

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040819\
 Data File : VU030871.D
 Acq On : 07 Apr 2019 21:23
 Operator : JC/SP
 Sample : K2284-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZA2

Quant Time: Apr 08 04:43:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Apr 08 04:40:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	234996	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	238896	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	95858	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	112044	6.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	124.80%
7) Chloroethane-d5	1.68	69	93195	6.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	128.80%
11) 1,1-Dichloroethene-d2	2.27	63	168518	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.60%
20) 2-Butanone-d5	4.19	46	302128	65.29	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.58%#
24) Chloroform-d	4.64	84	158856	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.31	65	106326	6.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	131.60%#
32) Benzene-d6	5.33	84	359247	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.00%
36) 1,2-Dichloropropane-d6	6.33	67	123542	5.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.00%
41) Toluene-d8	7.56	98	285174	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	7.85	79	39219	5.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.20%
46) 2-Hexanone-d5	8.31	63	189257	55.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	95481	6.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	126.40%#
64) 1,2-Dichlorobenzene-d4	11.86	152	96816	6.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.80%#

Target Compounds

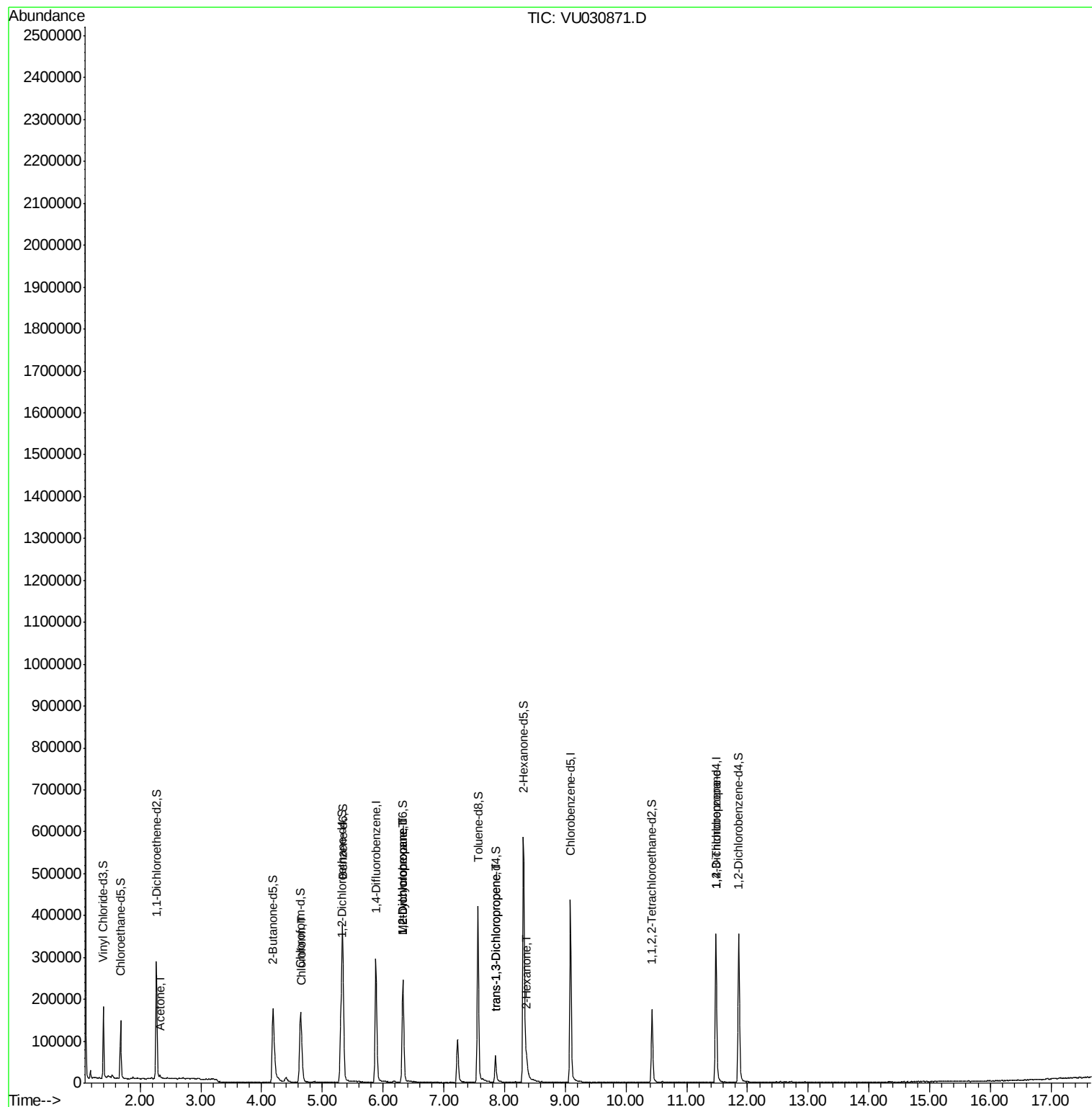
					Qvalue
13) Acetone	2.32	43	4394	1.228	ug/L 83
25) Chloroform	4.67	83	29265	0.838	ug/L 94
35) Methylcyclohexane	6.33	83	26177	0.811	ug/L # 14
37) 1,2-Dichloropropane	6.33	63	14001	0.630	ug/L # 90
44) trans-1,3-Dichloropropene	7.85	75	1877	0.082	ug/L 89
48) 2-Hexanone	8.37	43	23958	2.492	ug/L # 92
59) 1,2,3-Trichloropropane	11.48	75	11838	0.953	ug/L # 82

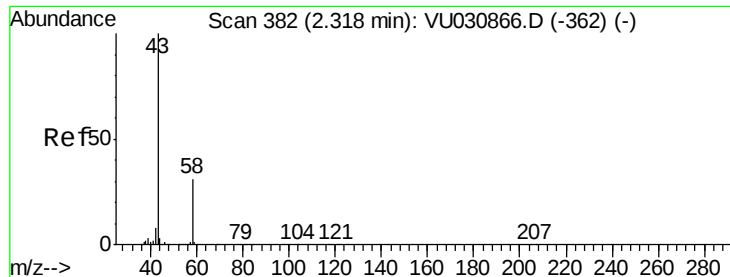
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Apr 08 04:40:32 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.228 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.04 min

Lab File: VU030871.D

Acq: 07 Apr 2019 21:23

Instrument :

MSVOA_U

ClientSampleId :

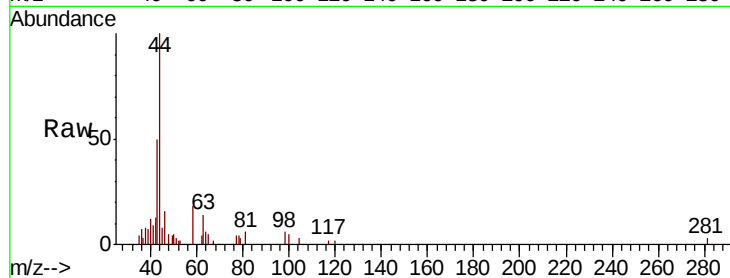
BEZA2

Tgt Ion: 43 Resp: 4394

Ion Ratio Lower Upper

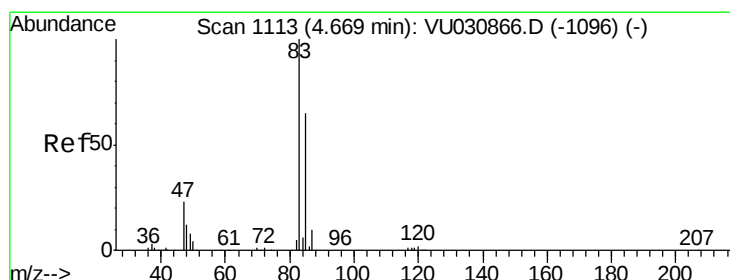
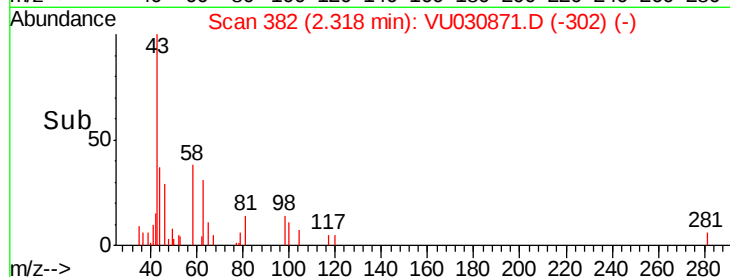
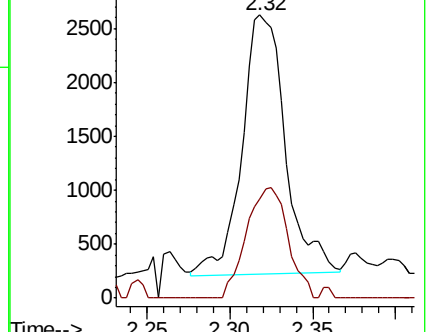
43 100

58 40.7 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU030866.D (-362) (-)

Ion 58.05 (57.75 to 58.75): VU030866.D (-362) (-)



#25

Chloroform

Concen: 0.838 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VU030871.D

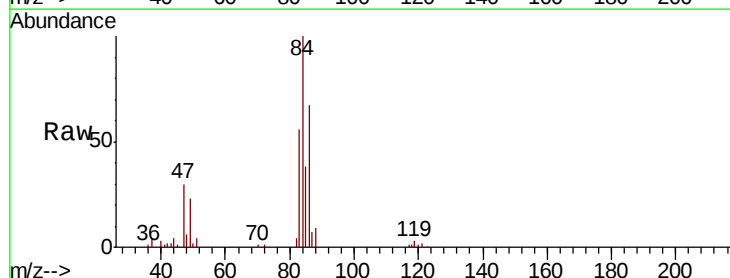
Acq: 07 Apr 2019 21:23

Tgt Ion: 83 Resp: 29265

Ion Ratio Lower Upper

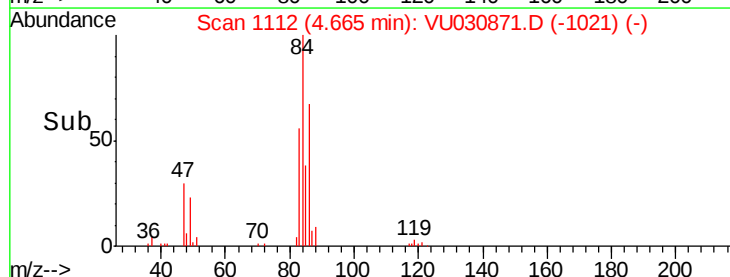
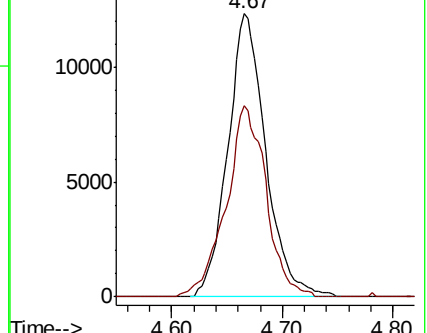
83 100

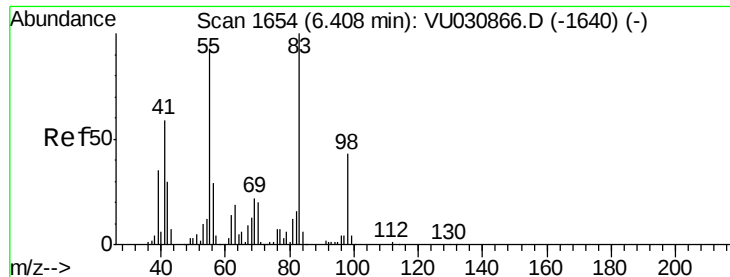
85 67.7 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VU030866.D (-1096) (-)

Ion 85.00 (84.70 to 85.70): VU030866.D (-1096) (-)

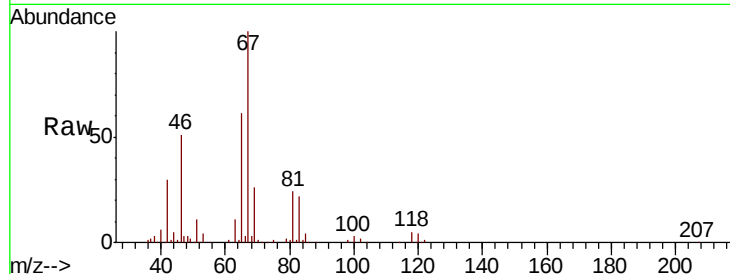




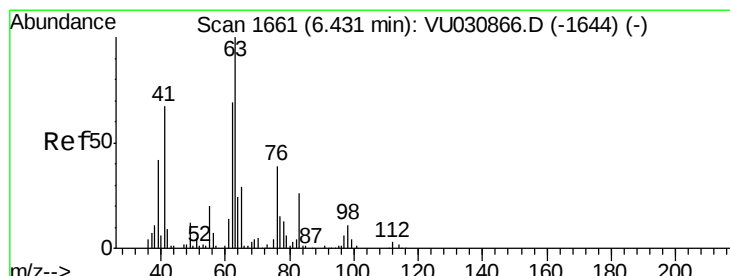
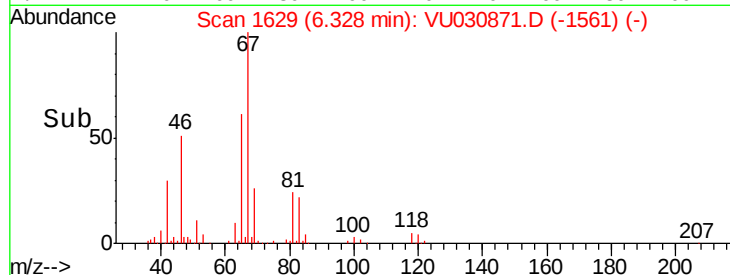
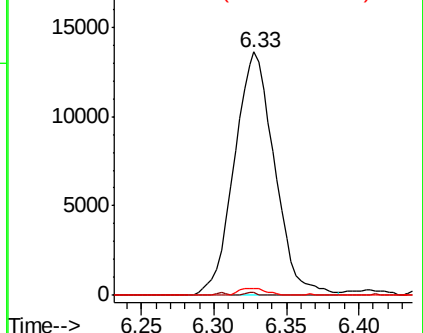
#35
Methylcyclohexane
Concen: 0.811 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU030871.D
Acq: 07 Apr 2019 21:23

Instrument :
MSVOA_U
ClientSampleId :
BEZA2

Tgt Ion: 83 Resp: 26177
Ion Ratio Lower Upper
83 100
55 0.3 72.6 108.8#
98 0.1 35.0 52.6#

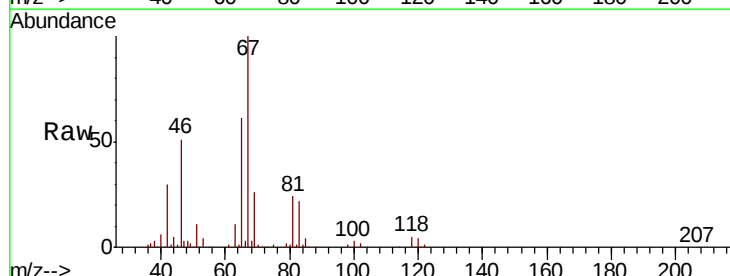


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

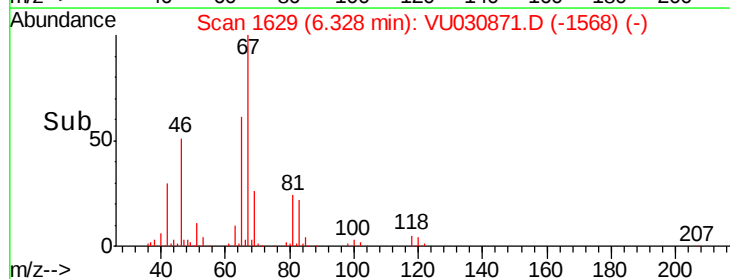
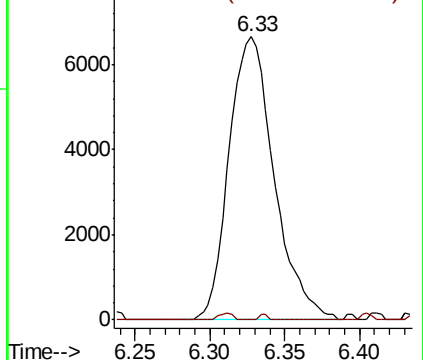


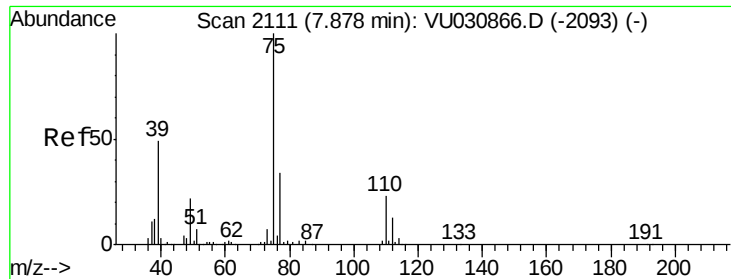
#37
1,2-Dichloropropane
Concen: 0.630 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU030871.D
Acq: 07 Apr 2019 21:23

Tgt Ion: 63 Resp: 14001
Ion Ratio Lower Upper
63 100
112 0.3 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU030871.D

Acq: 07 Apr 2019 21:23

Instrument :

MSVOA_U

ClientSampleId :

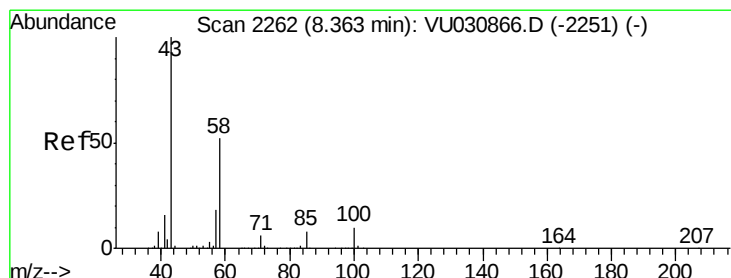
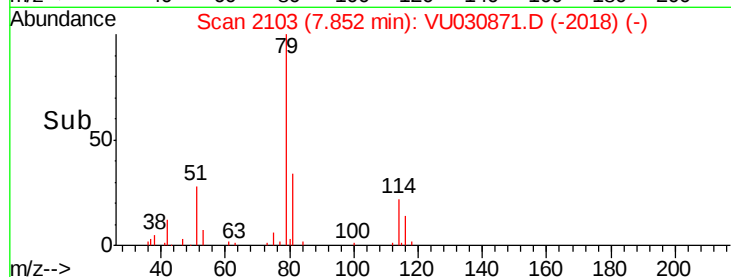
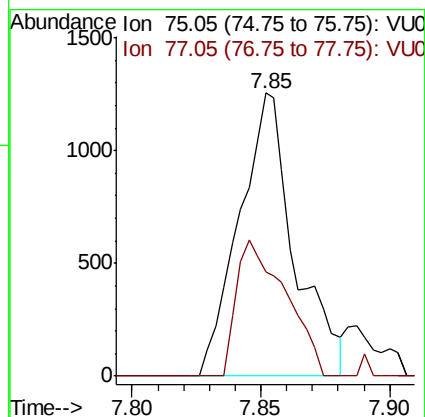
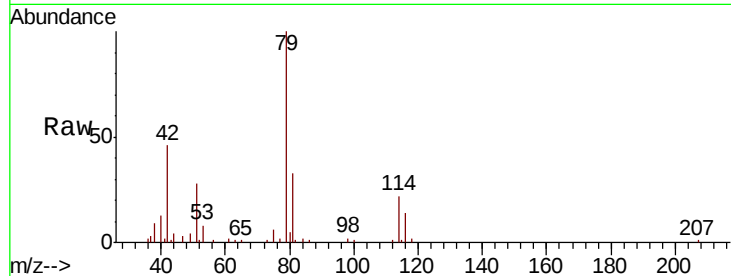
BEZA2

Tgt Ion: 75 Resp: 1877

Ion Ratio Lower Upper

75 100

77 36.9 21.6 40.0



#48

2-Hexanone

Concen: 2.492 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.01 min

Lab File: VU030871.D

Acq: 07 Apr 2019 21:23

Tgt Ion: 43 Resp: 23958

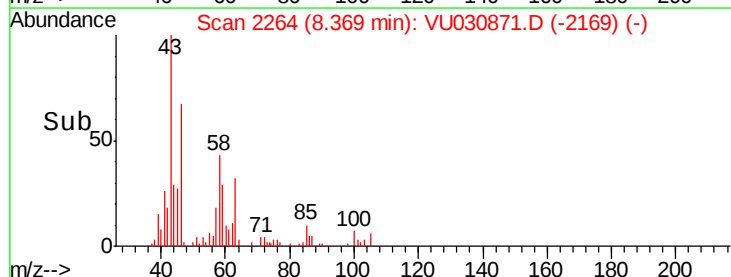
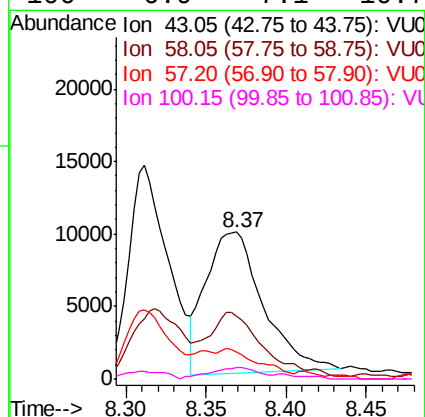
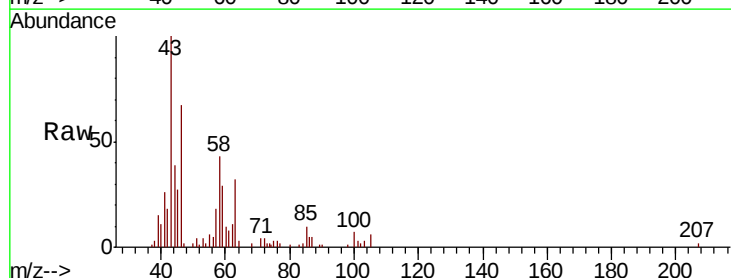
Ion Ratio Lower Upper

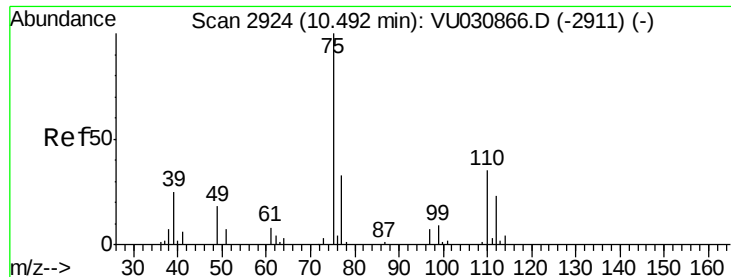
43 100

58 47.1 42.5 63.7

57 14.8 13.9 20.9

100 6.9 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 0.953 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030871.D

Acq: 07 Apr 2019 21:23

Instrument :

MSVOA_U

ClientSampleId :

BEZA2

Tgt Ion: 75 Resp: 11838

Ion Ratio Lower Upper

75 100

77 42.0 25.6 38.4#

