 100

58 21.1 0.0 65.4



#15

Methyl Acetate

Concen: 3.009 ug/L

RT: 2.61 min Scan# 472

Delta R.T. 0.01 min

Lab File: VU033329.D

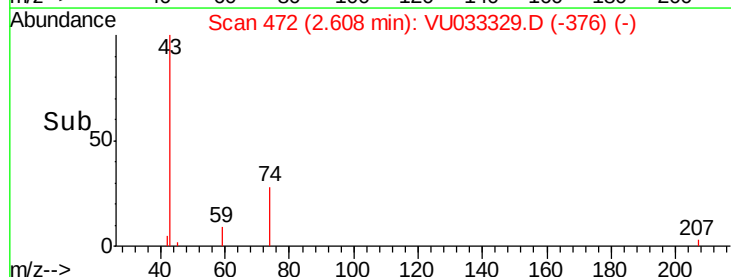
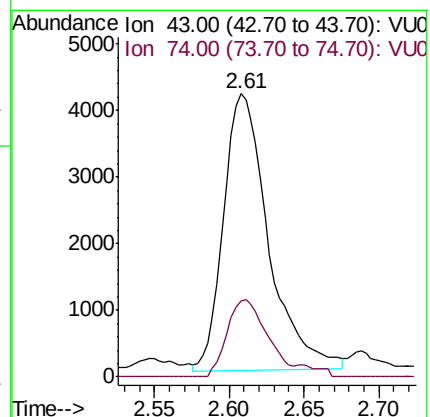
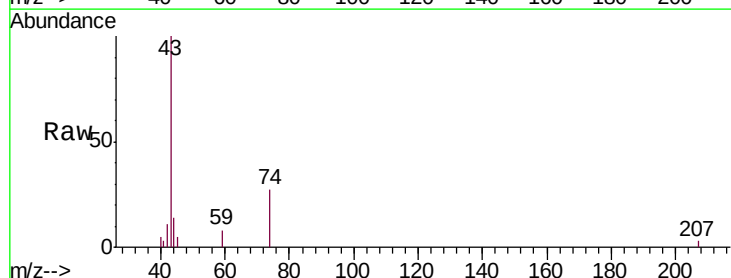
Acq: 18 Jul 2019 19:49

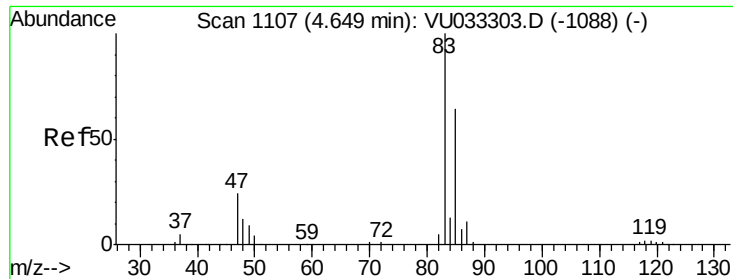
Tgt Ion: 43 Resp: 8702

Ion Ratio Lower Upper

43 100

74 24.9 19.9 29.9

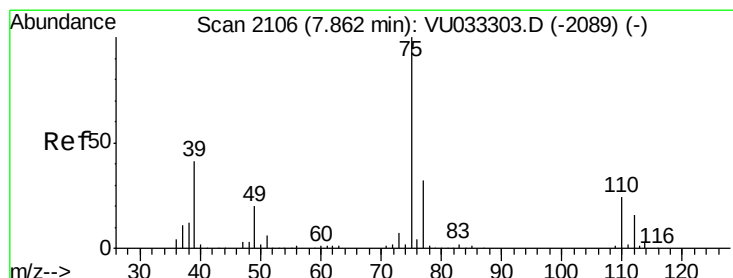
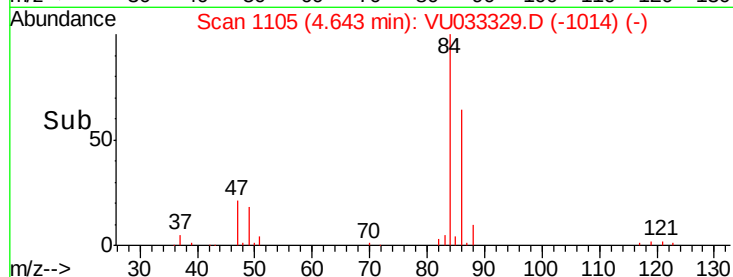
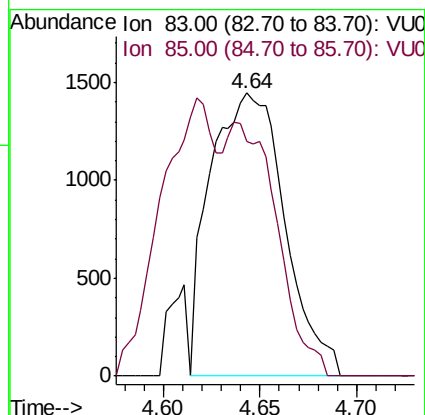
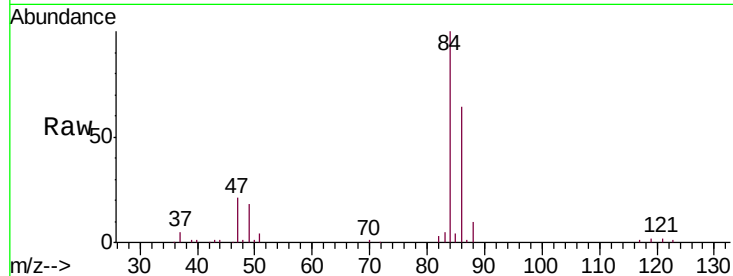




#25
Chloroform
Concen: 0.747 ug/L
RT: 4.64 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VU033329.D
Acq: 18 Jul 2019 19:49

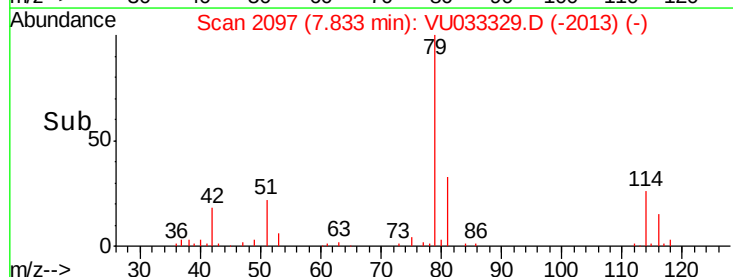
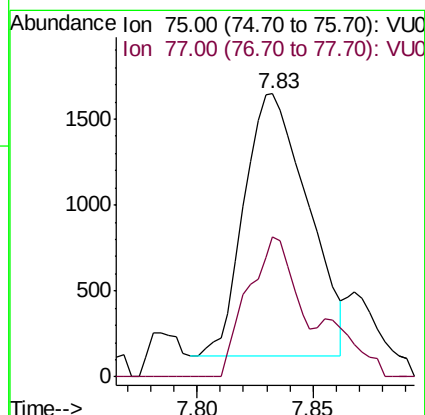
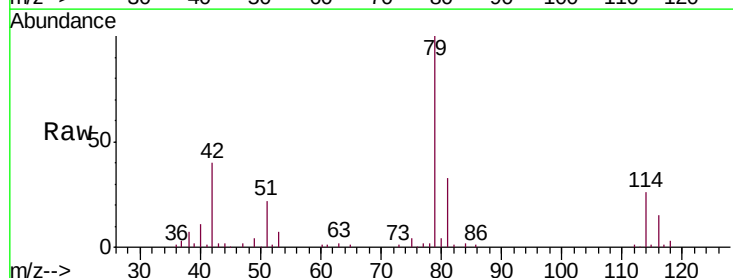
Instrument :
MSVOA_U
ClientSampled :
A52H9

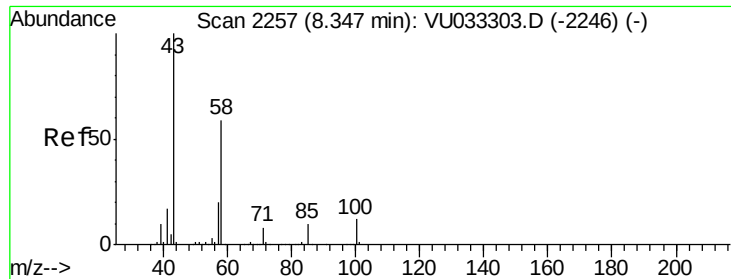
Tgt Ion: 83 Resp: 3891
Ion Ratio Lower Upper
83 100
85 83.1 45.4 84.4



#44
trans-1,3-Dichloropropene
Concen: 0.741 ug/L
RT: 7.83 min Scan# 2097
Delta R.T. -0.03 min
Lab File: VU033329.D
Acq: 18 Jul 2019 19:49

Tgt Ion: 75 Resp: 2930
Ion Ratio Lower Upper
75 100
77 49.7 22.4 41.6#





#48

2-Hexanone

Concen: 5.649 ug/L

RT: 8.31 min Scan# 2244

Delta R.T. -0.04 min

Lab File: VU033329.D

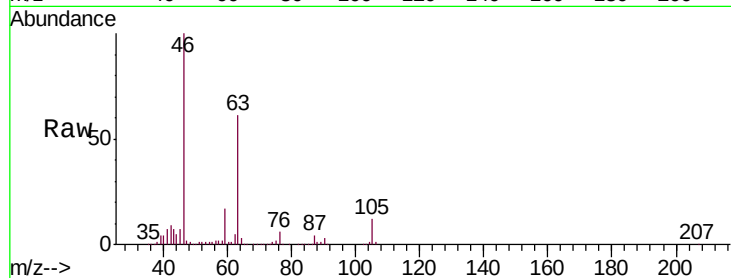
Acq: 18 Jul 2019 19:49

Instrument :

MSVOA_U

ClientSampleId :

A52H9



Tgt Ion: 43 Resp: 17653

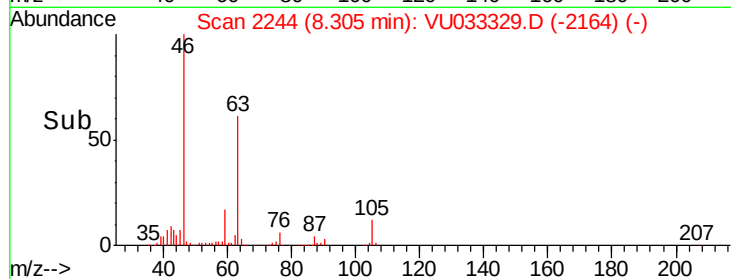
Ion Ratio Lower Upper

43 100

58 27.4 46.1 69.1#

57 26.3 15.8 23.8#

100 0.0 9.4 14.2#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

