

Data File : VU033642.D
Acq On : 08 Aug 2019 17:01
Operator : JC/SP
Sample : K4161-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOF9

Quant Time: Aug 09 07:43:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 07:39:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	248995	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	255670	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	114862	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	158496	56.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	112.78%
7) Chloroethane-d5	1.67	69	131398	55.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.46%
11) 1,1-Dichloroethene-d2	2.26	63	201143	44.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.54%
21) 2-Butanone-d5	4.15	46	205249	99.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.71%
24) Chloroform-d	4.62	84	229856	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.70%
26) 1,2-Dichloroethane-d4	5.29	65	162357	54.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.10%
32) Benzene-d6	5.32	84	518985	54.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.86%
36) 1,2-Dichloropropane-d6	6.31	67	164637	54.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.62%
41) Toluene-d8	7.55	98	465158	52.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.54%
43) trans-1,3-Dichloropropene-	7.83	79	77617	52.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.62%
47) 2-Hexanone-d5	8.29	63	154983	102.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.11%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	242019	51.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.06%
64) 1,2-Dichlorobenzene-d4	11.85	152	177672	56.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.24%

Target Compounds

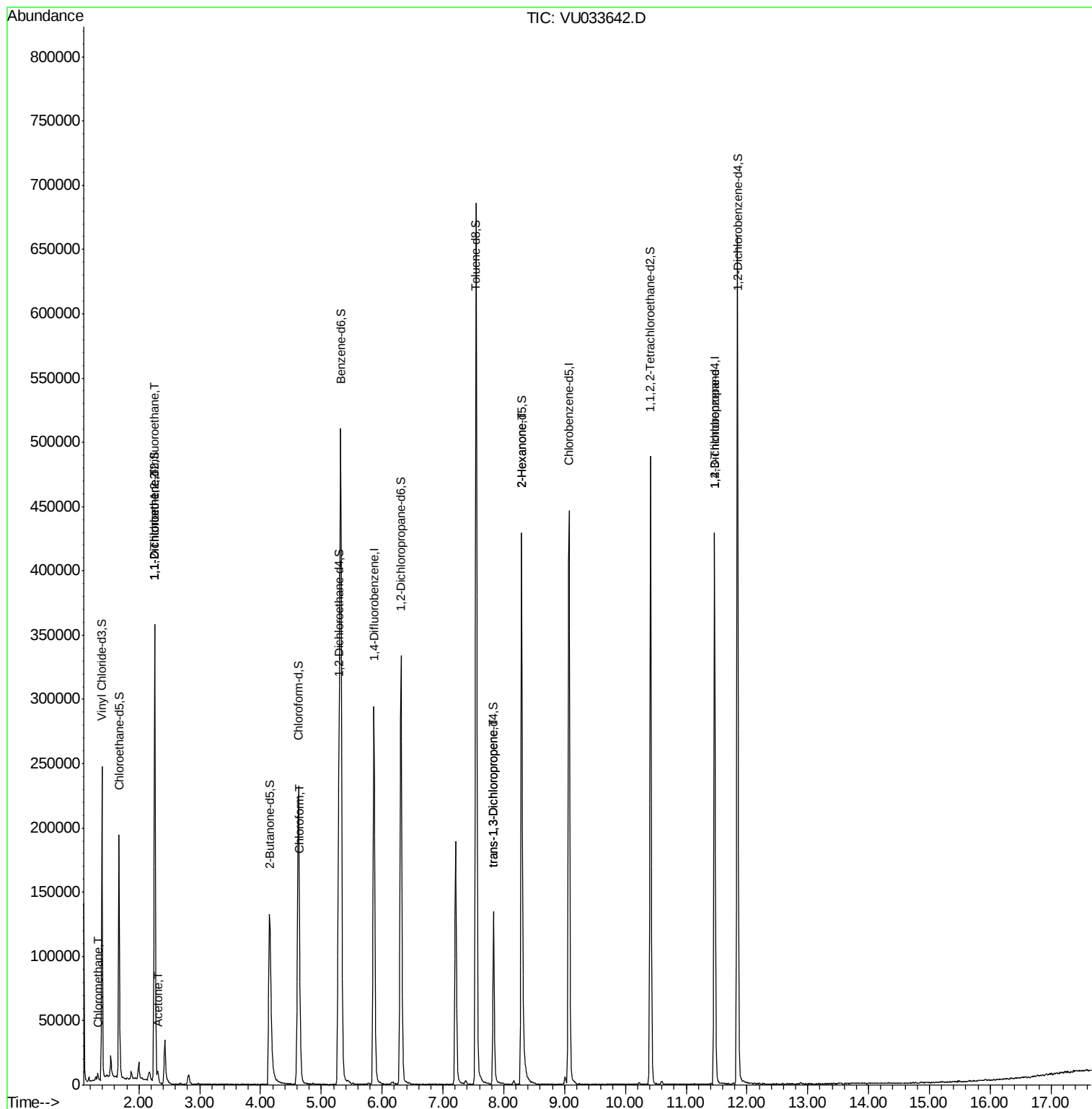
					Qvalue
3) Chloromethane	1.32	50	3969	1.588 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2068	1.121 ug/L #	19
12) 1,1-Dichloroethene	2.25	96	1570	0.891 ug/L #	1
13) Acetone	2.31	43	8173	5.836 ug/L	95
25) Chloroform	4.65	83	20658	5.508 ug/L	95
44) trans-1,3-Dichloropropene	7.83	75	3392	1.110 ug/L	88
48) 2-Hexanone	8.30	43	18403	7.054 ug/L #	68
59) 1,2,3-Trichloropropane	11.47	75	13711	4.603 ug/L	90

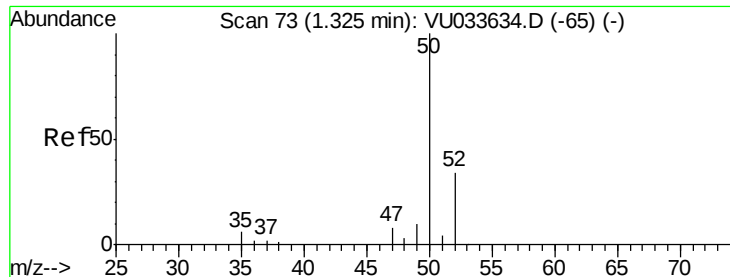
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.588 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU033642.D

Acq: 08 Aug 2019 17:01

Instrument :

MSVOA_U

ClientSampleId :

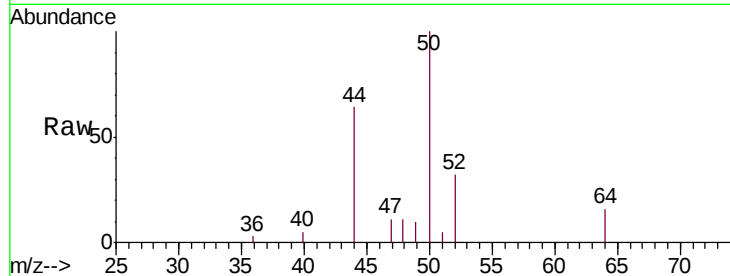
ETOF9

Tgt Ion: 50 Resp: 3969

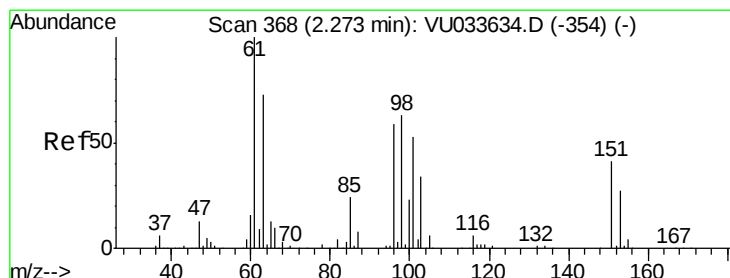
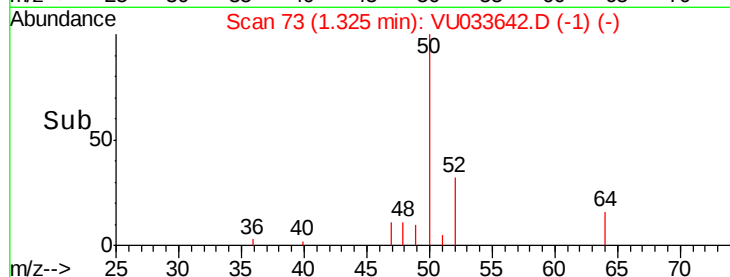
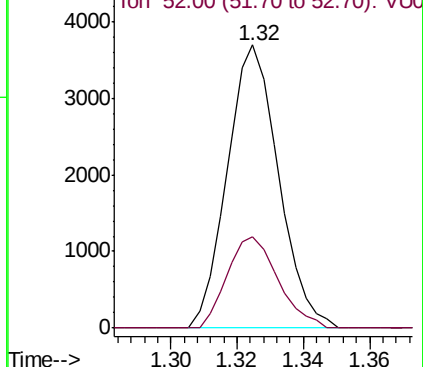
Ion Ratio Lower Upper

50 100

52 32.2 23.3 43.3



Abundance Ion 50.00 (49.70 to 50.70): VU033642.D (-1) (-)



#10

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

Concen: 1.121 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU033642.D

Acq: 08 Aug 2019 17:01

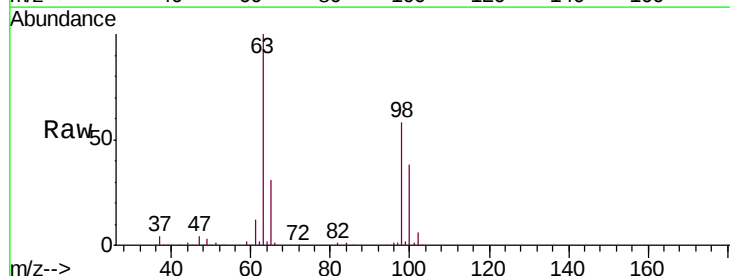
Tgt Ion: 101 Resp: 2068

Ion Ratio Lower Upper

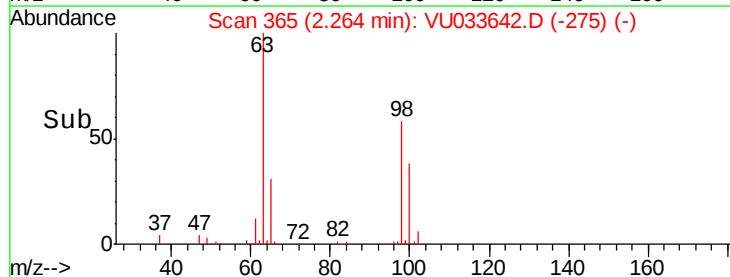
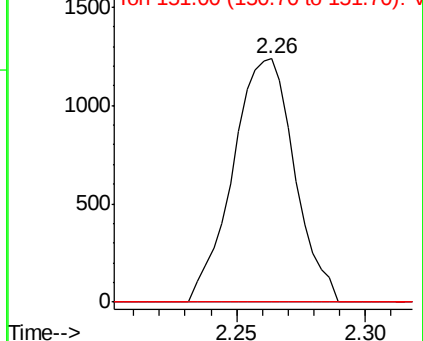
101 100

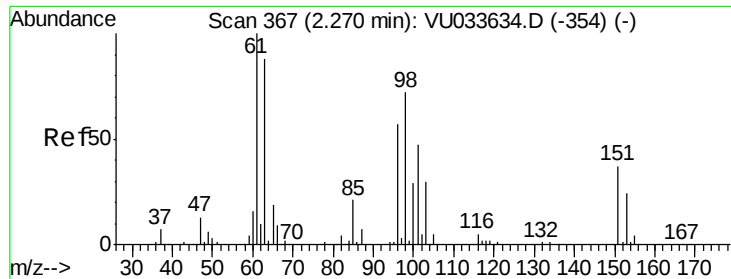
85 0.0 34.8 52.2#

151 0.0 60.4 90.6#



Abundance Ion 101.00 (100.70 to 101.70): VU033642.D (-275) (-)





#12

1,1-Dichloroethene

Concen: 0.891 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

Lab File: VU033642.D

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Instrument :

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ClientSampleId :

ETOF9

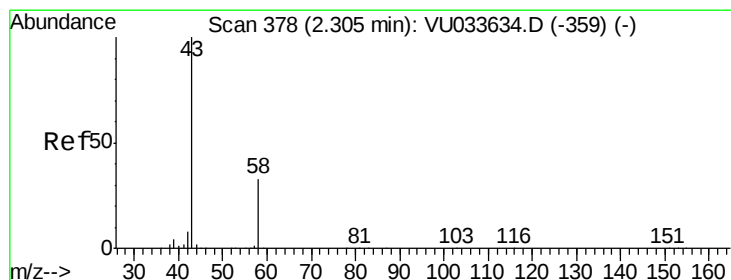
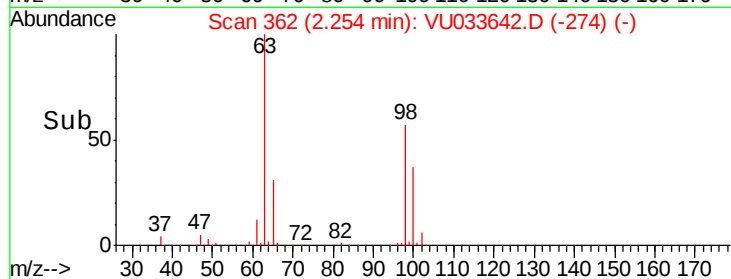
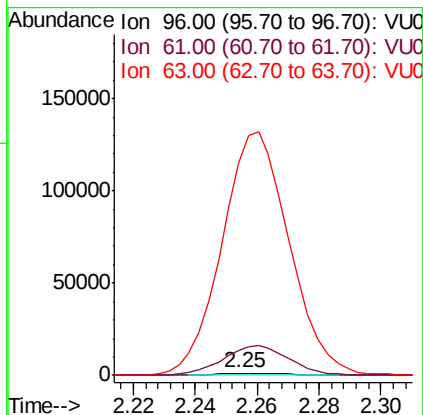
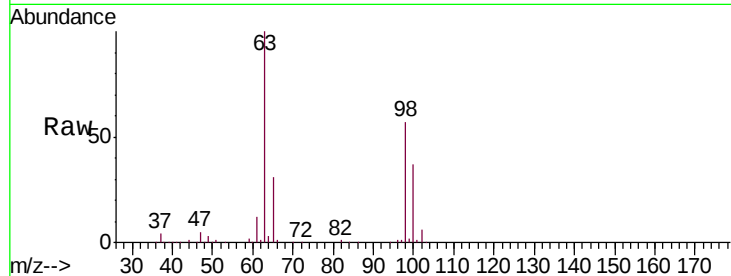
Tgt Ion: 96 Resp: 1570

Ion Ratio Lower Upper

96 100

61 1336.8 124.0 230.2#

63 11515.5 114.9 213.5#



#13

Acetone

Concen: 5.836 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU033642.D

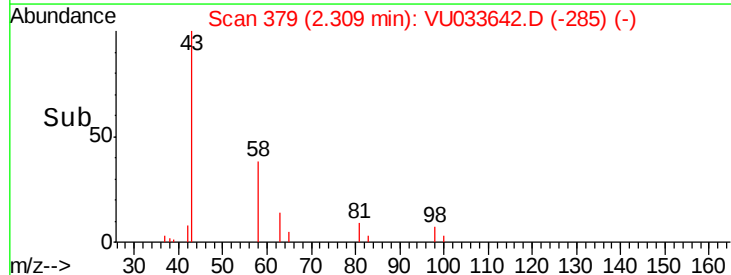
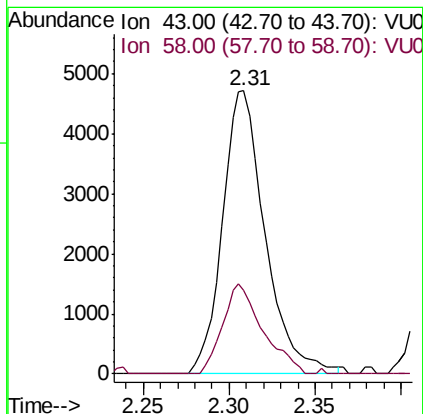
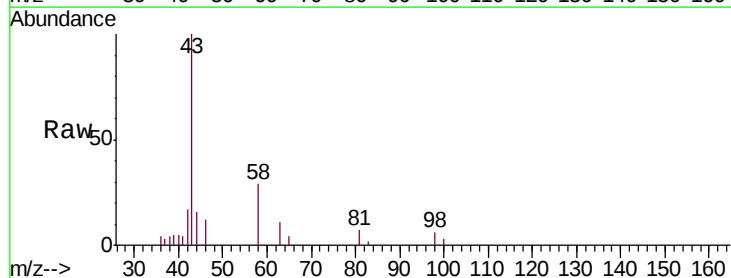
Acq: 08 Aug 2019 17:01

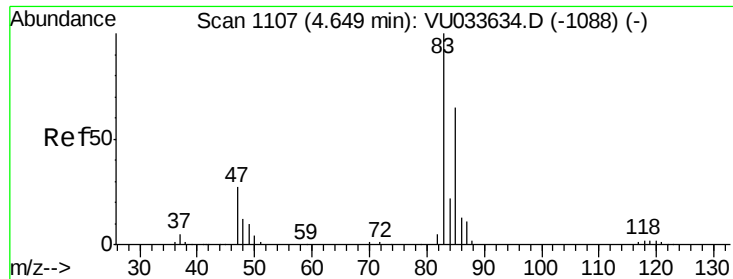
Tgt Ion: 43 Resp: 8173

Ion Ratio Lower Upper

43 100

58 29.8 0.0 65.0

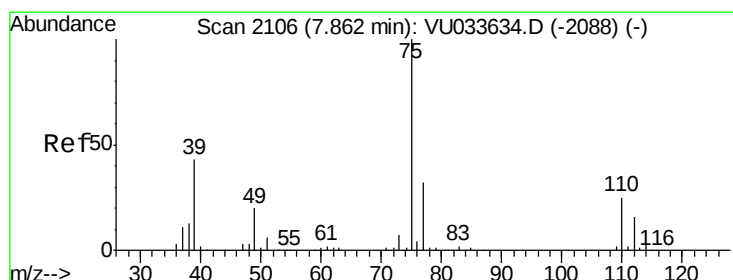
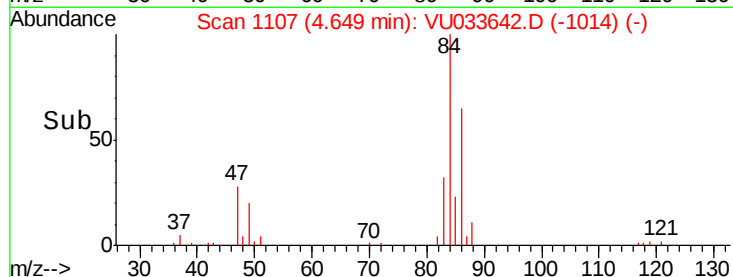
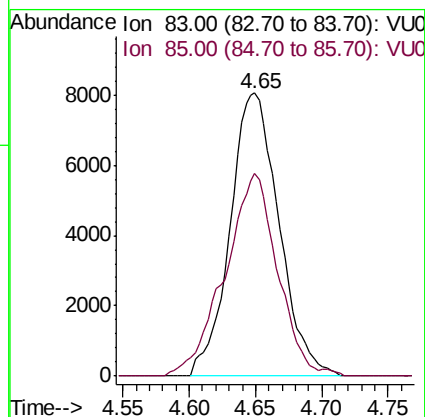
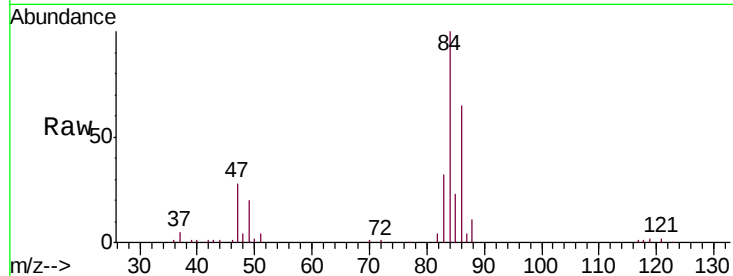




#25
Chloroform
Concen: 5.508 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU033642.D
Acq: 08 Aug 2019 17:01

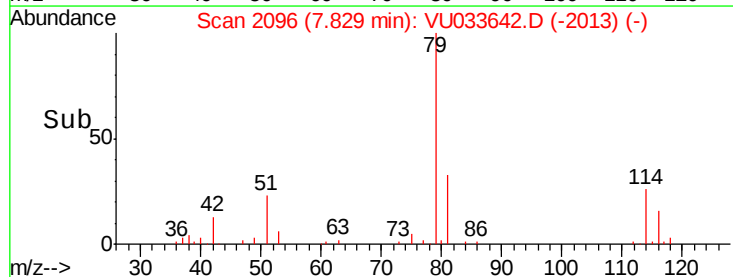
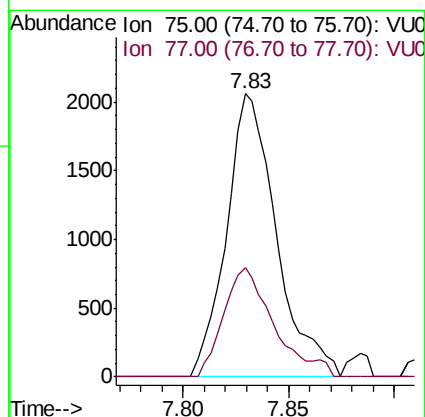
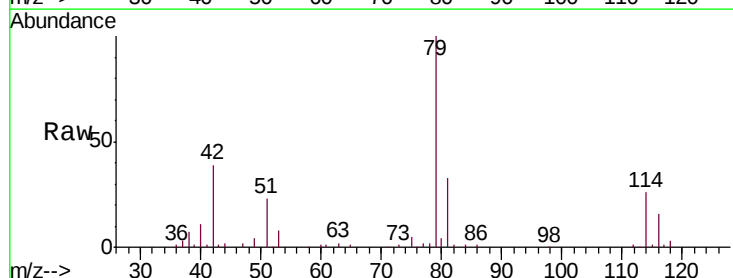
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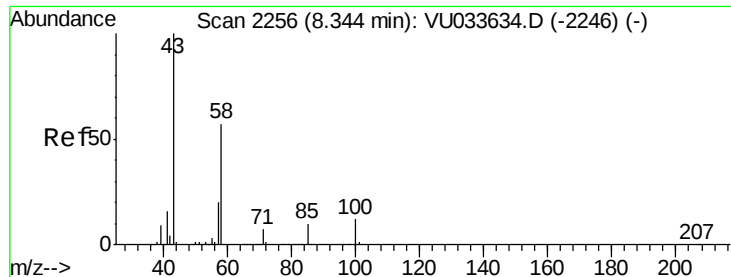
Tgt Ion: 83 Resp: 20658
Ion Ratio Lower Upper
83 100
85 71.5 47.2 87.6



#44
trans-1,3-Dichloropropene
Concen: 1.110 ug/L
RT: 7.83 min Scan# 2096
Delta R.T. -0.03 min
Lab File: VU033642.D
Acq: 08 Aug 2019 17:01

Tgt Ion: 75 Resp: 3392
Ion Ratio Lower Upper
75 100
77 38.5 22.3 41.3

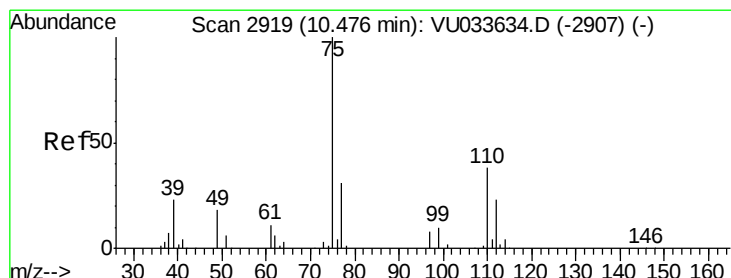
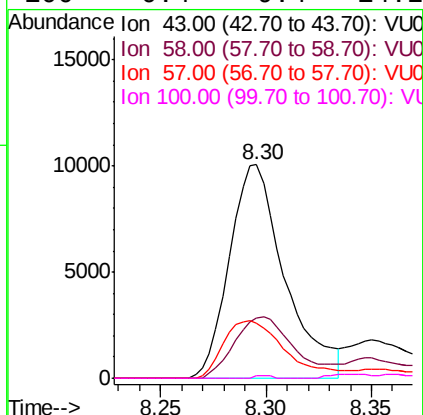
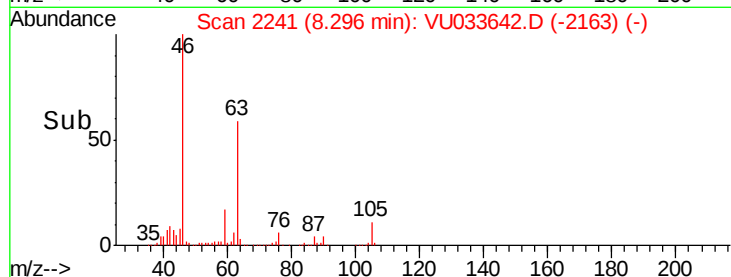
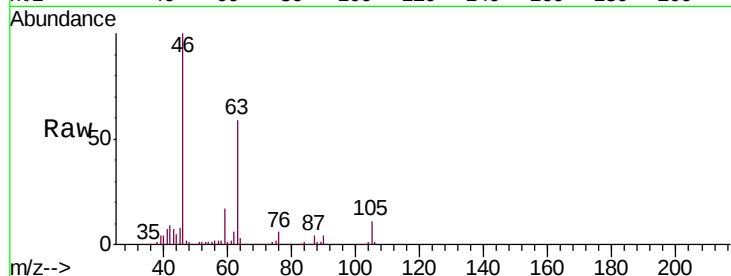




#48
 2-Hexanone
 Concen: 7.054 ug/L
 RT: 8.30 min Scan# 2241
 Delta R.T. -0.05 min
 Lab File: VU033642.D
 Acq: 08 Aug 2019 17:01

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOF9

Tgt Ion:	43	Resp:	18403
Ion	Ratio	Lower	Upper
43	100		
58	29.9	44.8	67.2#
57	30.3	15.5	23.3#
100	0.4	9.4	14.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.603 ug/L
 RT: 11.47 min Scan# 3228
 Delta R.T. 0.99 min
 Lab File: VU033642.D
 Acq: 08 Aug 2019 17:01

Tgt Ion:	75	Resp:	13711
Ion	Ratio	Lower	Upper
75	100		
77	37.7	25.5	38.3

