

Data File : VU030548.D
Acq On : 29 Mar 2019 17:45
Operator : JC/SP
Sample : K2128-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Mar 30 02:15:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 02:12:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	357428	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	353569	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	138853	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	146658	50.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.96%
7) Chloroethane-d5	1.67	69	123152	54.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.02%
11) 1,1-Dichloroethene-d2	2.27	63	216212	39.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.24%
21) 2-Butanone-d5	4.18	46	290843	107.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.56%
24) Chloroform-d	4.64	84	264347	53.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.68%
26) 1,2-Dichloroethane-d4	5.31	65	189980	58.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.16%
32) Benzene-d6	5.34	84	538181	53.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.16%
36) 1,2-Dichloropropane-d6	6.33	67	196769	56.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.44%
41) Toluene-d8	7.56	98	466666	51.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.50%
43) trans-1,3-Dichloropropene-	7.85	79	86126	52.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.60%
47) 2-Hexanone-d5	8.31	63	183024	97.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	268337	54.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	157171	56.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.98%

Target Compounds

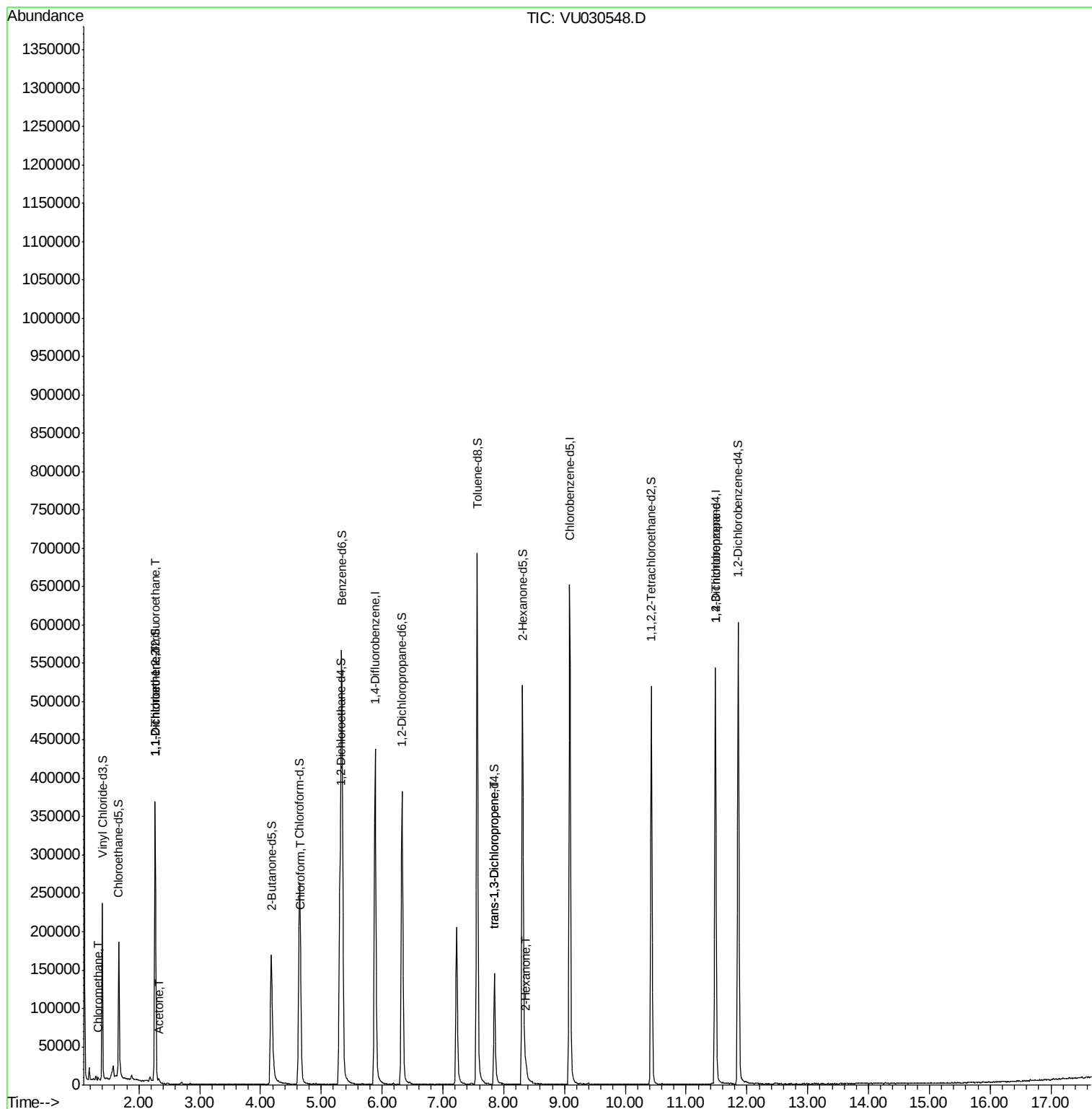
					Qvalue
3) Chloromethane	1.33	50	2970	0.673 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2011	0.771 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1631	0.638 ug/L #	1
13) Acetone	2.32	43	1683	0.615 ug/L	77
25) Chloroform	4.67	83	3893	0.744 ug/L	90
44) trans-1,3-Dichloropropene	7.85	75	3547	0.821 ug/L #	82
48) 2-Hexanone	8.36	43	12317	2.619 ug/L #	83
59) 1,2,3-Trichloropropane	11.48	75	19320	4.647 ug/L	95

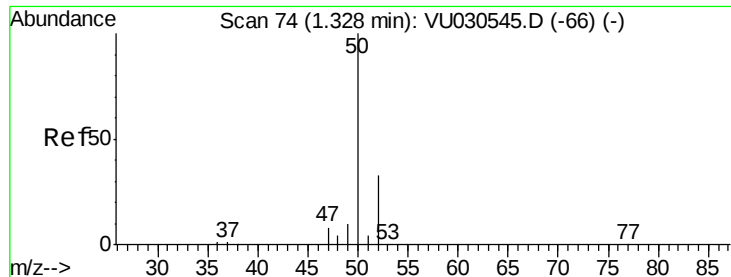
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.673 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU030548.D

Acq: 29 Mar 2019 17:45

Instrument :

MSVOA_U

ClientSampleId :

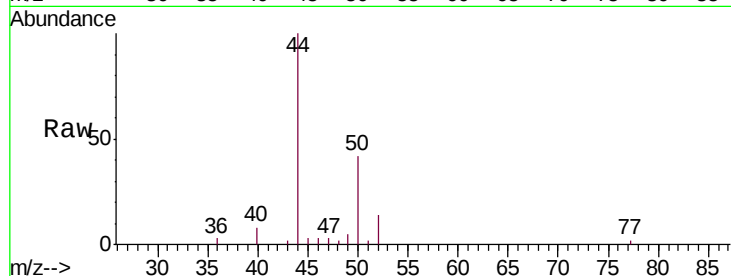
VHBLK01

Tgt Ion: 50 Resp: 2970

Ion Ratio Lower Upper

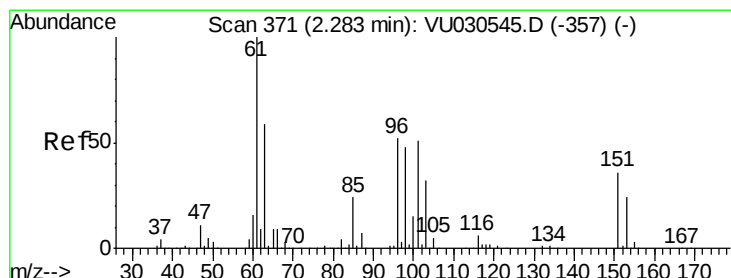
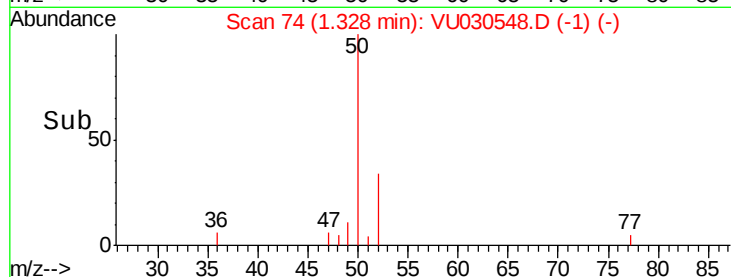
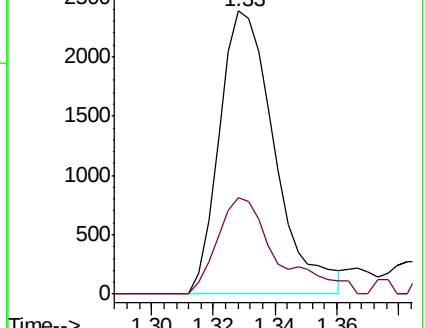
50 100

52 34.0 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU030548.D (-66) (-)

Ion 52.00 (51.70 to 52.70): VU030548.D (-66) (-)



#10

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

Concen: 0.771 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030548.D

Acq: 29 Mar 2019 17:45

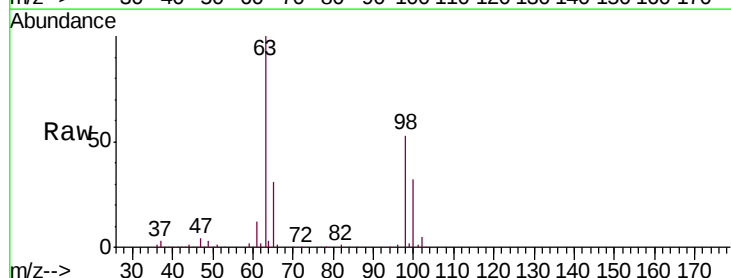
Tgt Ion: 101 Resp: 2011

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

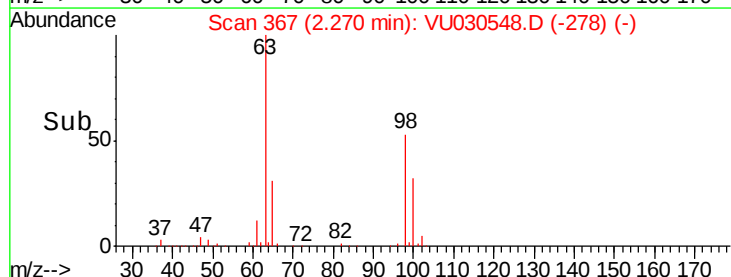
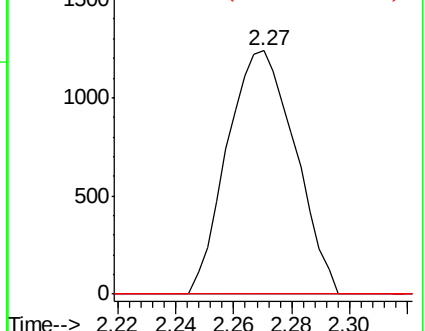
151 0.0 56.6 85.0#

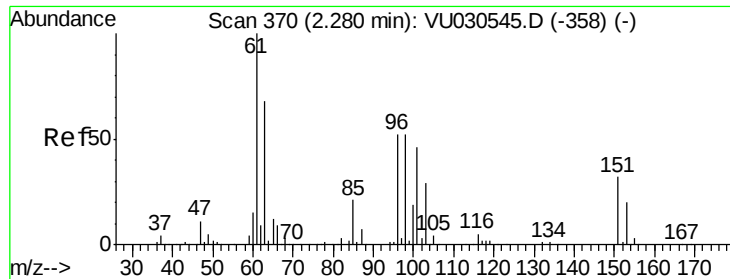


Abundance Ion 101.00 (100.70 to 101.70): VU030548.D (-357) (-)

Ion 85.00 (84.70 to 85.70): VU030548.D (-357) (-)

Ion 151.00 (150.70 to 151.70): VU030548.D (-357) (-)





#12

1,1-Dichloroethene

Concen: 0.638 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030548.D

Acq: 29 Mar 2019 17:45

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

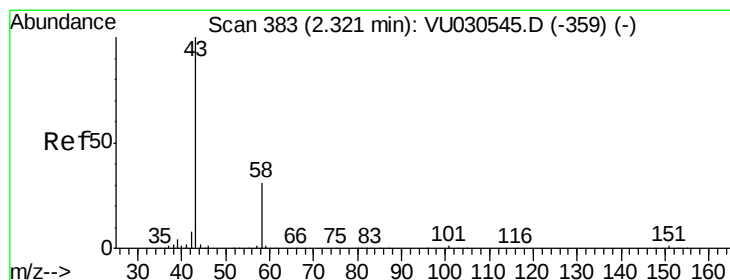
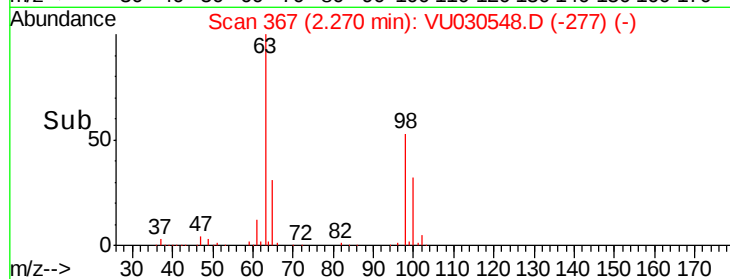
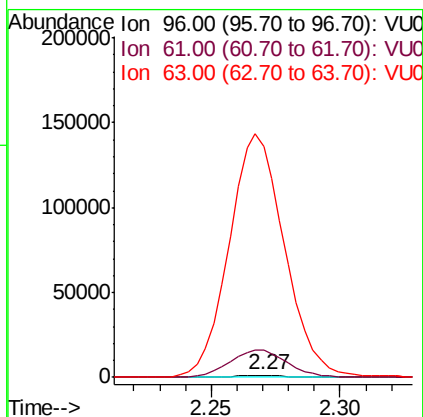
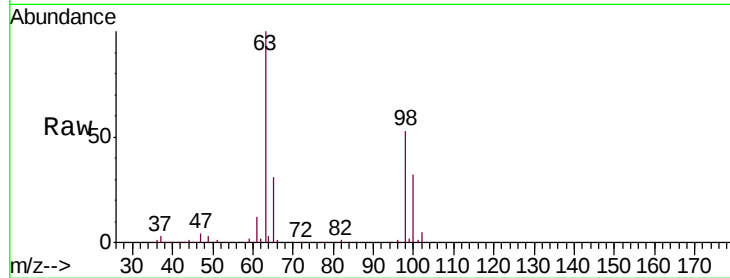
Tgt Ion: 96 Resp: 1631

Ion Ratio Lower Upper

96 100

61 1491.5 131.0 243.4#

63 12878.7 92.4 171.6#



#13

Acetone

Concen: 0.615 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030548.D

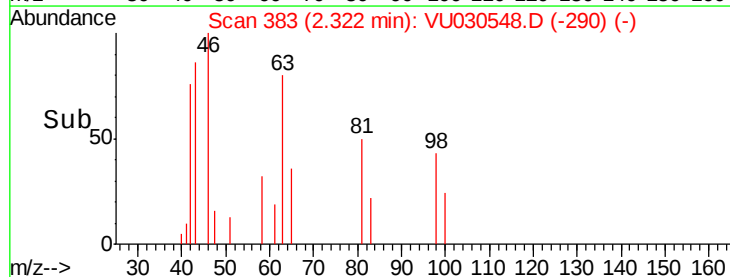
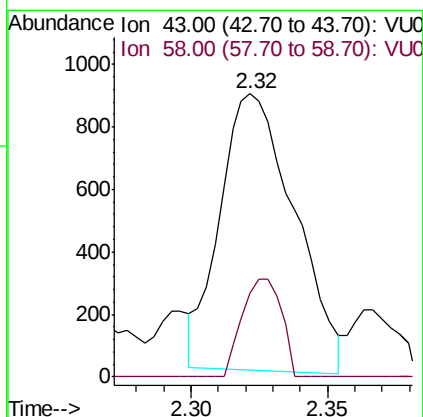
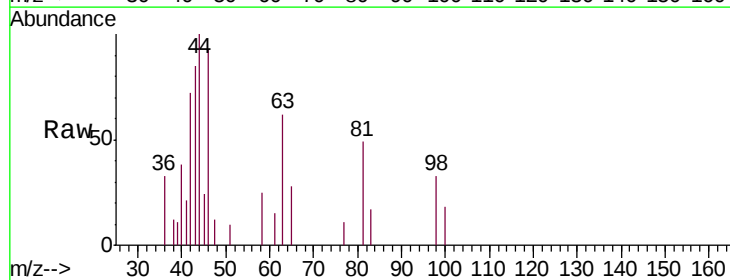
Acq: 29 Mar 2019 17:45

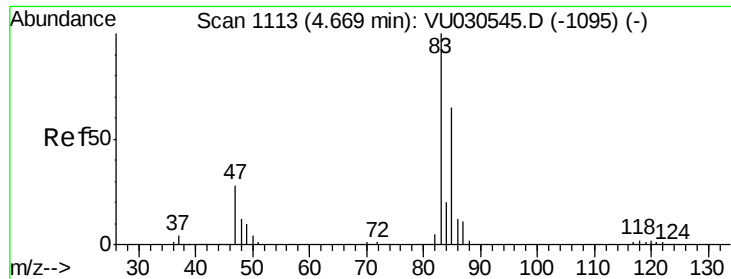
Tgt Ion: 43 Resp: 1683

Ion Ratio Lower Upper

43 100

58 18.5 0.0 62.8

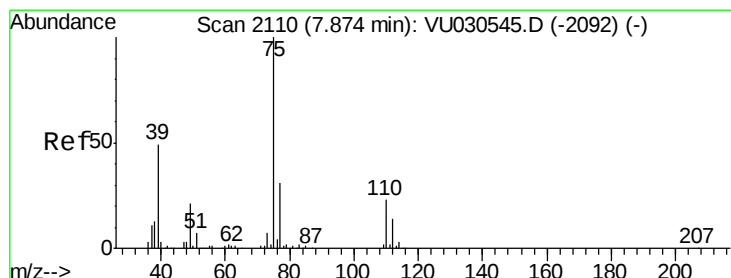
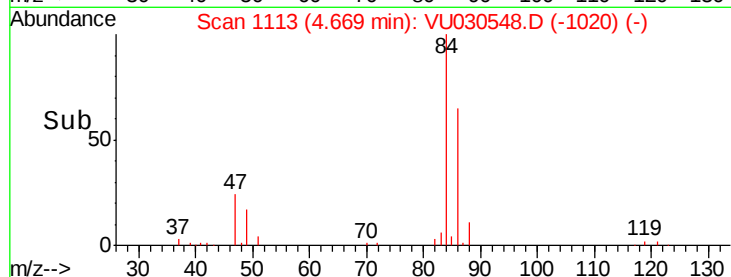
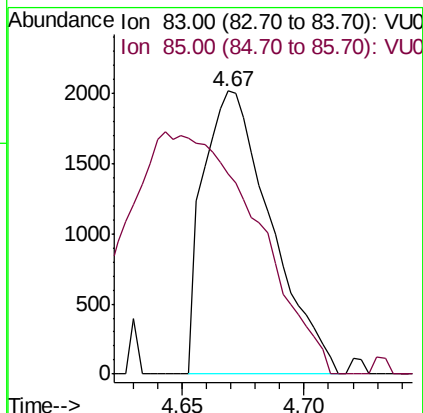
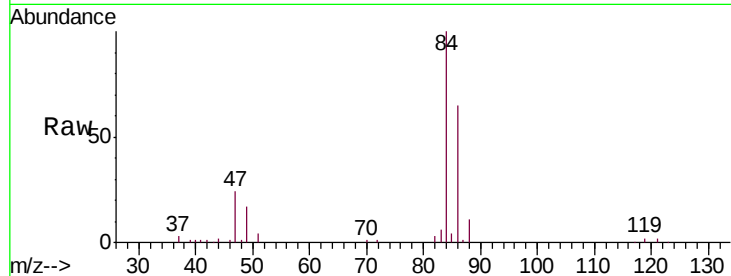




#25
Chloroform
Concen: 0.744 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU030548.D
Acq: 29 Mar 2019 17:45

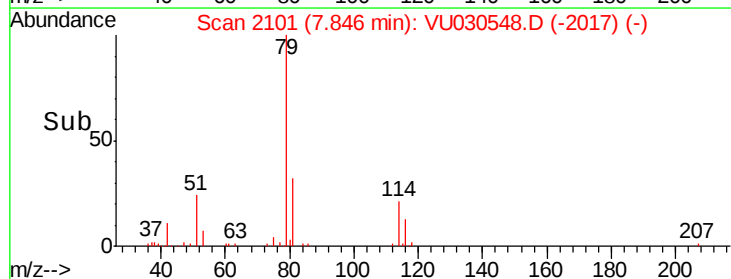
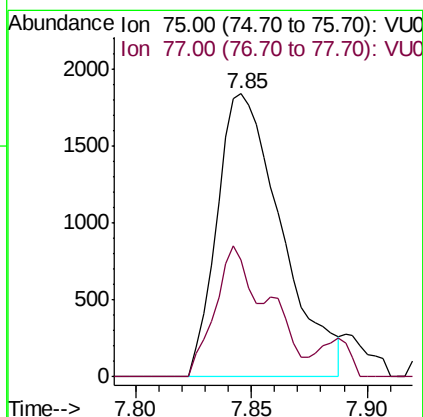
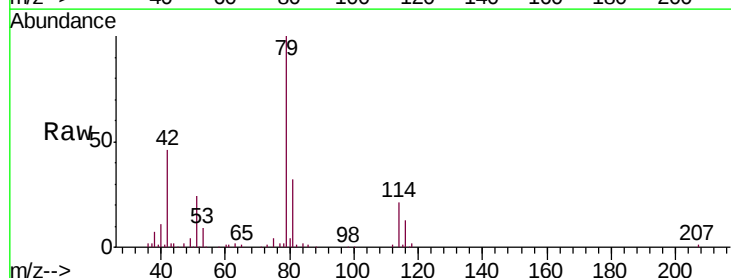
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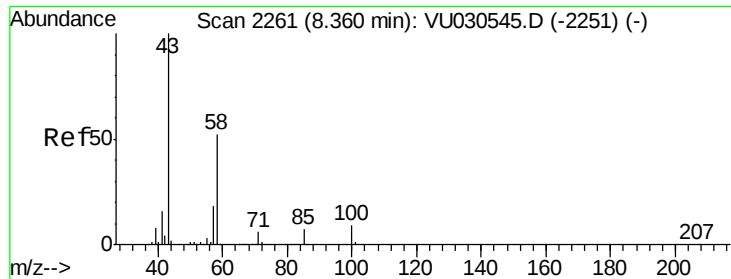
Tgt Ion: 83 Resp: 3893
Ion Ratio Lower Upper
83 100
85 70.9 44.4 82.4



#44
trans-1,3-Dichloropropene
Concen: 0.821 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030548.D
Acq: 29 Mar 2019 17:45

Tgt Ion: 75 Resp: 3547
Ion Ratio Lower Upper
75 100
77 41.3 22.0 40.8#

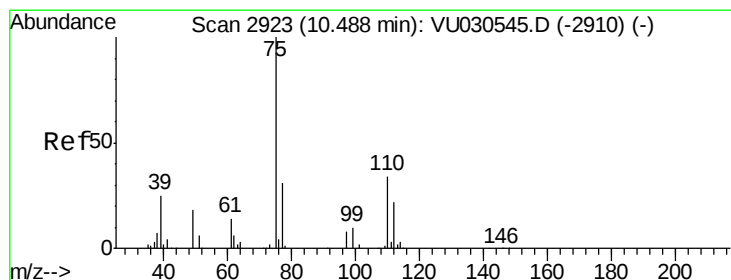
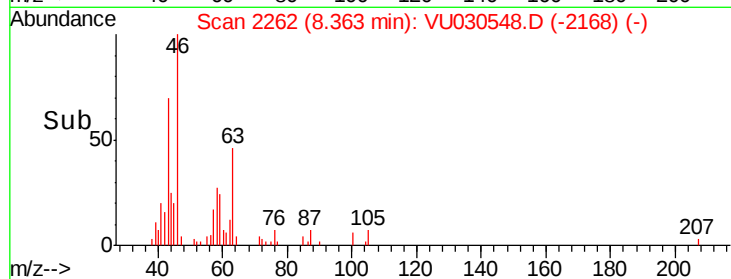
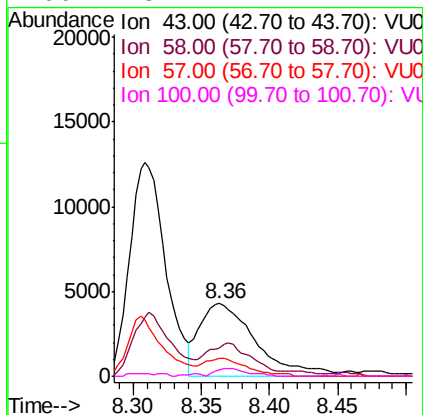
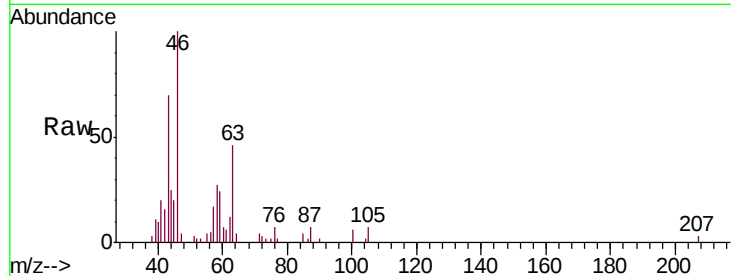




#48
2-Hexanone
Concen: 2.619 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU030548.D
Acq: 29 Mar 2019 17:45

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VHBLK01

Tgt Ion:	43	Resp:	12317
Ion	Ratio	Lower	Upper
43	100		
58	38.0	42.5	63.7#
57	16.2	15.0	22.6
100	5.1	7.4	11.2#



#59
1,2,3-Trichloropropane
Concen: 4.647 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030548.D
Acq: 29 Mar 2019 17:45

Tgt Ion:	75	Resp:	19320
Ion	Ratio	Lower	Upper
75	100		
77	34.7	25.4	38.2

