

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040819\
 Data File : VU030849.D
 Acq On : 07 Apr 2019 12:08
 Operator : JC/SP
 Sample : K2283-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZ82

Quant Time: Apr 08 03:38:42 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	238397	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	239079	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	102277	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	109161	5.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.80%
7) Chloroethane-d5	1.68	69	88834	6.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	121.00%
11) 1,1-Dichloroethene-d2	2.27	63	160024	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.80%
20) 2-Butanone-d5	4.19	46	301475	64.22	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.44%
24) Chloroform-d	4.64	84	156003	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.31	65	100143	6.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.20%
32) Benzene-d6	5.33	84	342739	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
36) 1,2-Dichloropropane-d6	6.32	67	120450	5.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.00%
41) Toluene-d8	7.56	98	280755	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	7.85	79	43018	5.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.80%
46) 2-Hexanone-d5	8.31	63	204379	59.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	90822	6.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.20%#
64) 1,2-Dichlorobenzene-d4	11.86	152	97079	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

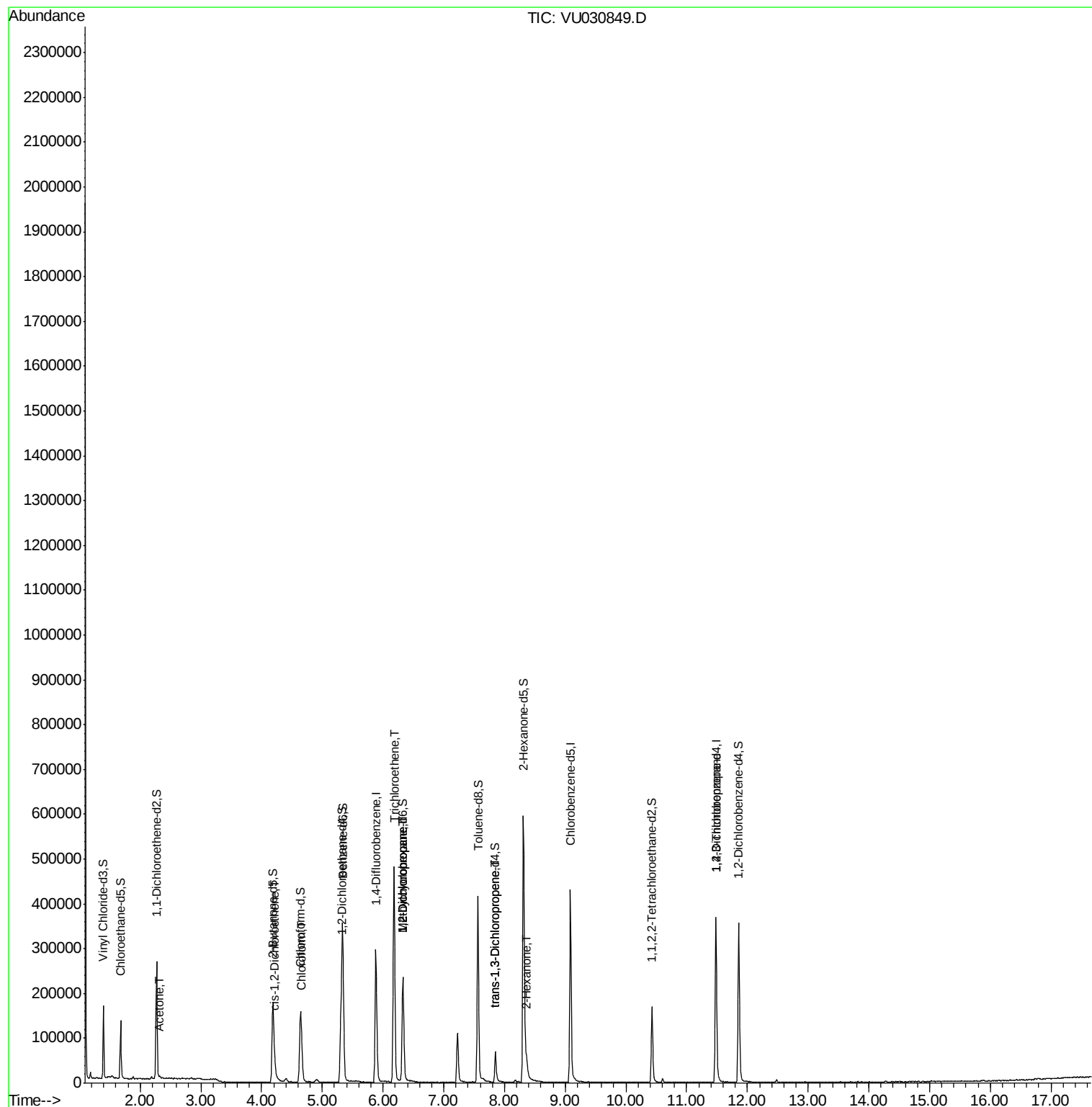
					Qvalue
13) Acetone	2.32	43	3854	1.062 ug/L	92
22) cis-1,2-Dichloroethene	4.23	96	1815	0.093 ug/L	91
25) Chloroform	4.67	83	23192	0.655 ug/L	93
34) Trichloroethene	6.18	95	171836	8.487 ug/L	97
35) Methylcyclohexane	6.32	83	25873	0.801 ug/L #	14
37) 1,2-Dichloropropane	6.33	63	13453	0.604 ug/L #	90
44) trans-1,3-Dichloropropene	7.85	75	1884	0.082 ug/L	86
48) 2-Hexanone	8.37	43	19500	2.027 ug/L #	83
59) 1,2,3-Trichloropropane	11.48	75	12875	1.035 ug/L #	83

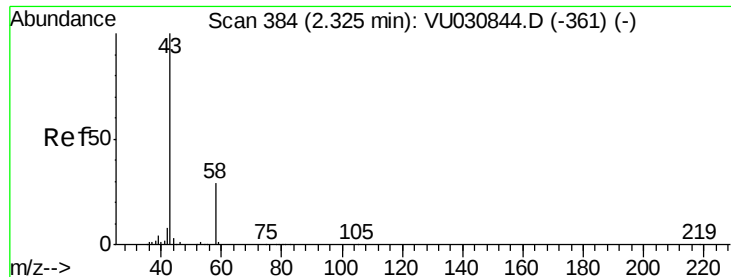
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.062 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.05 min

Lab File: VU030849.D

Acq: 07 Apr 2019 12:08

Instrument :

MSVOA_U

ClientSampled :

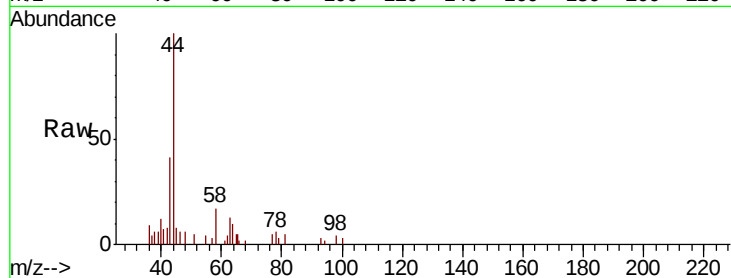
BEZ82

Tgt Ion: 43 Resp: 3854

Ion Ratio Lower Upper

43 100

58 35.9 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU030844.D (-361) (-)

Ion 58.05 (57.75 to 58.75): VU030844.D (-361) (-)

2500

2000

1500

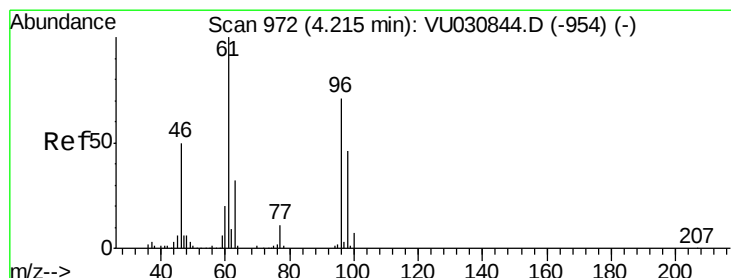
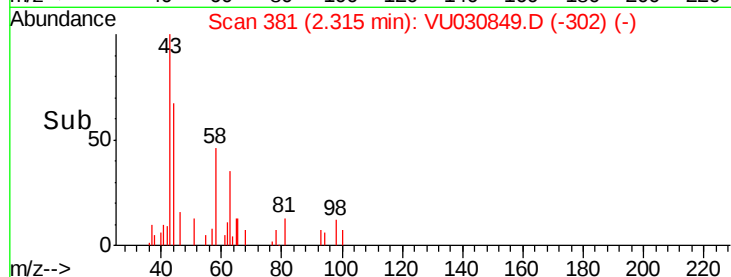
1000

500

0

2.25 2.30 2.35

Time-->



#22

cis-1,2-Dichloroethene

Concen: 0.093 ug/L

RT: 4.23 min Scan# 975

Delta R.T. -0.00 min

Lab File: VU030849.D

Acq: 07 Apr 2019 12:08

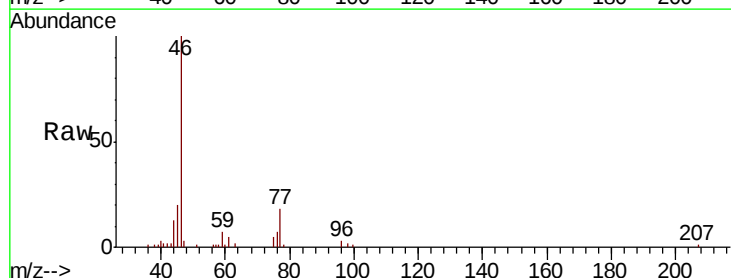
Tgt Ion: 96 Resp: 1815

Ion Ratio Lower Upper

96 100

61 151.9 98.9 183.7

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU030844.D (-954) (-)

Ion 61.05 (60.75 to 61.75): VU030844.D (-954) (-)

Ion 68.15 (67.85 to 68.85): VU030844.D (-954) (-)

1500

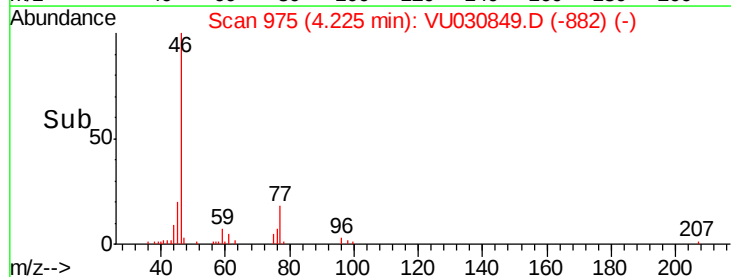
1000

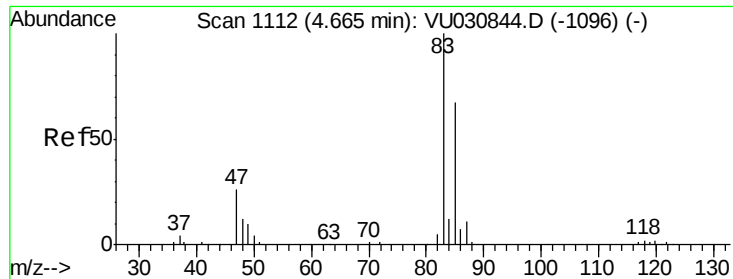
500

0

4.15 4.20 4.25

Time-->

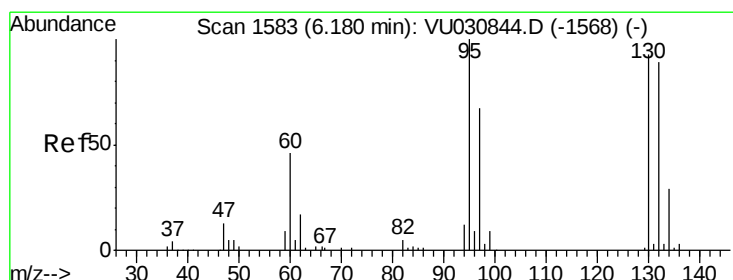
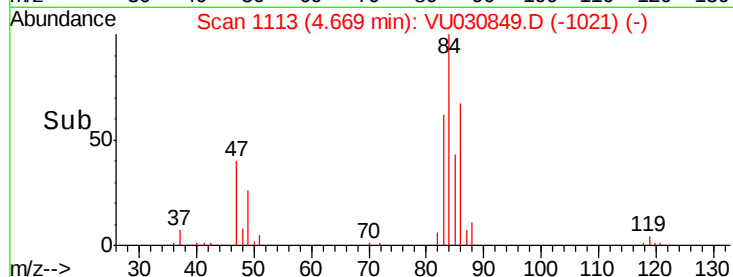
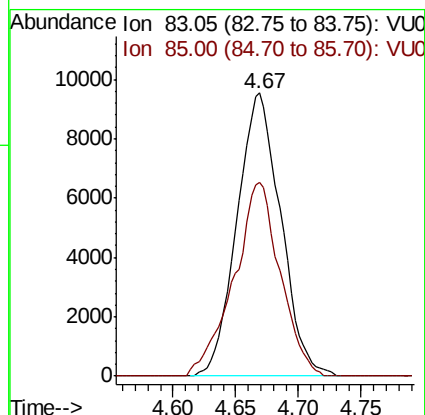
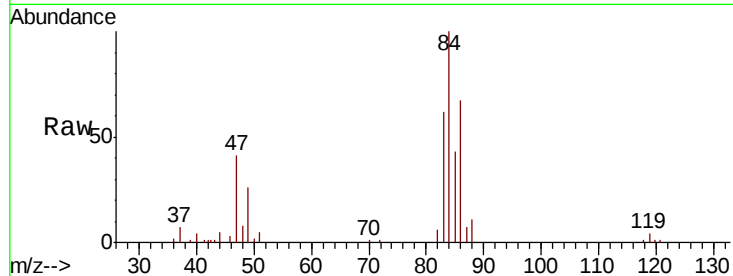




#25
Chloroform
Concen: 0.655 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU030849.D
Acq: 07 Apr 2019 12:08

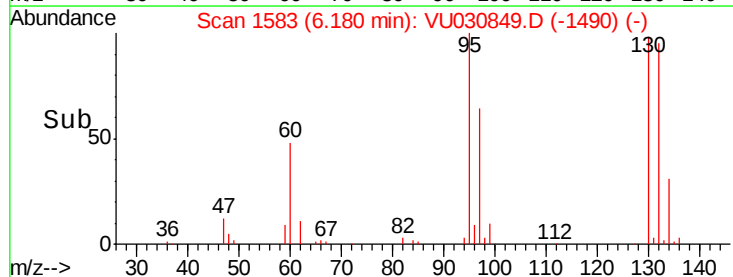
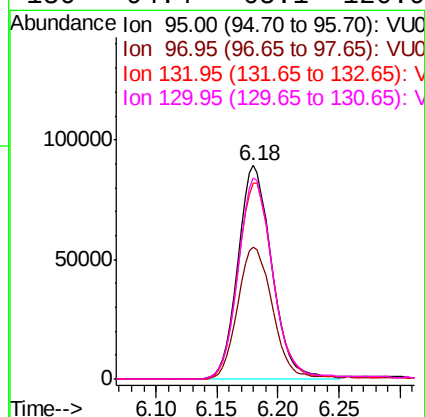
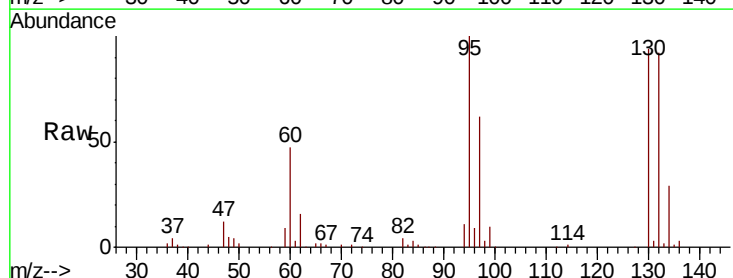
Instrument :
MSVOA_U
ClientSampled :
BEZ82

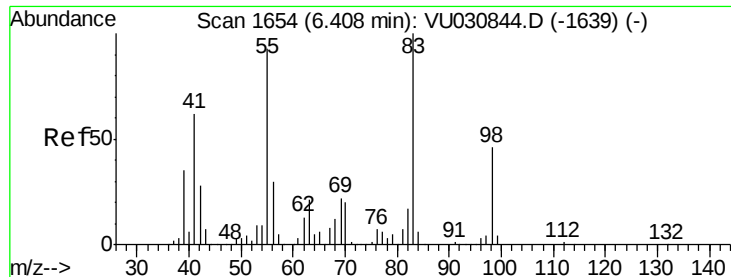
Tgt Ion: 83 Resp: 23192
Ion Ratio Lower Upper
83 100
85 68.4 44.2 82.2



#34
Trichloroethene
Concen: 8.487 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU030849.D
Acq: 07 Apr 2019 12:08

Tgt Ion: 95 Resp: 171836
Ion Ratio Lower Upper
95 100
97 62.0 43.5 80.9
132 91.5 60.7 112.7
130 94.4 65.1 120.9

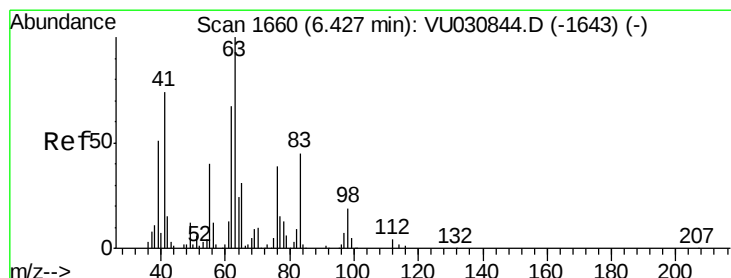
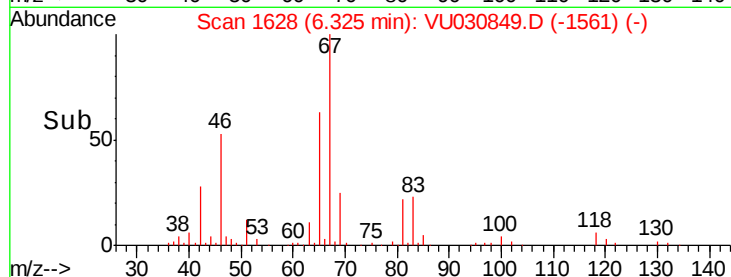
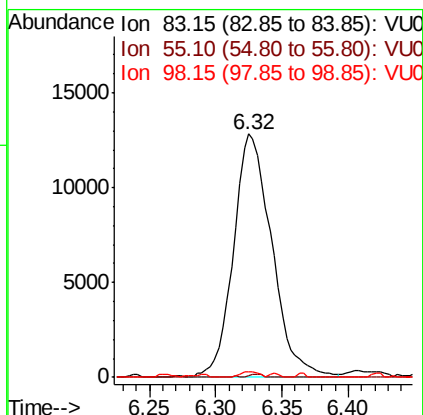
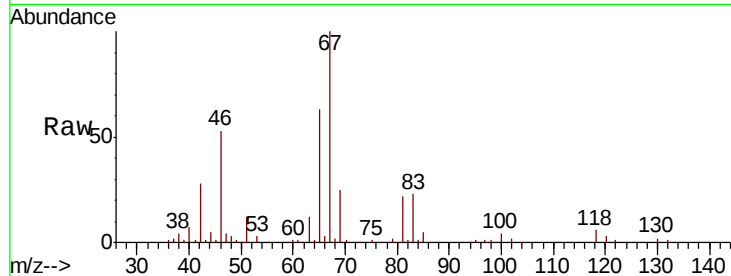




#35
Methylcyclohexane
Concen: 0.801 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU030849.D
Acq: 07 Apr 2019 12:08

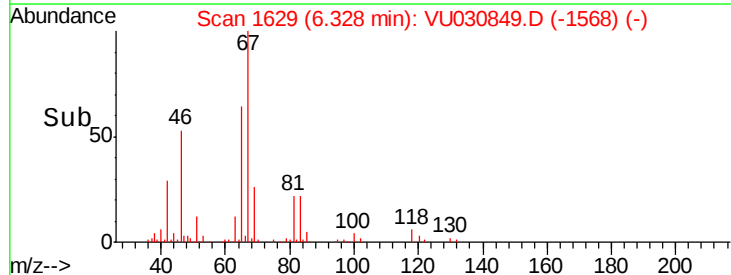
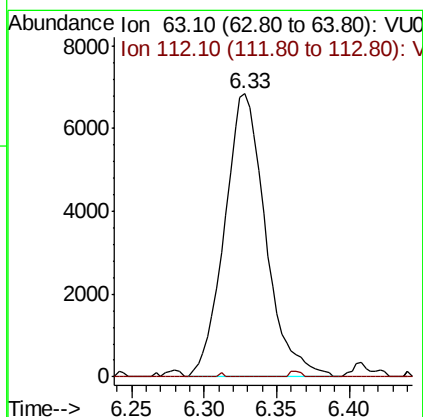
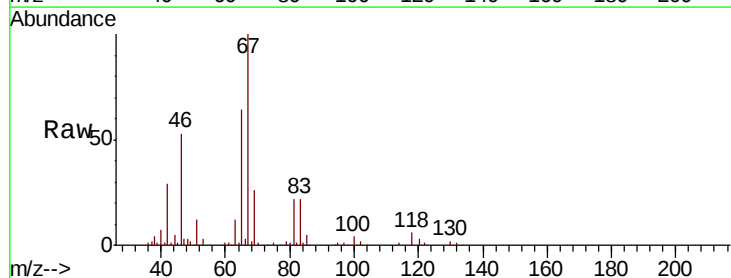
Instrument :
MSVOA_U
ClientSampled :
BEZ82

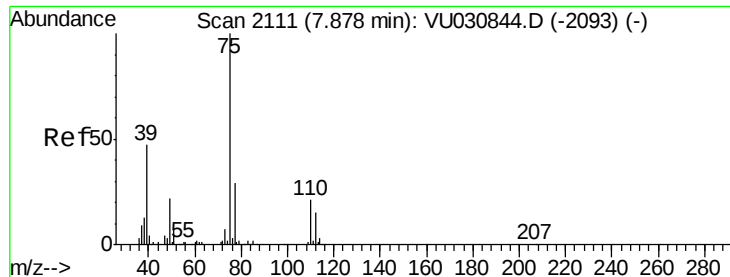
Tgt Ion: 83 Resp: 25873
Ion Ratio Lower Upper
83 100
55 0.4 72.6 108.8#
98 1.1 35.0 52.6#



#37
1,2-Dichloropropane
Concen: 0.604 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU030849.D
Acq: 07 Apr 2019 12:08

Tgt Ion: 63 Resp: 13453
Ion Ratio Lower Upper
63 100
112 0.1 2.8 4.2#





#44

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030849.D

Acq: 07 Apr 2019 12:08

Instrument :

MSVOA_U

ClientSampleId :

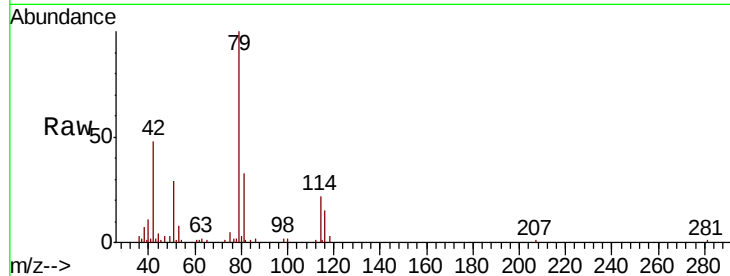
BEZ82

Tgt Ion: 75 Resp: 1884

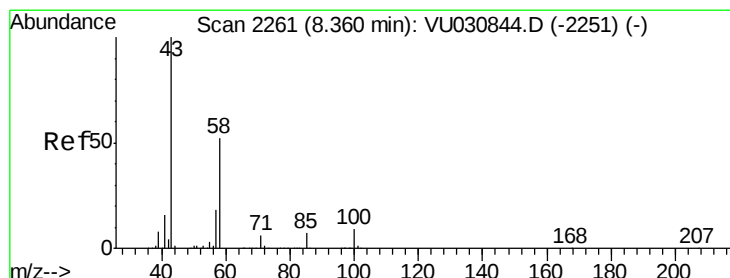
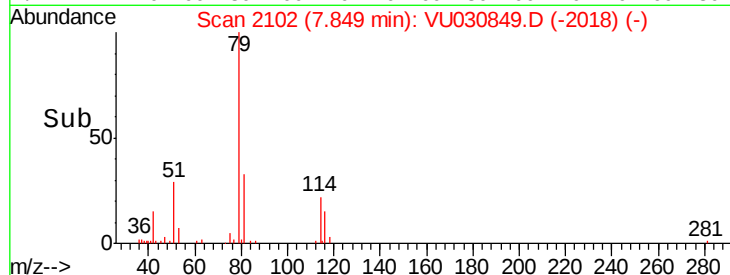
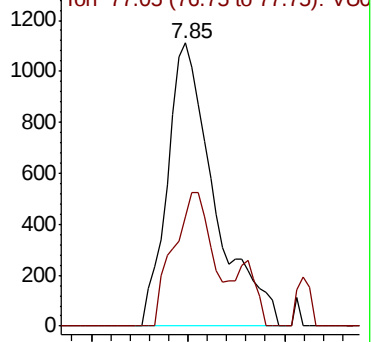
Ion Ratio Lower Upper

75 100

77 38.4 21.6 40.0



Abundance Ion 75.05 (74.75 to 75.75): VU030844.D (-2093) (-)



#48

2-Hexanone

Concen: 2.027 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VU030849.D

Acq: 07 Apr 2019 12:08

Tgt Ion: 43 Resp: 19500

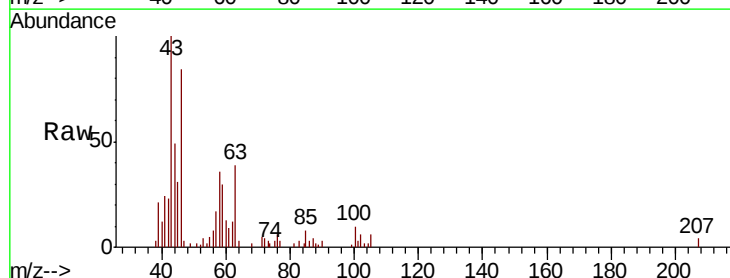
Ion Ratio Lower Upper

43 100

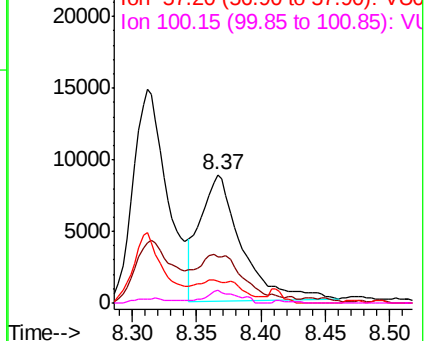
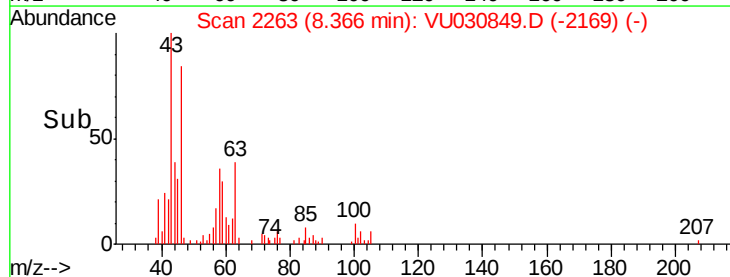
58 37.4 42.5 63.7#

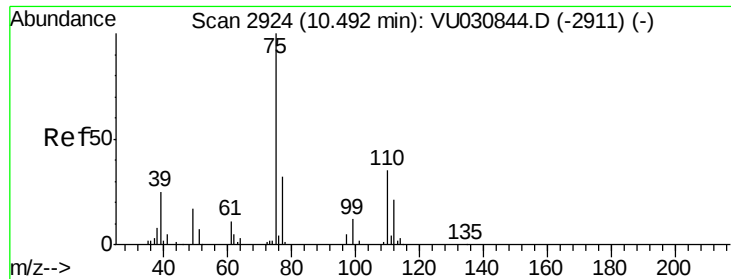
57 20.4 13.9 20.9

100 7.7 7.1 10.7



Abundance Ion 43.05 (42.75 to 43.75): VU030844.D (-2251) (-)





#59

1,2,3-Trichloropropane

Concen: 1.035 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030849.D

Acq: 07 Apr 2019 12:08

Instrument :

MSVOA_U

ClientSampleId :

BEZ82

Tgt Ion: 75 Resp: 12875

Ion Ratio Lower Upper

75 100

77 41.4 25.6 38.4#

