

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031074.D
 Acq On : 11 Apr 2019 17:22
 Operator : JC/SP
 Sample : K2341-17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB744

Quant Time: Apr 12 04:49:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:43:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	472045	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	461196	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	197055	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	155055	36.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.60%
7) Chloroethane-d5	1.68	69	137739	43.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.14%
11) 1,1-Dichloroethene-d2	2.27	63	233238	30.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.20%
21) 2-Butanone-d5	4.17	46	346250	103.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.68%
24) Chloroform-d	4.64	84	315178	48.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.92%
26) 1,2-Dichloroethane-d4	5.31	65	219702	50.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.04%
32) Benzene-d6	5.34	84	610844	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.74%
36) 1,2-Dichloropropane-d6	6.32	67	218462	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.70%
41) Toluene-d8	7.56	98	518443	43.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.88%
43) trans-1,3-Dichloropropene-	7.85	79	92608	44.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.04%
47) 2-Hexanone-d5	8.31	63	198481	94.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.12%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	313313	50.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	201564	52.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.02%

Target Compounds

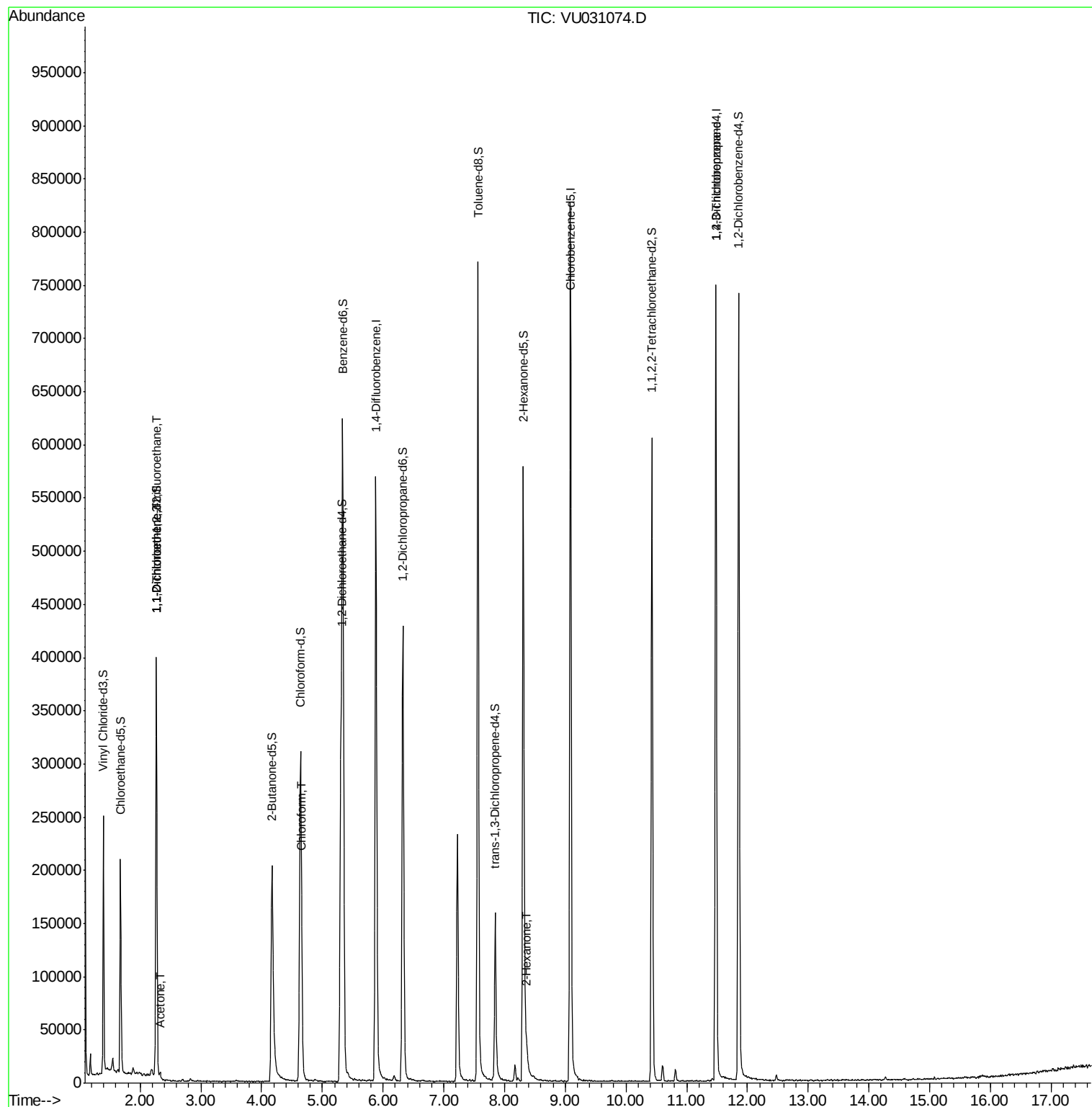
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2052	0.607 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1899	0.582 ug/L #	1
13) Acetone	2.32	43	4176	1.222 ug/L	90
25) Chloroform	4.67	83	11101	1.545 ug/L	94
48) 2-Hexanone	8.36	43	10468	1.952 ug/L #	65
59) 1,2,3-Trichloropropane	11.48	75	25795	5.040 ug/L	96

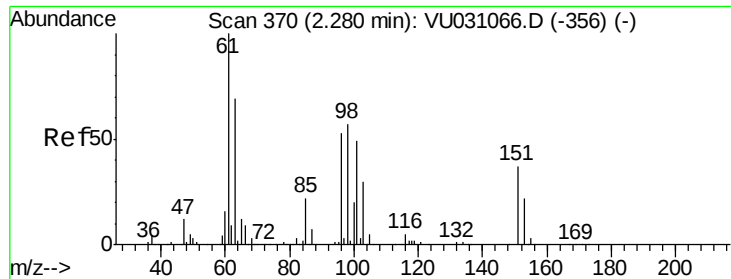
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.607 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031074.D

Acq: 11 Apr 2019 17:22

Instrument :

MSVOA_U

ClientSampleId :

DB744

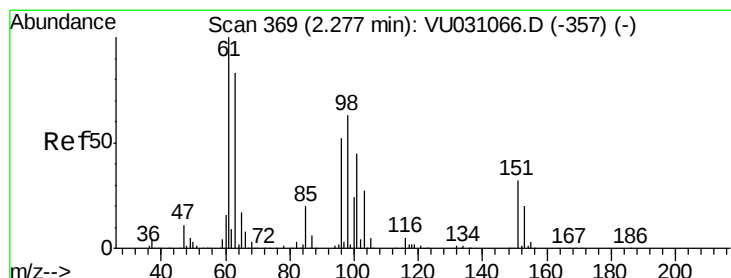
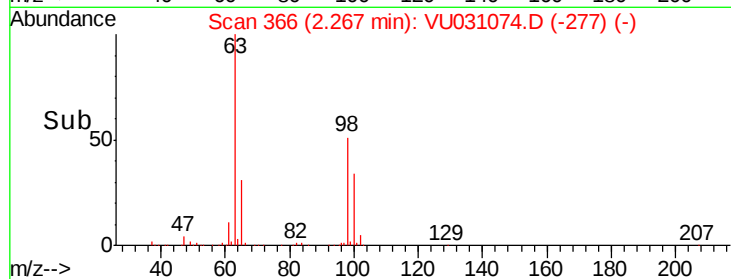
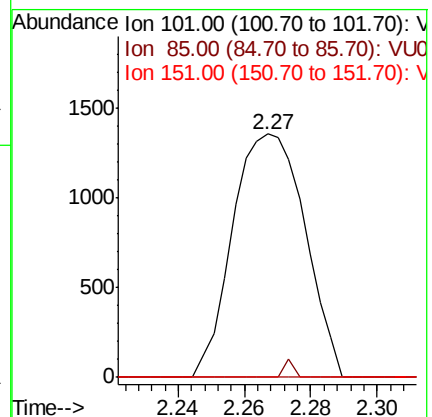
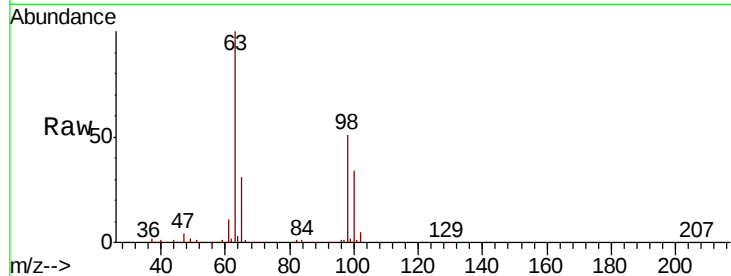
Tot Ion:101 Resp: 2052

Ion Ratio Lower Upper

101 100

85 2.0 36.8 55.2#

151 0.0 57.4 86.0#



#12

1,1-Dichloroethene

Concen: 0.582 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031074.D

Acq: 11 Apr 2019 17:22

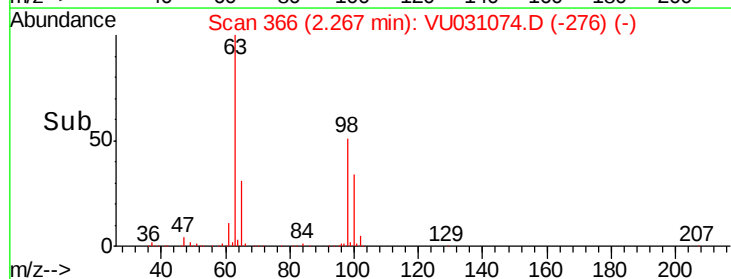
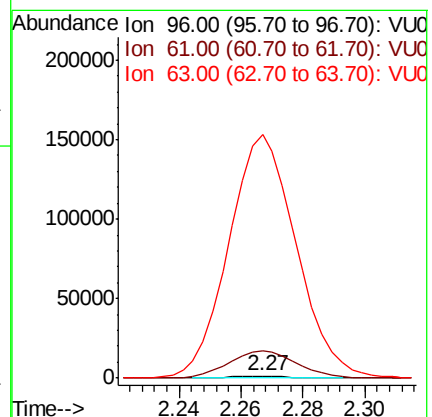
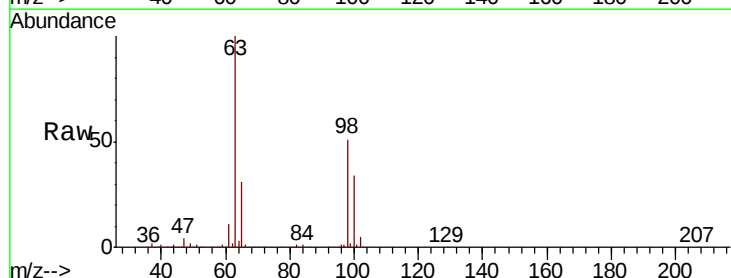
Tgt Ion: 96 Resp: 1899

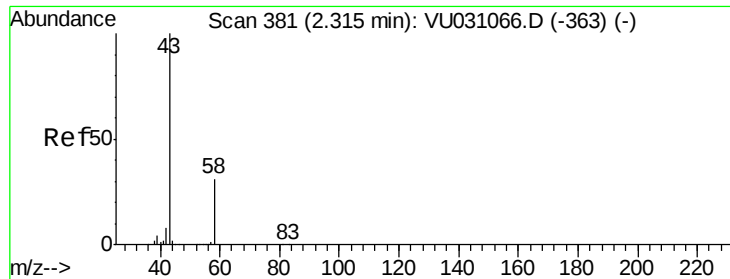
Ion Ratio Lower Upper

96 100

61 1251.6 132.0 245.2#

63 11154.6 90.9 168.9#





#13

Acetone

Concen: 1.222 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU031074.D

Acq: 11 Apr 2019 17:22

Instrument :

MSVOA_U

ClientSampleId :

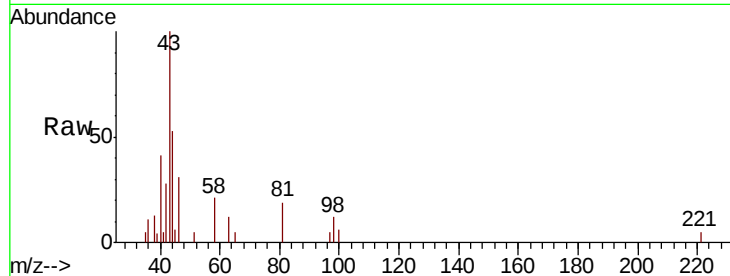
DB744

Tot Ion: 43 Resp: 4176

Ion Ratio Lower Upper

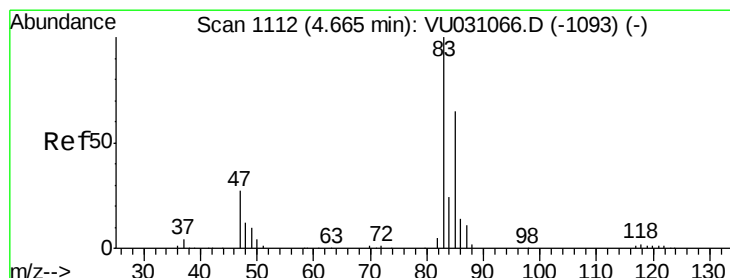
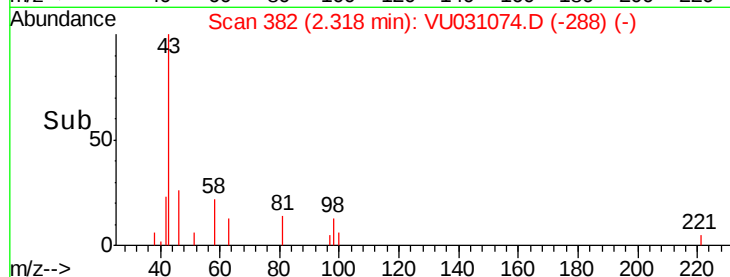
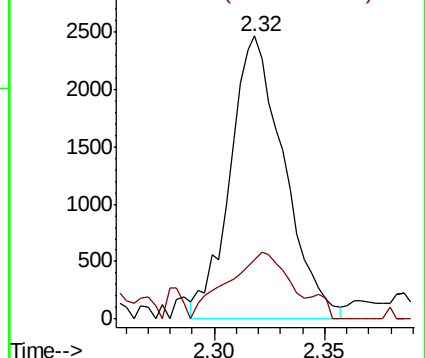
43 100

58 26.3 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031066.D (-363) (-)

Ion 58.00 (57.70 to 58.70): VU031066.D (-363) (-)



#25

Chloroform

Concen: 1.545 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU031074.D

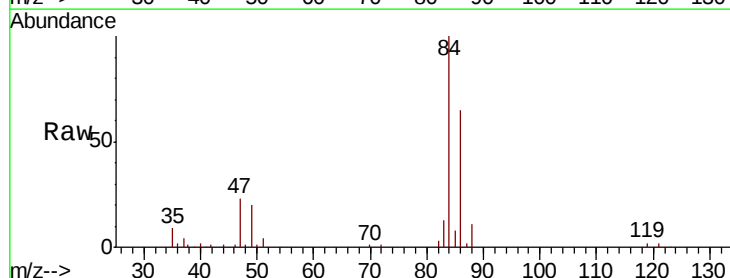
Acq: 11 Apr 2019 17:22

Tgt Ion: 83 Resp: 11101

Ion Ratio Lower Upper

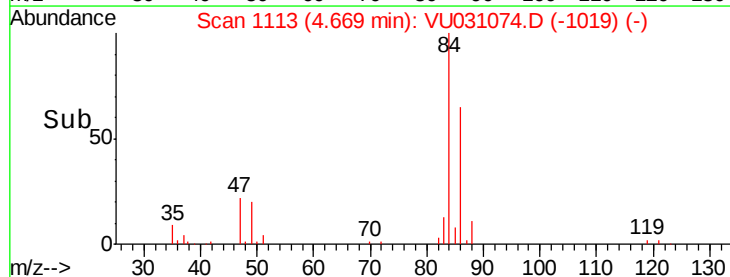
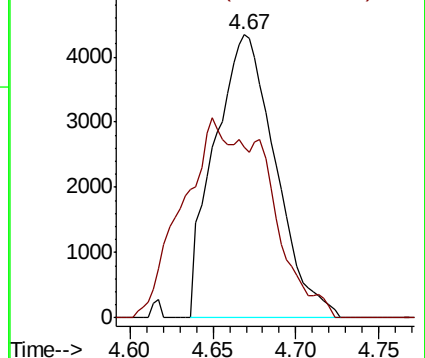
83 100

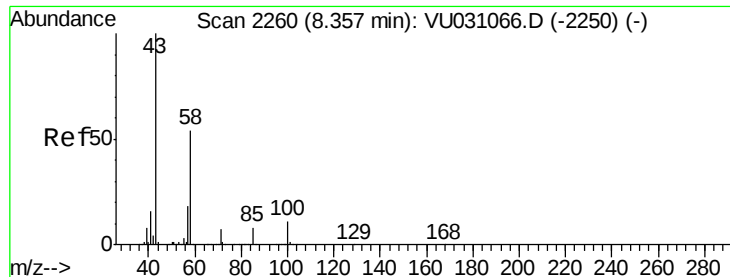
85 60.4 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU031066.D (-1093) (-)

Ion 85.00 (84.70 to 85.70): VU031066.D (-1093) (-)

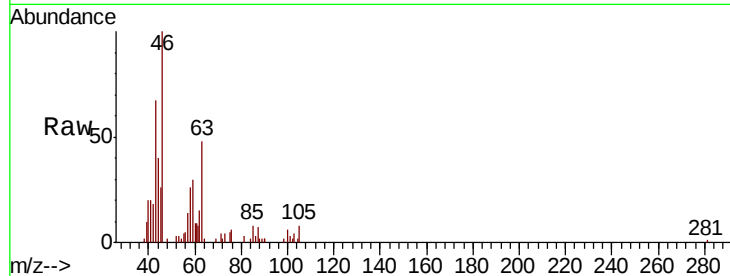




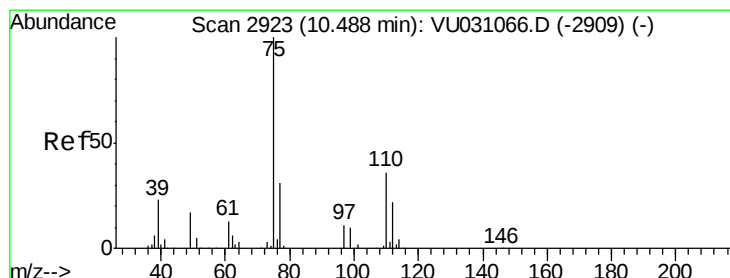
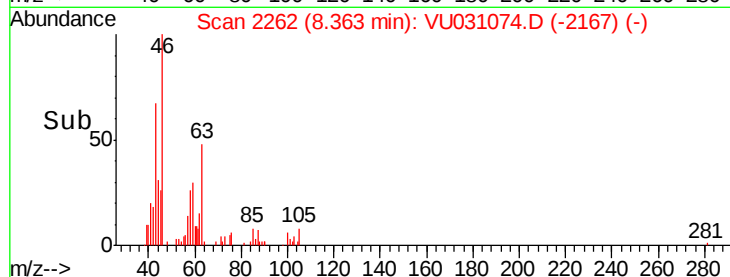
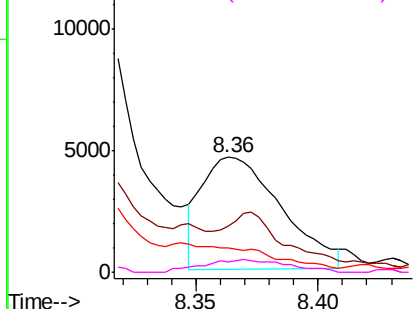
#48
2-Hexanone
Concen: 1.952 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU031074.D
Acq: 11 Apr 2019 17:22

Instrument :
MSVOA_U
ClientSampleId :
DB744

Tot Ion: 43 Resp: 10468
Ion Ratio Lower Upper
43 100
58 26.5 41.9 62.9#
57 0.0 14.3 21.5#
100 4.3 7.1 10.7#

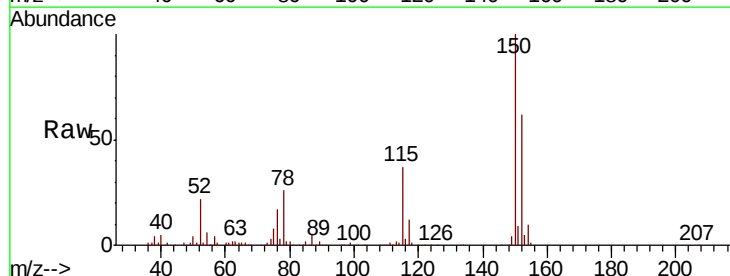


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0
Ion 100.00 (99.70 to 100.70): VU0



#59
1,2,3-Trichloropropane
Concen: 5.040 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU031074.D
Acq: 11 Apr 2019 17:22

Tgt Ion: 75 Resp: 25795
Ion Ratio Lower Upper
75 100
77 35.1 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

