

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030994.D
 Acq On : 10 Apr 2019 07:09
 Operator : JC/SP
 Sample : K2290-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZJO

Quant Time: Apr 10 08:31:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 10 08:26:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	207327	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	219973	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	86572	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	65108	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.68	69	62870	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.27	63	101124	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	4.19	46	264212	64.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.44%
24) Chloroform-d	4.64	84	118358	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.31	65	82293	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.40%
32) Benzene-d6	5.33	84	239182	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
36) 1,2-Dichloropropane-d6	6.33	67	89880	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.56	98	185745	3.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.80%
43) trans-1,3-Dichloropropene-	7.85	79	26576	3.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.60%
46) 2-Hexanone-d5	8.31	63	160074	51.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	81555	5.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	72784	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

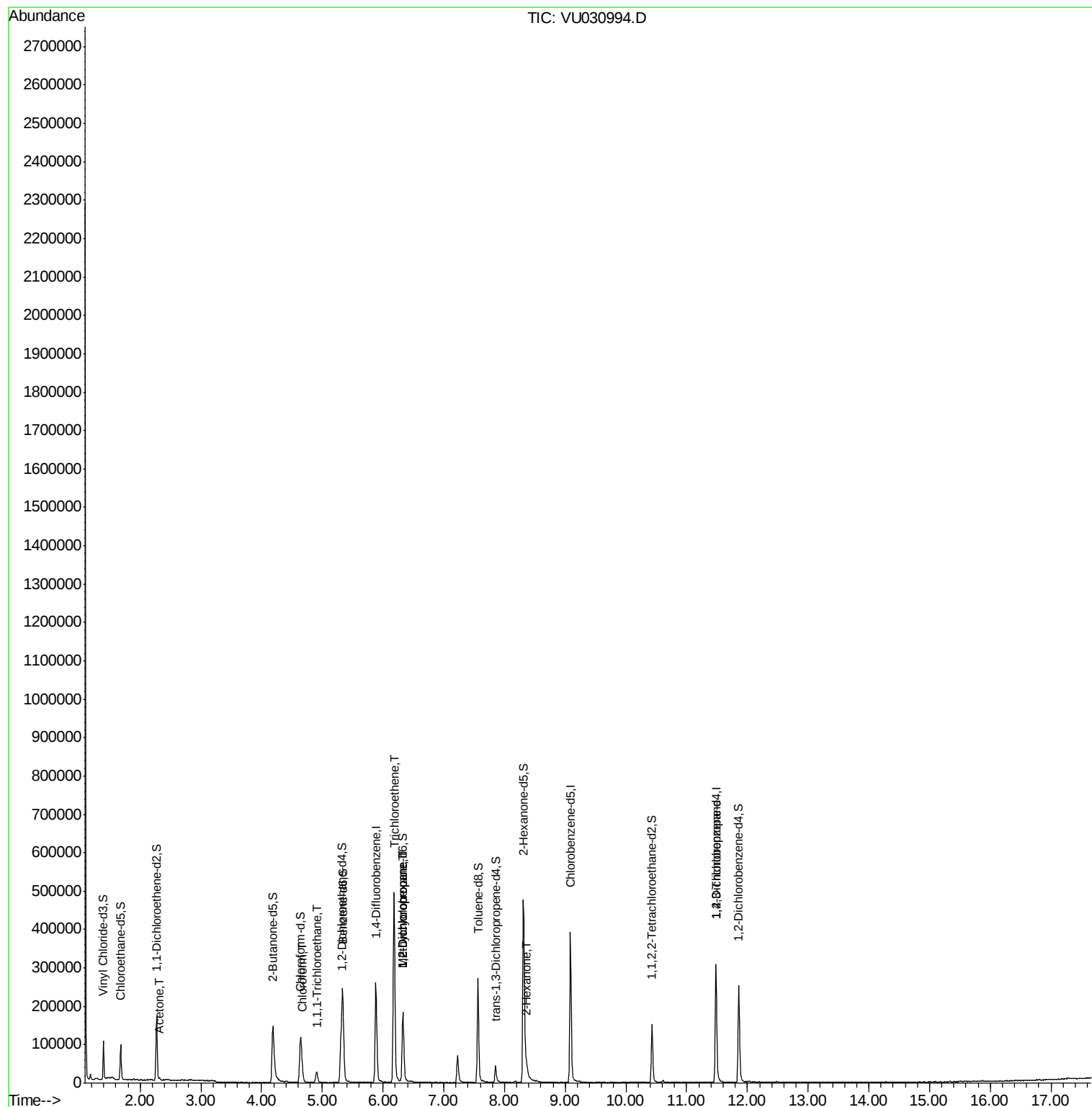
					Ovalue
13) Acetone	2.32	43	5319	1.685 ug/L	90
25) Chloroform	4.67	83	19997	0.649 ug/L	90
29) 1,1,1-Trichloroethane	4.91	97	21466	0.766 ug/L	99
34) Trichloroethene	6.18	95	181473	9.742 ug/L	96
35) Methylcyclohexane	6.32	83	19945	0.671 ug/L #	14
37) 1,2-Dichloropropane	6.32	63	9991	0.488 ug/L #	90
48) 2-Hexanone	8.37	43	14552	1.644 ug/L #	88
59) 1,2,3-Trichloropropane	11.48	75	11068	0.967 ug/L	93

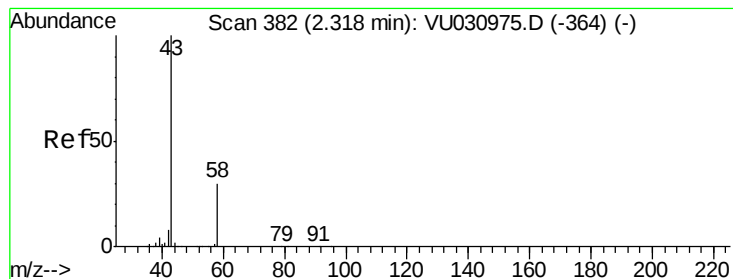
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 10 08:26:32 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.685 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030994.D

Acq: 10 Apr 2019 07:09

Instrument :

MSVOA_U

ClientSampleId :

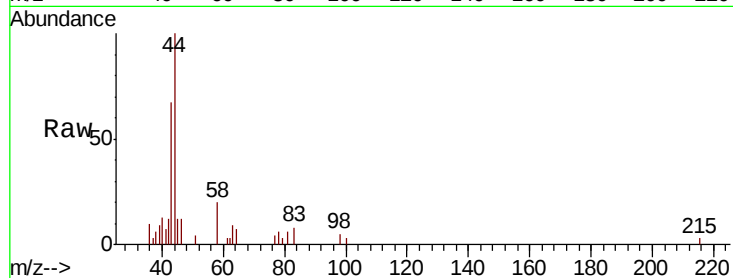
BEZJ0

Tot Ion: 43 Resp: 5319

Ion Ratio Lower Upper

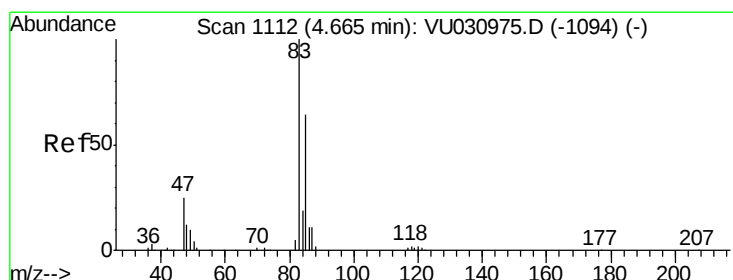
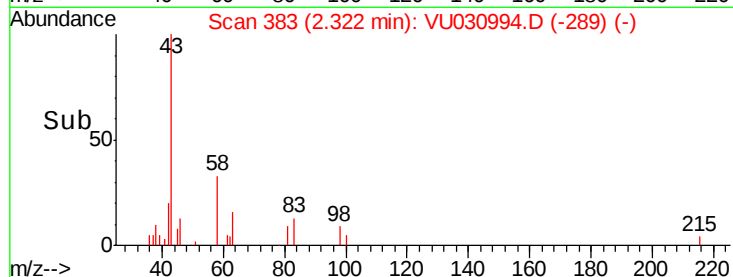
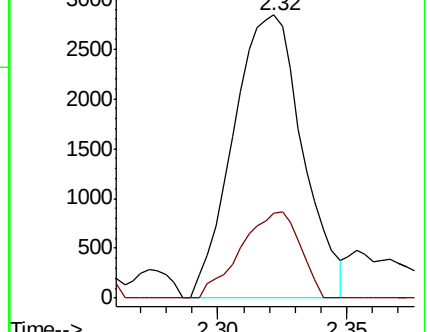
43 100

58 26.1 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU030994.D (-364) (-)

Ion 58.05 (57.75 to 58.75): VU030994.D (-364) (-)



#25

Chloroform

Concen: 0.649 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VU030994.D

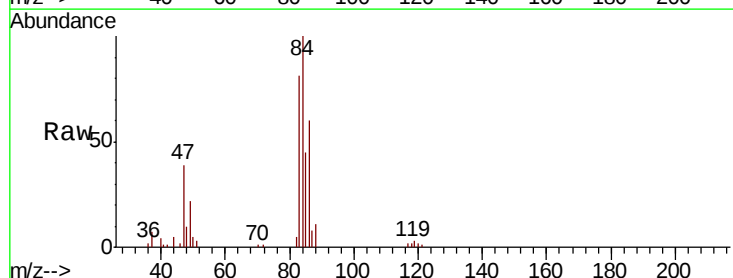
Acq: 10 Apr 2019 07:09

Tgt Ion: 83 Resp: 19997

Ion Ratio Lower Upper

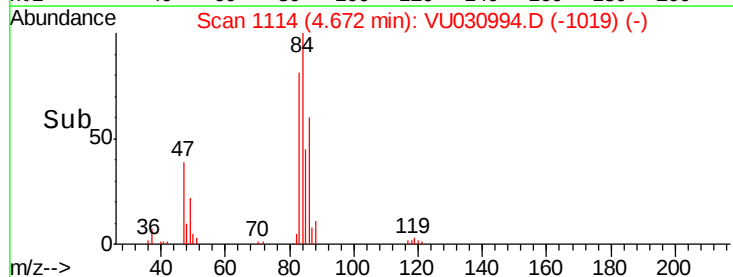
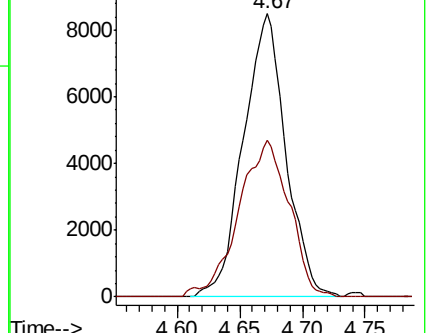
83 100

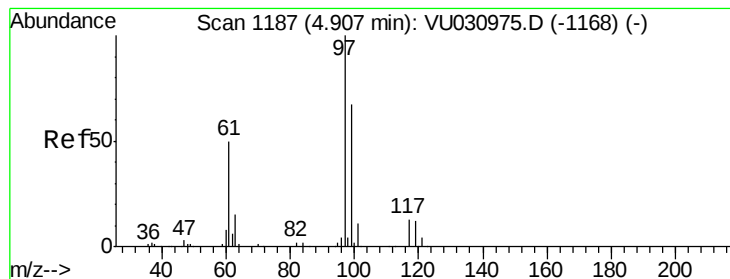
85 55.3 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VU030994.D (-1094) (-)

Ion 85.00 (84.70 to 85.70): VU030994.D (-1094) (-)





#29

1,1,1-Trichloroethane

Concen: 0.766 ug/L

RT: 4.91 min Scan# 1187

Delta R.T. 0.00 min

Lab File: VU030994.D

Acq: 10 Apr 2019 07:09

Instrument :

MSVOA_U

ClientSampleId :

BEZJ0

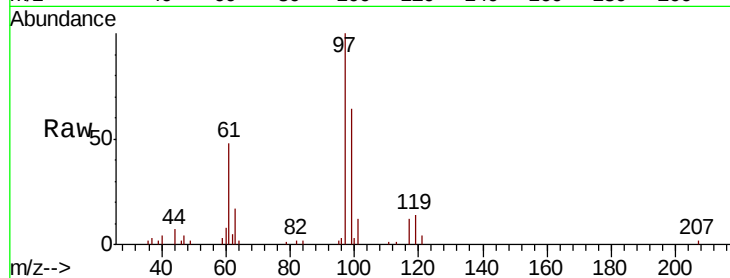
Tot Ion: 97 Resp: 21466

Ion Ratio Lower Upper

97 100

99 64.2 51.8 77.6

61 46.5 38.1 57.1

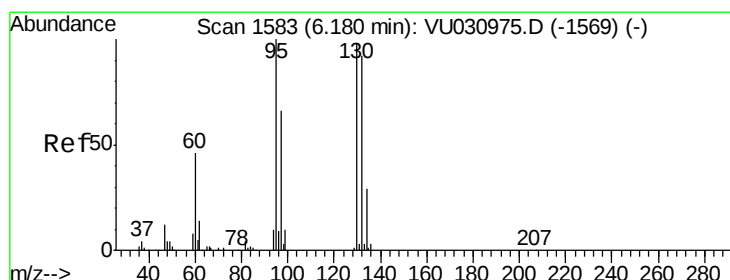
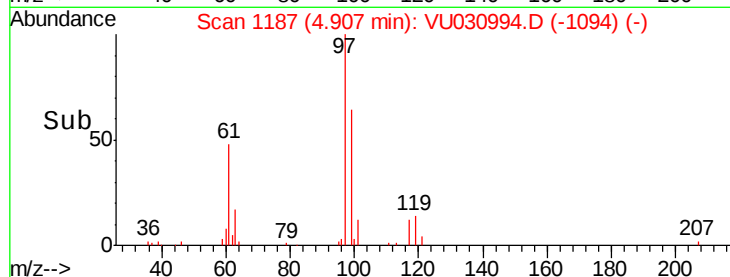
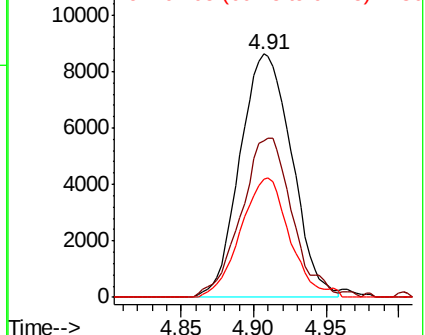


Abundance

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: 9.742 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU030994.D

Acq: 10 Apr 2019 07:09

Tgt Ion: 95 Resp: 181473

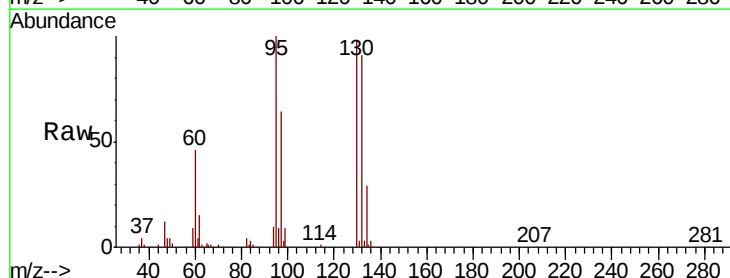
Ion Ratio Lower Upper

95 100

97 64.3 43.5 80.9

132 91.3 60.7 112.7

130 97.5 65.1 120.9



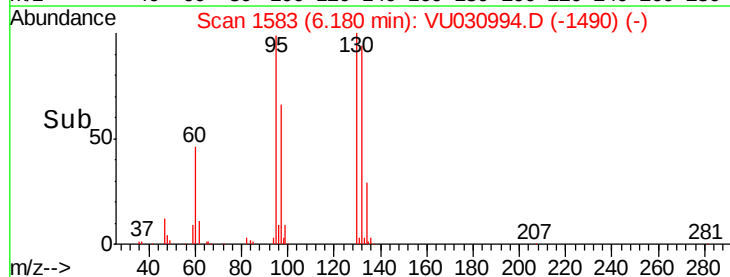
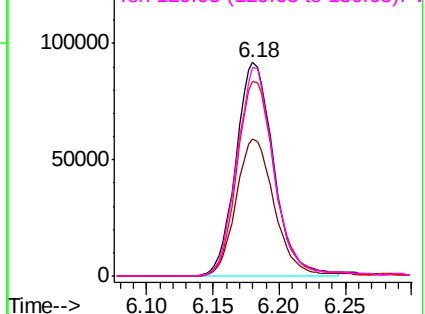
Abundance

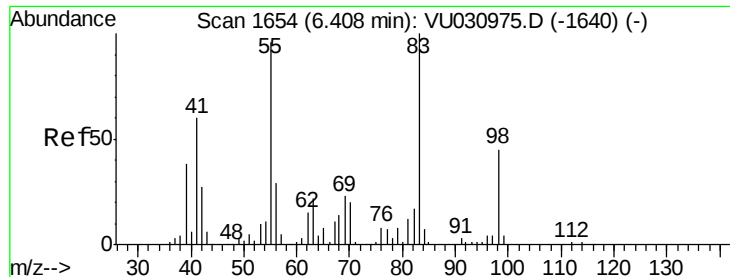
Ion 95.00 (94.70 to 95.70): VU0

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

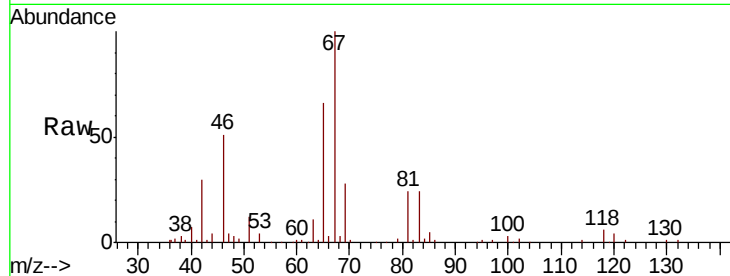




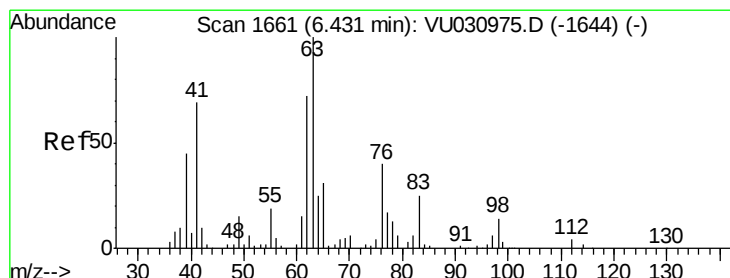
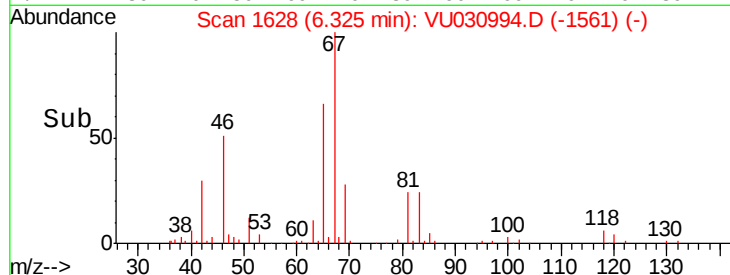
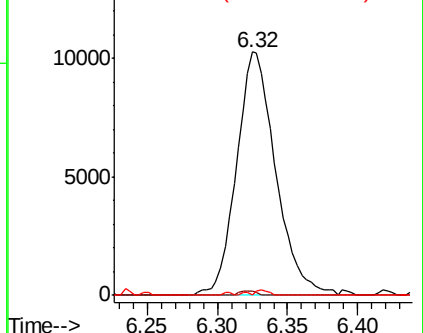
#35
Methvlcvclohexane
Concen: 0.671 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU030994.D
Acq: 10 Apr 2019 07:09

Instrument :
MSVOA_U
ClientSampled :
BEZJO

Tot Ion: 83 Resp: 19945
Ion Ratio Lower Upper
83 100
55 0.7 72.6 108.8#
98 1.0 35.0 52.6#

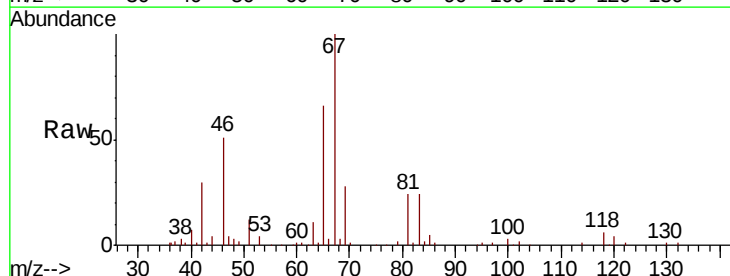


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

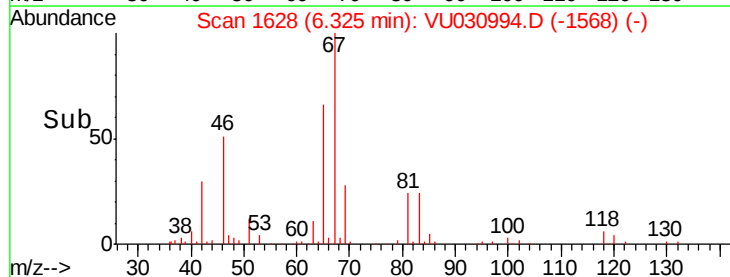
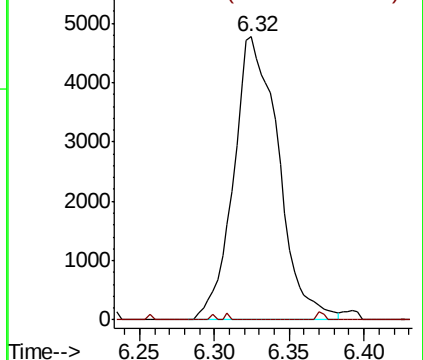


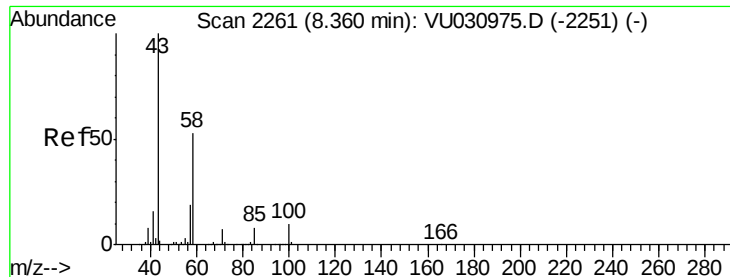
#37
1,2-Dichloropropane
Concen: 0.488 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.11 min
Lab File: VU030994.D
Acq: 10 Apr 2019 07:09

Tgt Ion: 63 Resp: 9991
Ion Ratio Lower Upper
63 100
112 0.2 2.8 4.2#



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

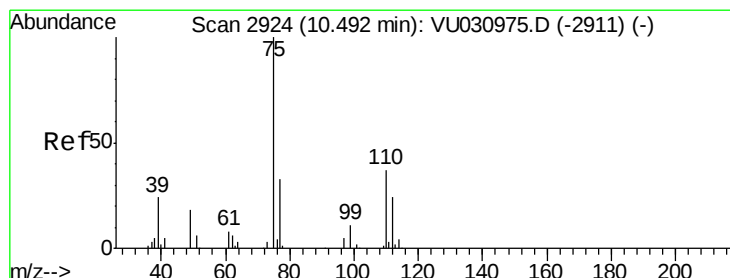
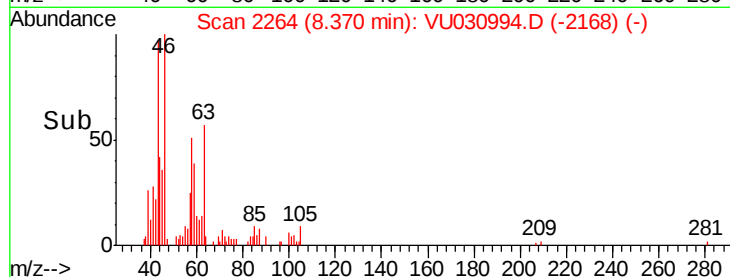
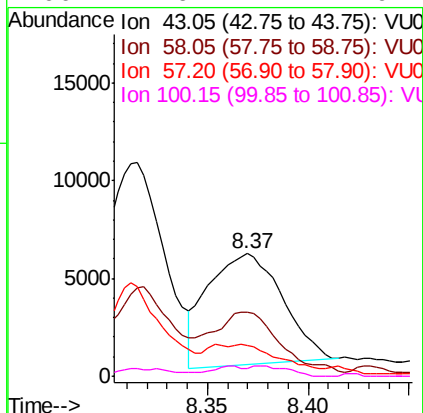
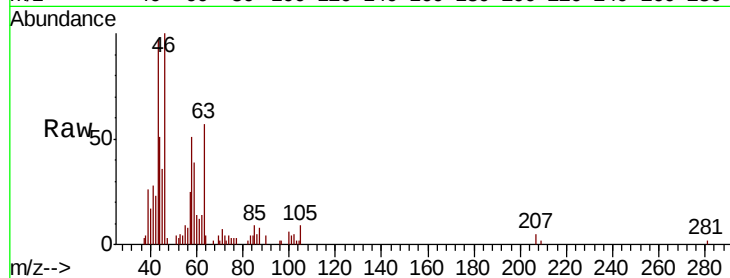




#48
 2-Hexanone
 Concen: 1.644 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU030994.D
 Acq: 10 Apr 2019 07:09

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZJ0

Tot Ion: 43 Resp: 14552
 Ion Ratio Lower Upper
 43 100
 58 51.1 42.5 63.7
 57 0.0 13.9 20.9#
 100 4.6 7.1 10.7#



#59
 1,2,3-Trichloropropane
 Concen: 0.967 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030994.D
 Acq: 10 Apr 2019 07:09

Tgt Ion: 75 Resp: 11068
 Ion Ratio Lower Upper
 75 100
 77 35.9 25.6 38.4

