

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040819\
 Data File : VU030848.D
 Acq On : 07 Apr 2019 11:44
 Operator : JC/SP
 Sample : K2283-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZ81

Quant Time: Apr 08 03:38:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Apr 08 03:35:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	231249	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	239803	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	96104	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	106059	6.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.00%
7) Chloroethane-d5	1.68	69	86678	6.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	121.60%
11) 1,1-Dichloroethene-d2	2.27	63	152591	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.40%
20) 2-Butanone-d5	4.19	46	292241	64.18	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.36%
24) Chloroform-d	4.64	84	149822	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.31	65	98966	6.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.40%
32) Benzene-d6	5.33	84	335750	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.33	67	117512	5.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.00%
41) Toluene-d8	7.56	98	277587	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	7.85	79	41395	5.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.20%
46) 2-Hexanone-d5	8.31	63	207204	60.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	87213	5.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	95653	5.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.00%

Target Compounds

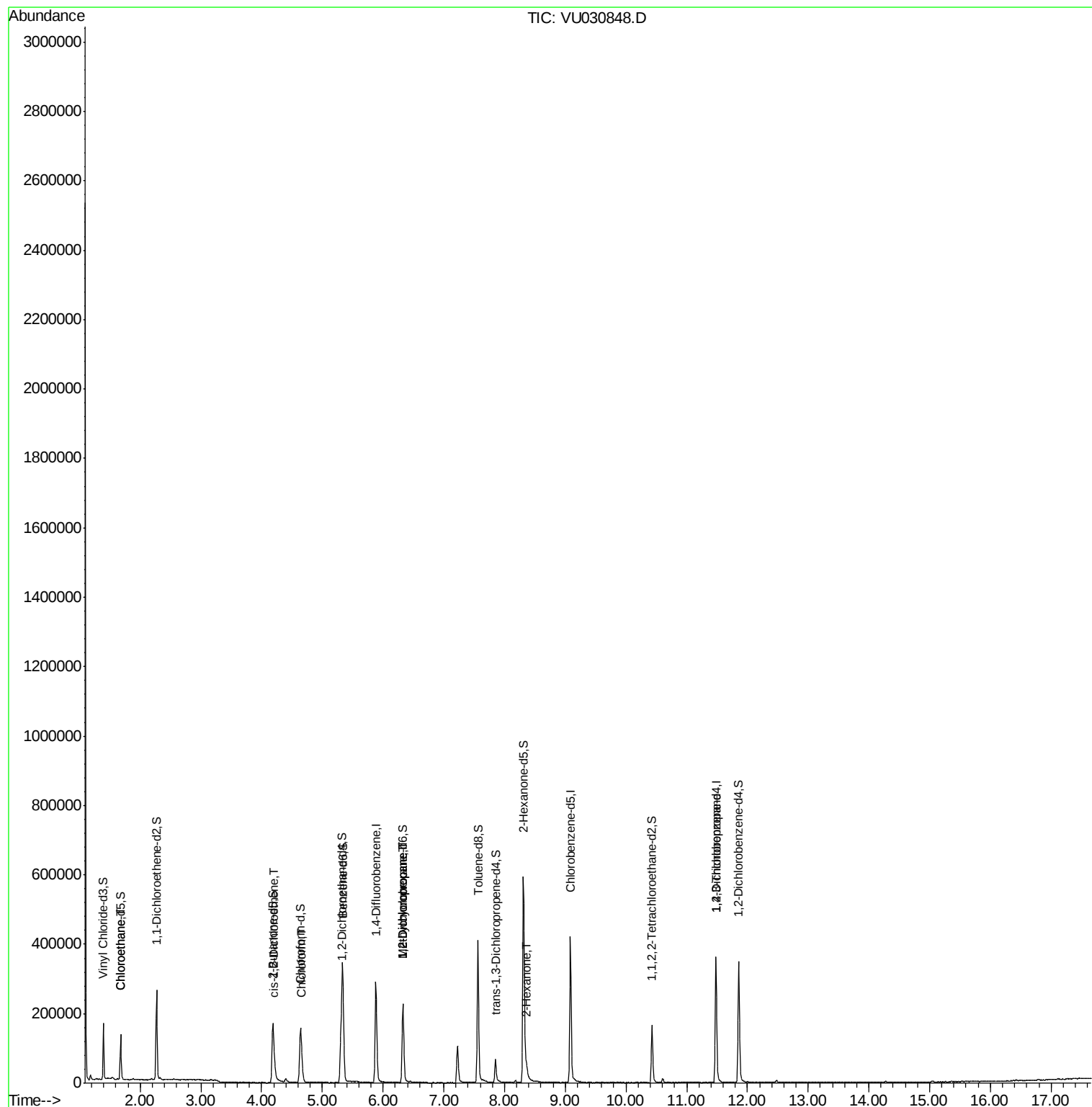
					Qvalue
8) Chloroethane	1.68	64	1383	0.088 ug/L #	71
22) cis-1,2-Dichloroethene	4.21	96	1810	0.095 ug/L	90
25) Chloroform	4.67	83	22085	0.643 ug/L	93
35) Methylcyclohexane	6.33	83	24601	0.759 ug/L #	13
37) 1,2-Dichloropropane	6.32	63	12361	0.554 ug/L #	93
48) 2-Hexanone	8.37	43	19744	2.046 ug/L #	93
59) 1,2,3-Trichloropropane	11.48	75	12981	1.041 ug/L	91

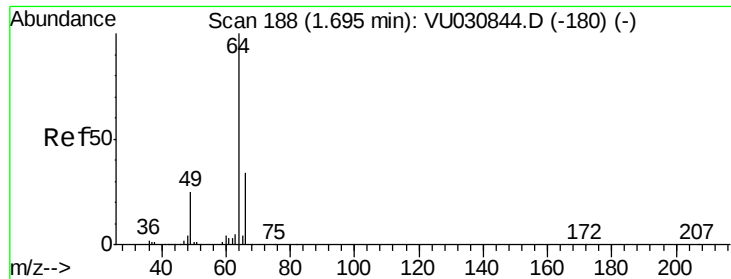
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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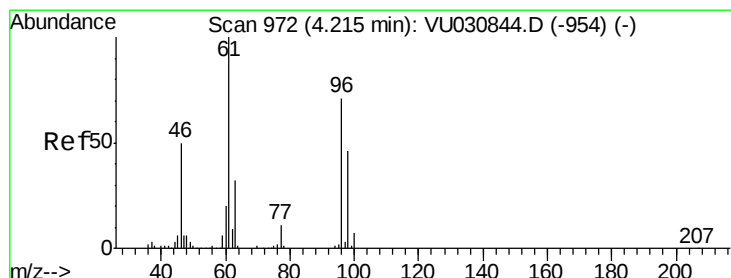
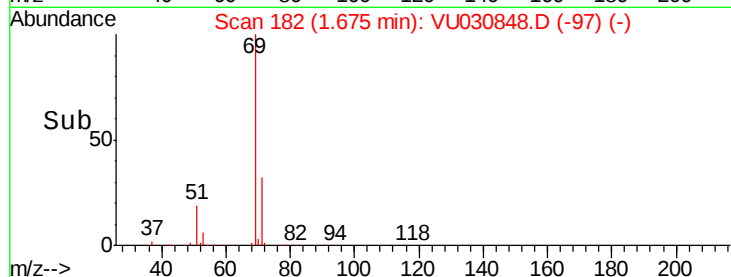
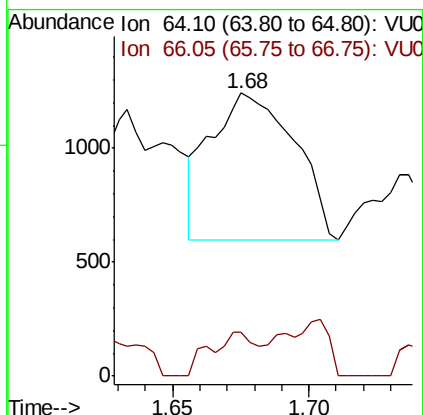
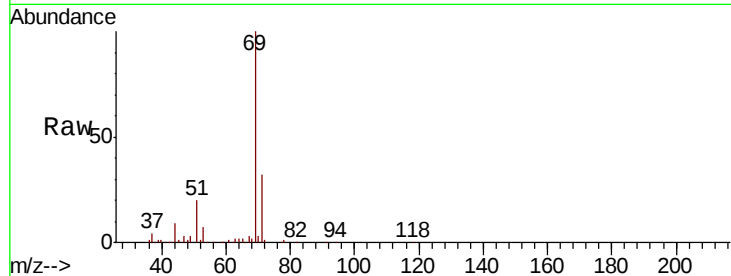




#8
 Chloroethane
 Concen: 0.088 ug/L
 RT: 1.68 min Scan# 182
 Delta R.T. -0.03 min
 Lab File: VU030848.D
 Acq: 07 Apr 2019 11:44

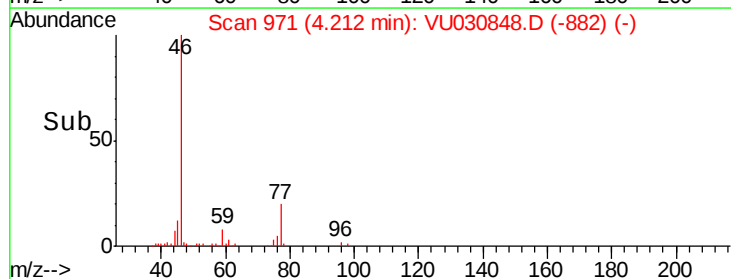
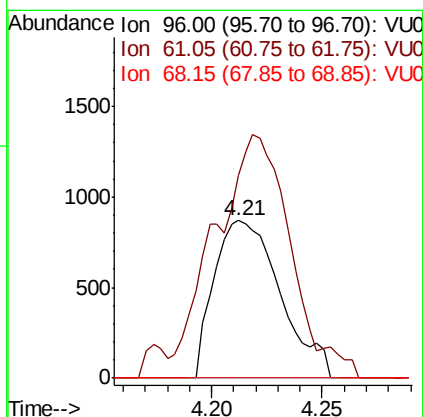
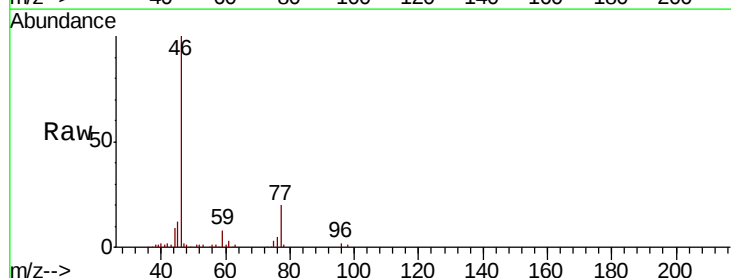
Instrument :
 MSVOA_U
 ClientSampleId :
 BEZ81

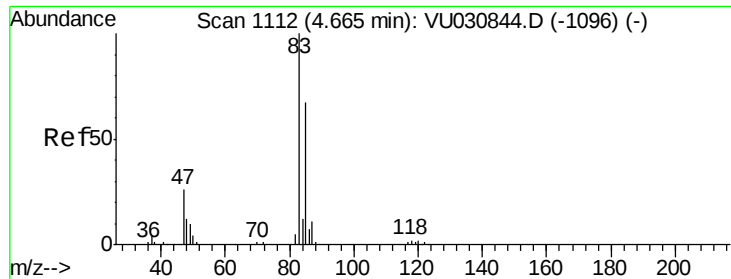
Tgt Ion: 64 Resp: 1383
 Ion Ratio Lower Upper
 64 100
 66 15.6 22.1 41.1#



#22
 cis-1,2-Dichloroethene
 Concen: 0.095 ug/L
 RT: 4.21 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: VU030848.D
 Acq: 07 Apr 2019 11:44

Tgt Ion: 96 Resp: 1810
 Ion Ratio Lower Upper
 96 100
 61 128.8 98.9 183.7
 68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.643 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VU030848.D

Acq: 07 Apr 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

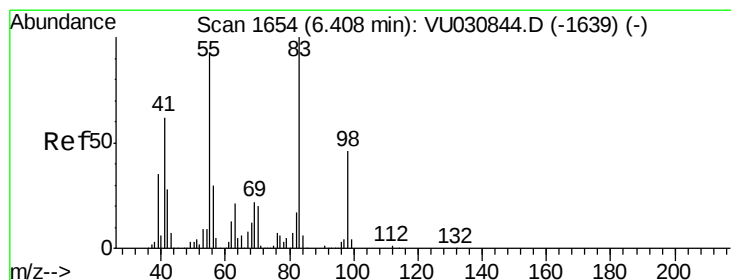
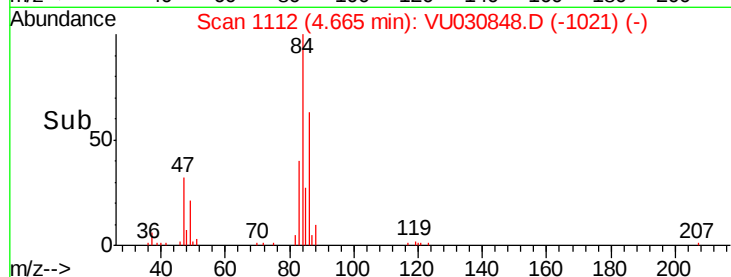
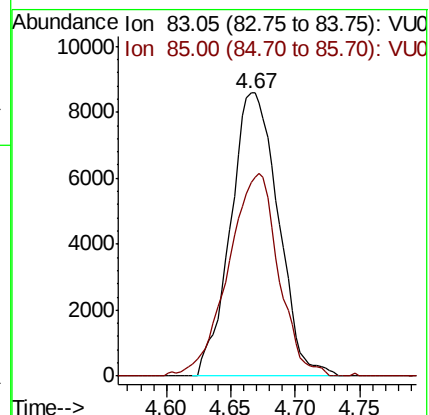
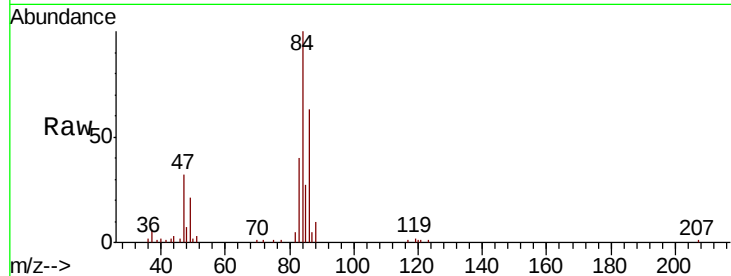
BEZ81

Tgt Ion: 83 Resp: 22085

Ion Ratio Lower Upper

83 100

85 68.3 44.2 82.2



#35

Methylcyclohexane

Concen: 0.759 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU030848.D

Acq: 07 Apr 2019 11:44

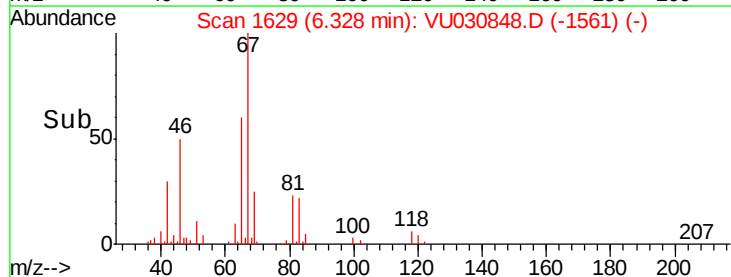
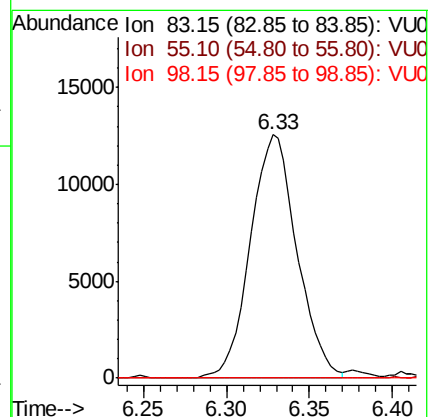
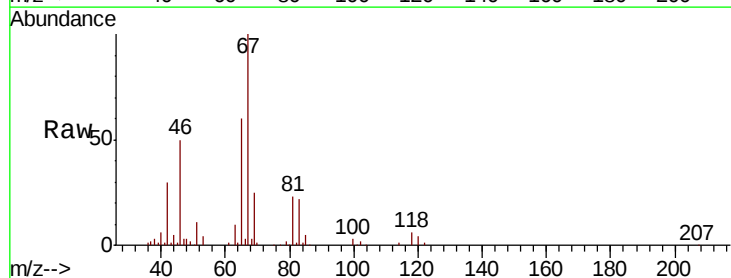
Tgt Ion: 83 Resp: 24601

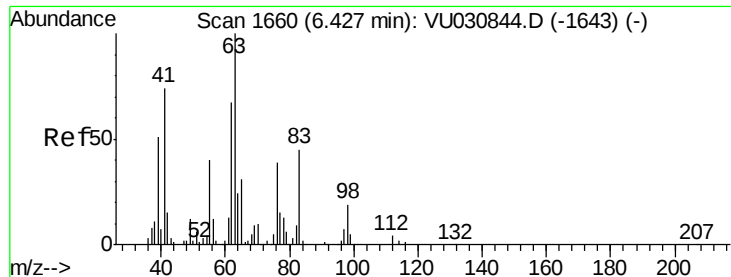
Ion Ratio Lower Upper

83 100

55 0.1 72.6 108.8#

98 0.3 35.0 52.6#





#37

1,2-Dichloropropane

Concen: 0.554 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.11 min

Lab File: VU030848.D

Acq: 07 Apr 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

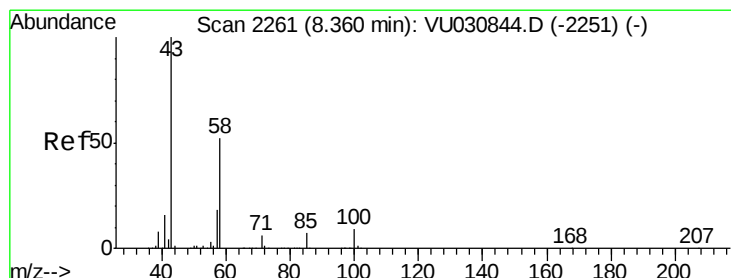
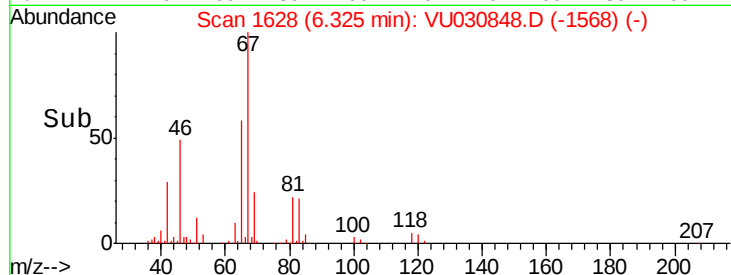
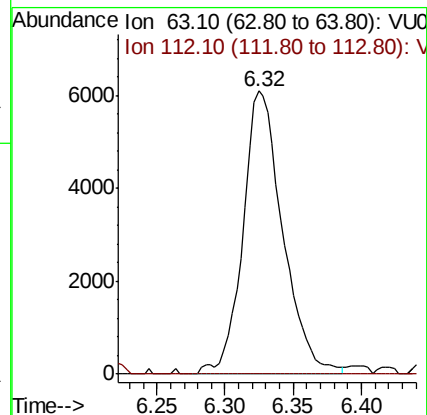
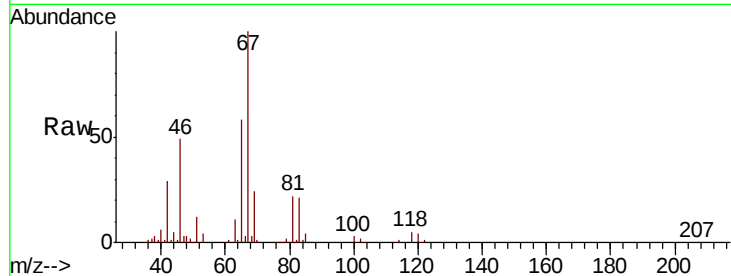
BEZ81

Tgt Ion: 63 Resp: 12361

Ion Ratio Lower Upper

63 100

112 1.1 2.8 4.2#



#48

2-Hexanone

Concen: 2.046 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VU030848.D

Acq: 07 Apr 2019 11:44

Tgt Ion: 43 Resp: 19744

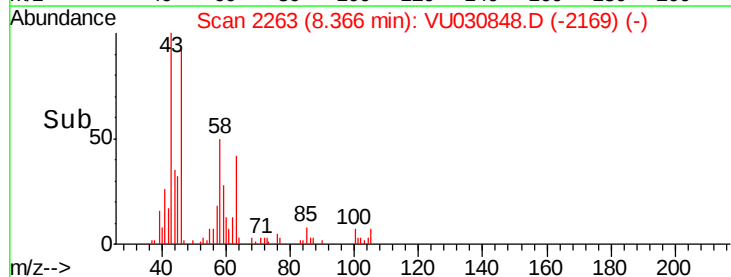
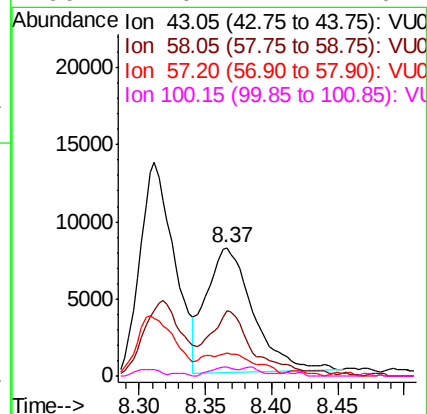
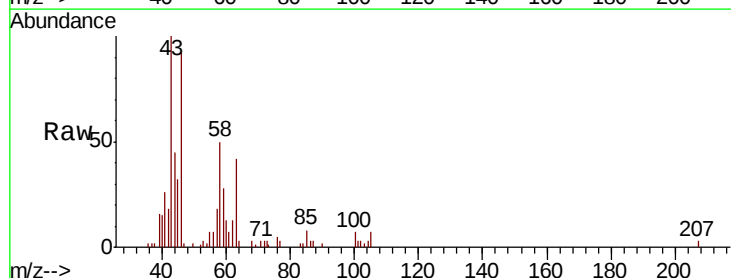
Ion Ratio Lower Upper

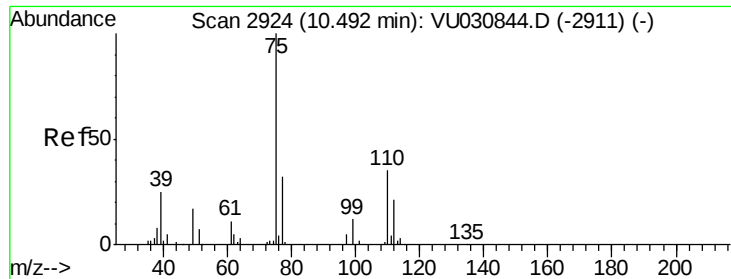
43 100

58 49.7 42.5 63.7

57 21.0 13.9 20.9#

100 4.0 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 1.041 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030848.D

Acq: 07 Apr 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

BEZ81

Tgt Ion: 75 Resp: 12981

Ion Ratio Lower Upper

75 100

77 37.0 25.6 38.4

