

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030938.D
 Acq On : 09 Apr 2019 06:14
 Operator : JC/SP
 Sample : K2283-11RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZ89

Quant Time: Apr 09 08:00:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 09 07:55:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	225957	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	230258	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	86858	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	87809	5.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.60%
7) Chloroethane-d5	1.68	69	79140	5.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.60%
11) 1,1-Dichloroethene-d2	2.27	63	141837	4.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.20%
20) 2-Butanone-d5	4.19	46	280131	62.96	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.92%
24) Chloroform-d	4.64	84	154289	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	5.31	65	92370	5.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.80%
32) Benzene-d6	5.33	84	310431	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.33	67	108565	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.56	98	246335	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.85	79	33430	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.31	63	175990	53.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	85278	5.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	85633	5.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.80%

Target Compounds

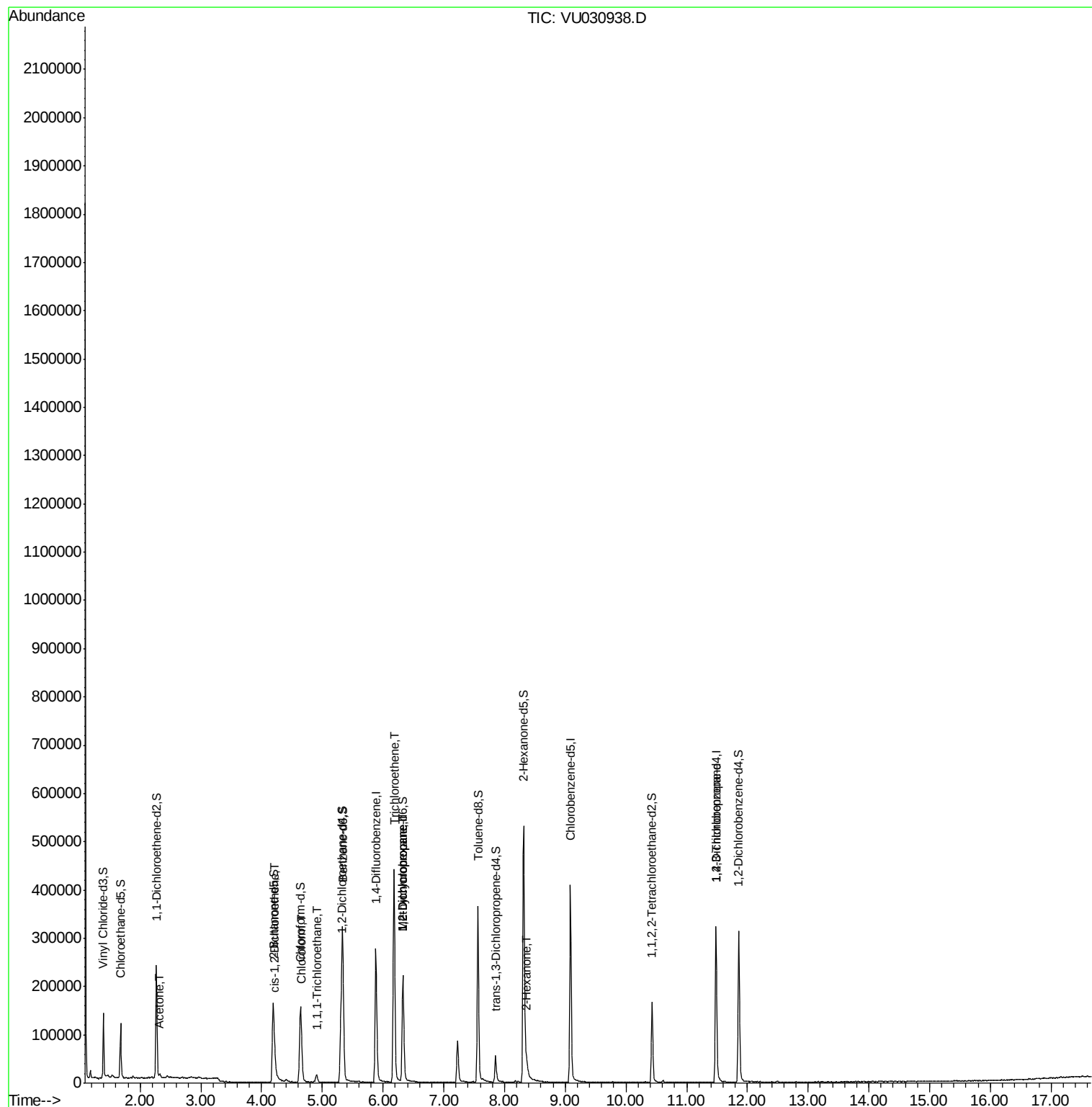
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	5913	1.719	ug/L	96
22) cis-1,2-Dichloroethene	4.22	96	4163	0.224	ug/L	86
25) Chloroform	4.67	83	13742	0.409	ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	11362	0.387	ug/L	98
34) Trichloroethene	6.18	95	163934	8.407	ug/L	97
35) Methylcyclohexane	6.33	83	25450	0.818	ug/L #	14
37) 1,2-Dichloropropane	6.32	63	11881	0.554	ug/L #	91
48) 2-Hexanone	8.37	43	13003	1.403	ug/L	89
59) 1,2,3-Trichloropropane	11.48	75	11886	0.992	ug/L	94

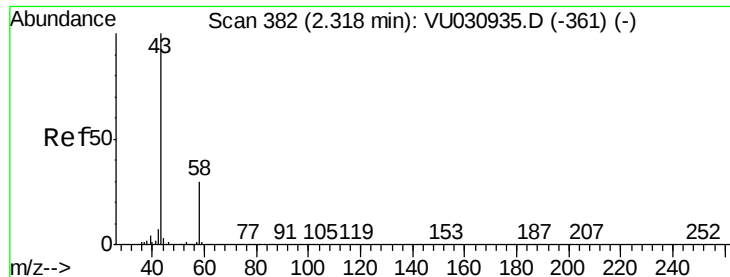
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.719 ug/L

RT: 2.32 min Scan# 384

Delta R.T. -0.04 min

Lab File: VU030938.D

Acq: 09 Apr 2019 06:14

Instrument :

MSVOA_U

ClientSampleId :

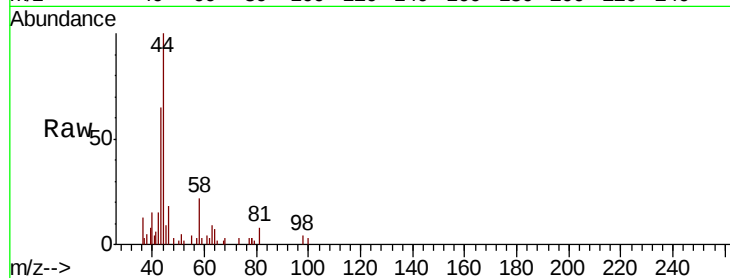
BEZ89

Tot Ion: 43 Resp: 5913

Ion Ratio Lower Upper

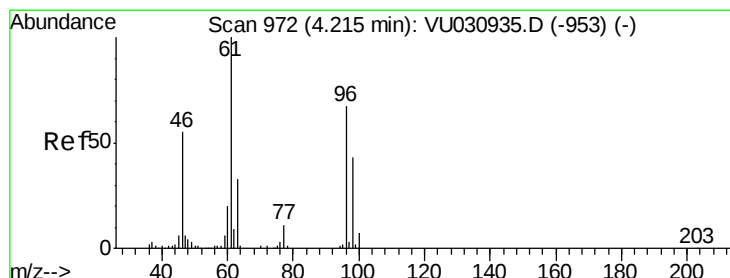
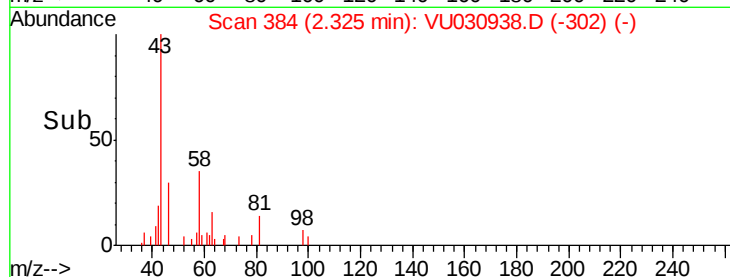
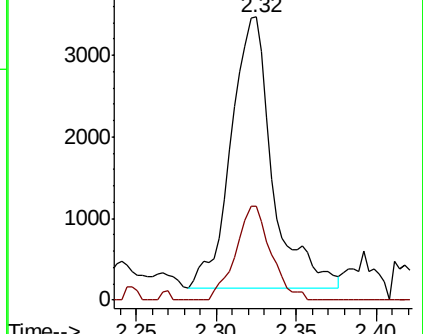
43 100

58 29.3 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU030938.D (-361) (-)

Ion 58.05 (57.75 to 58.75): VU030938.D (-361) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.224 ug/L

RT: 4.22 min Scan# 974

Delta R.T. -0.00 min

Lab File: VU030938.D

Acq: 09 Apr 2019 06:14

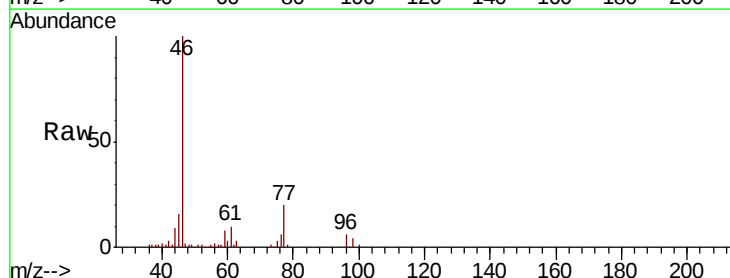
Tgt Ion: 96 Resp: 4163

Ion Ratio Lower Upper

96 100

61 158.7 98.9 183.7

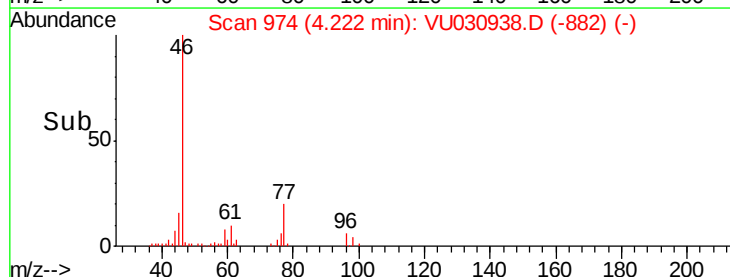
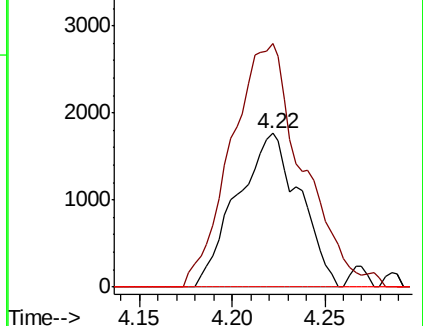
68 0.0 0.0 0.0

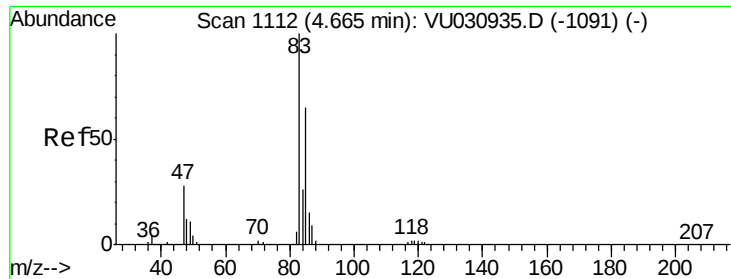


Abundance Ion 96.00 (95.70 to 96.70): VU030938.D (-882) (-)

Ion 61.05 (60.75 to 61.75): VU030938.D (-882) (-)

Ion 68.15 (67.85 to 68.85): VU030938.D (-882) (-)





#25

Chloroform

Concen: 0.409 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VU030938.D

Acq: 09 Apr 2019 06:14

Instrument :

MSVOA_U

ClientSampleId :

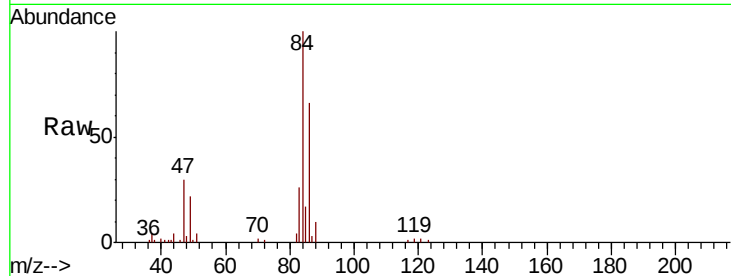
BEZ89

Tot Ion: 83 Resp: 13742

Ion Ratio Lower Upper

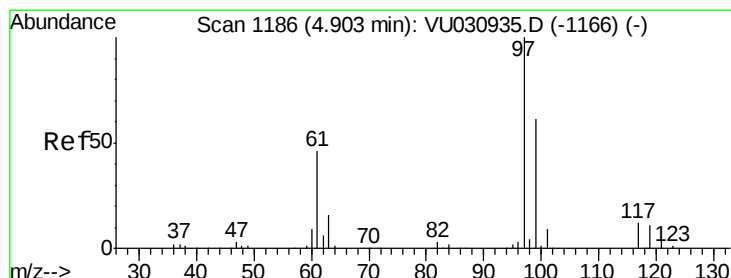
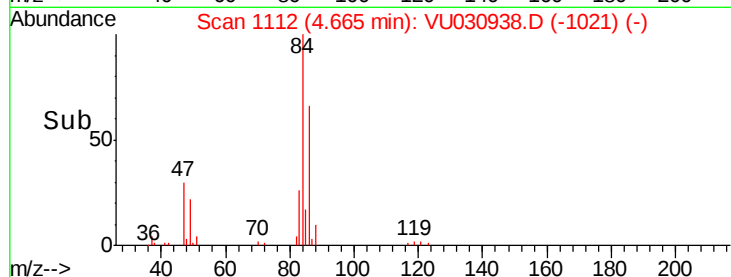
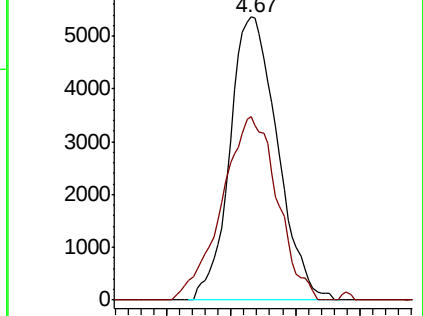
83 100

85 64.7 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0



#29

1,1,1-Trichloroethane

Concen: 0.387 ug/L

RT: 4.91 min Scan# 1188

Delta R.T. -0.00 min

Lab File: VU030938.D

Acq: 09 Apr 2019 06:14

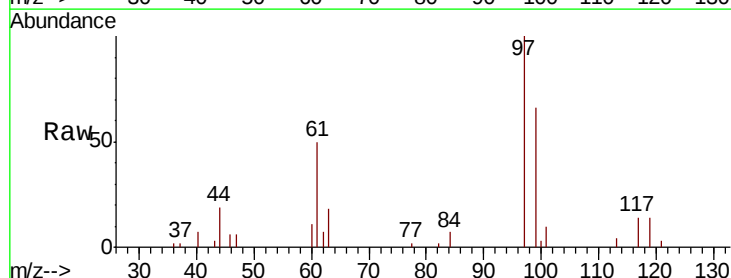
Tgt Ion: 97 Resp: 11362

Ion Ratio Lower Upper

97 100

99 62.5 51.8 77.6

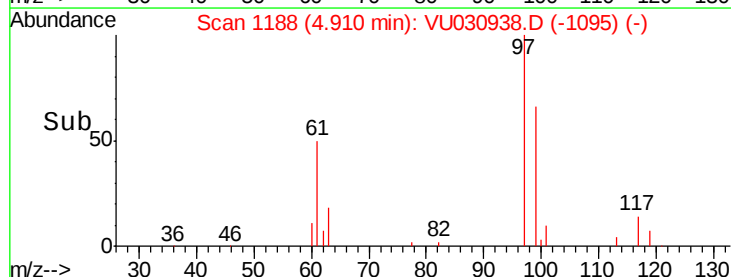
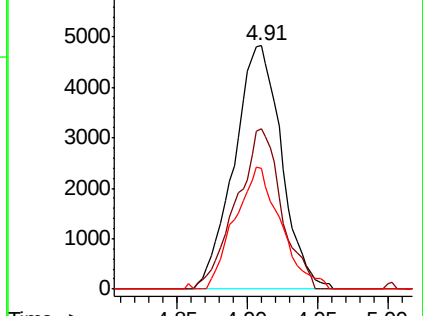
61 48.5 38.1 57.1

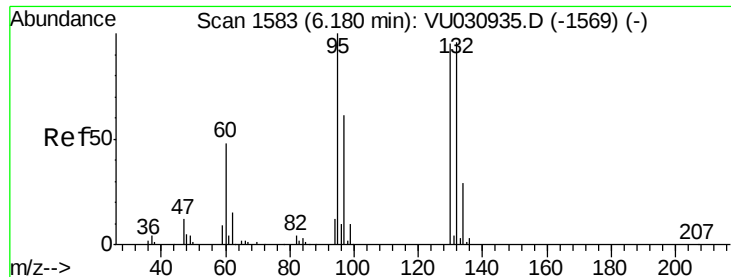


Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 61.05 (60.75 to 61.75): VU0





#34

Trichloroethene

Concen: 8.407 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU030938.D

Acq: 09 Apr 2019 06:14

Instrument :

MSVOA_U

ClientSampleId :

BEZ89

Tot Ion: 95 Resp: 163934

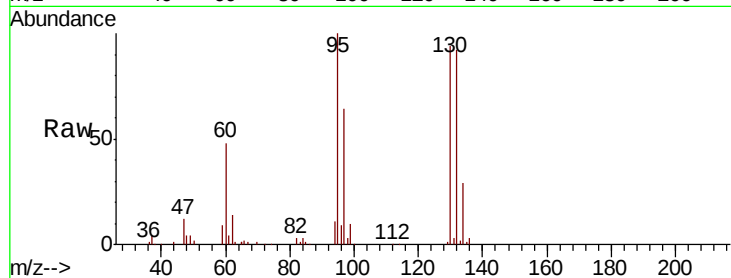
Ion Ratio Lower Upper

95 100

97 64.4 43.5 80.9

132 91.9 60.7 112.7

130 93.7 65.1 120.9

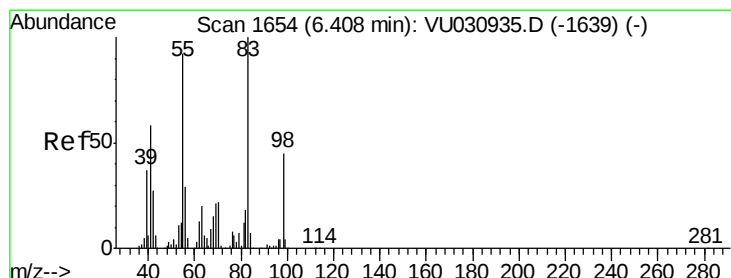
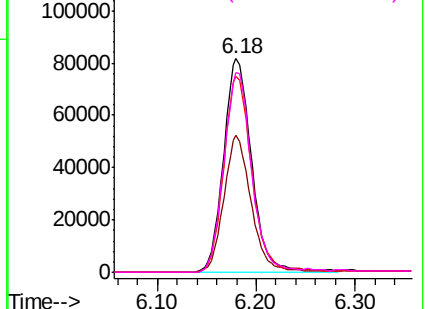
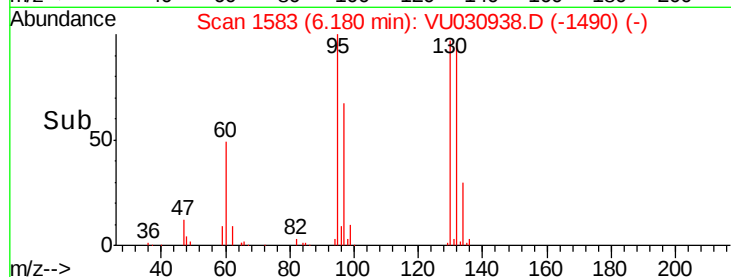


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.818 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU030938.D

Acq: 09 Apr 2019 06:14

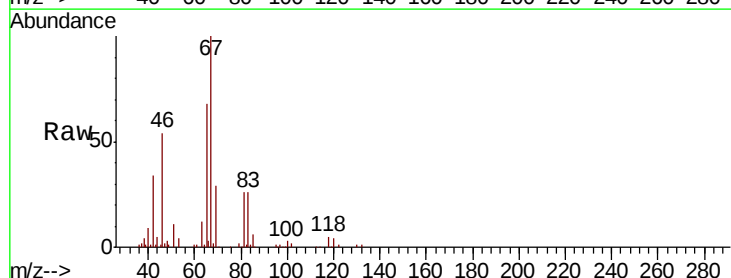
Tgt Ion: 83 Resp: 25450

Ion Ratio Lower Upper

83 100

55 0.5 72.6 108.8#

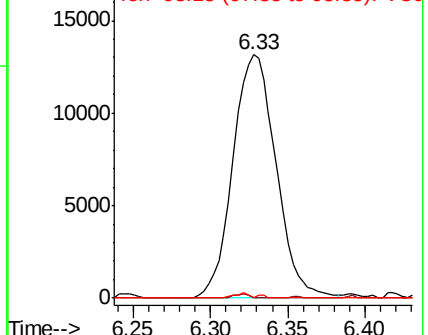
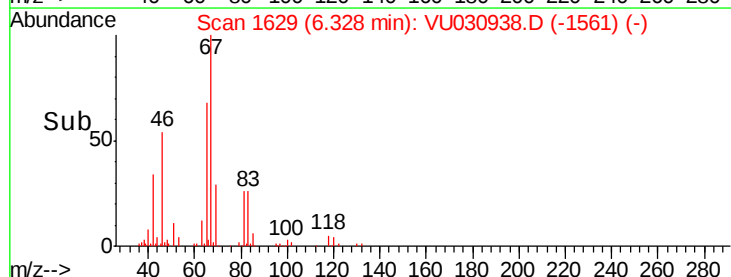
98 0.7 35.0 52.6#

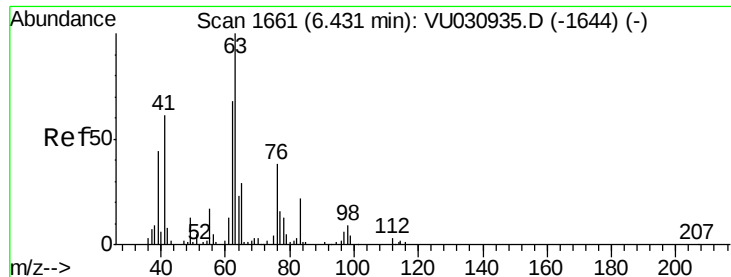


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

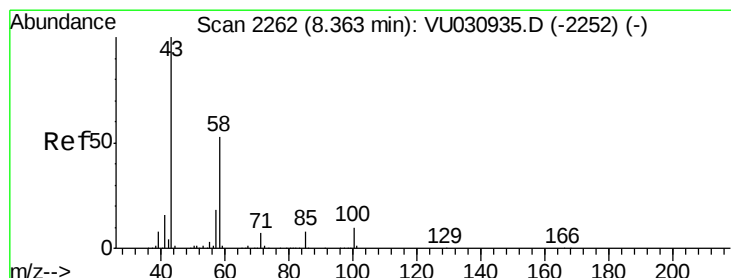
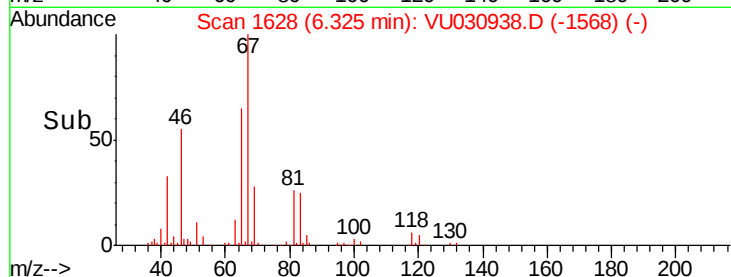
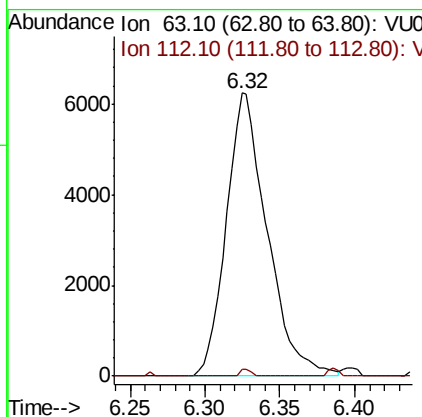
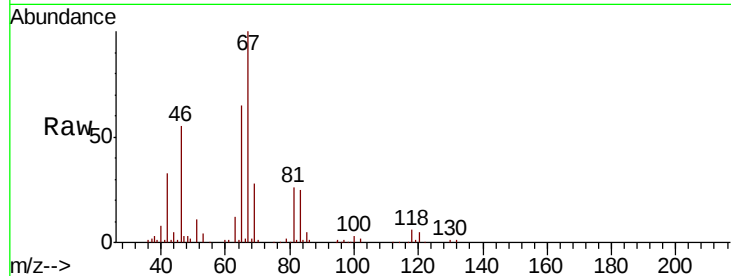




#37
 1,2-Dichloropropane
 Concen: 0.554 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.11 min
 Lab File: VU030938.D
 Acq: 09 Apr 2019 06:14

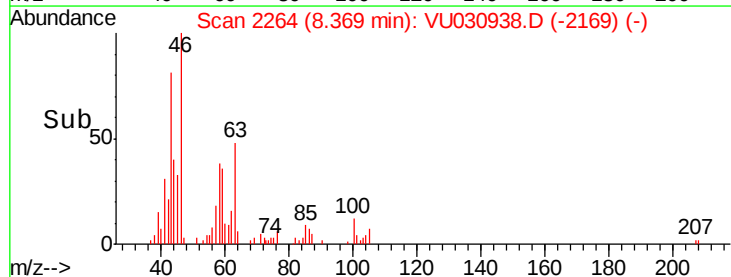
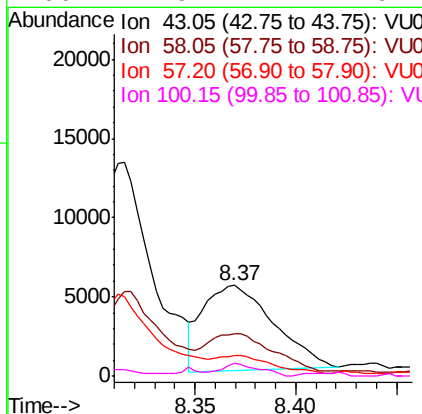
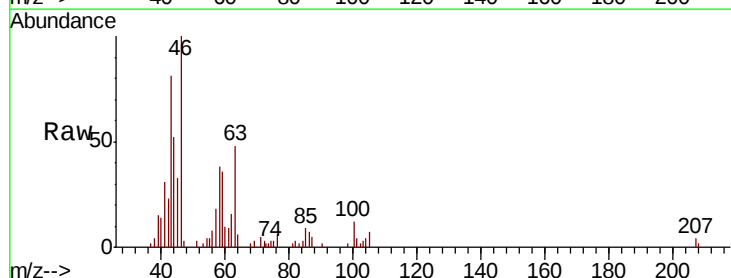
Instrument :
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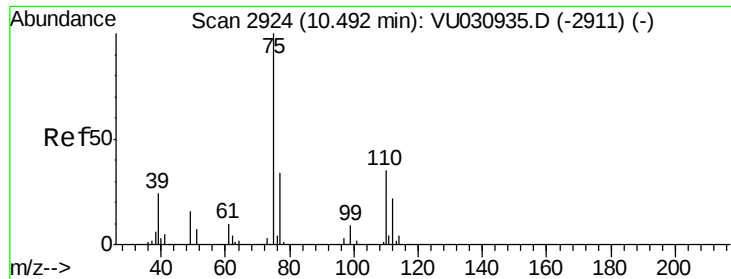
Tot Ion: 63 Resp: 11881
 Ion Ratio Lower Upper
 63 100
 112 0.7 2.8 4.2#



#48
 2-Hexanone
 Concen: 1.403 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU030938.D
 Acq: 09 Apr 2019 06:14

Tgt Ion: 43 Resp: 13003
 Ion Ratio Lower Upper
 43 100
 58 43.3 42.5 63.7
 57 15.1 13.9 20.9
 100 7.9 7.1 10.7





#59

1,2,3-Trichloropropane

Concen: 0.992 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030938.D

Acq: 09 Apr 2019 06:14

Instrument :

MSVOA_U

ClientSampleId :

BEZ89

Tot Ion: 75 Resp: 11886

Ion Ratio Lower Upper

75 100

77 35.3 25.6 38.4

