

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041919\
 Data File : VU031320.D
 Acq On : 18 Apr 2019 20:33
 Operator : JC/SP
 Sample : K2451-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAMX8

Quant Time: Apr 19 04:43:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 19 04:38:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	179280	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	187047	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	71358	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	91518	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.68	69	80359	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.27	63	143010	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.21	46	257535	66.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.30%#
24) Chloroform-d	4.64	84	133080	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	5.31	65	73192	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	5.34	84	246136	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.33	67	82877	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.56	98	204897	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	7.85	79	28673	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.31	63	138851	45.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	67259	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	73453	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

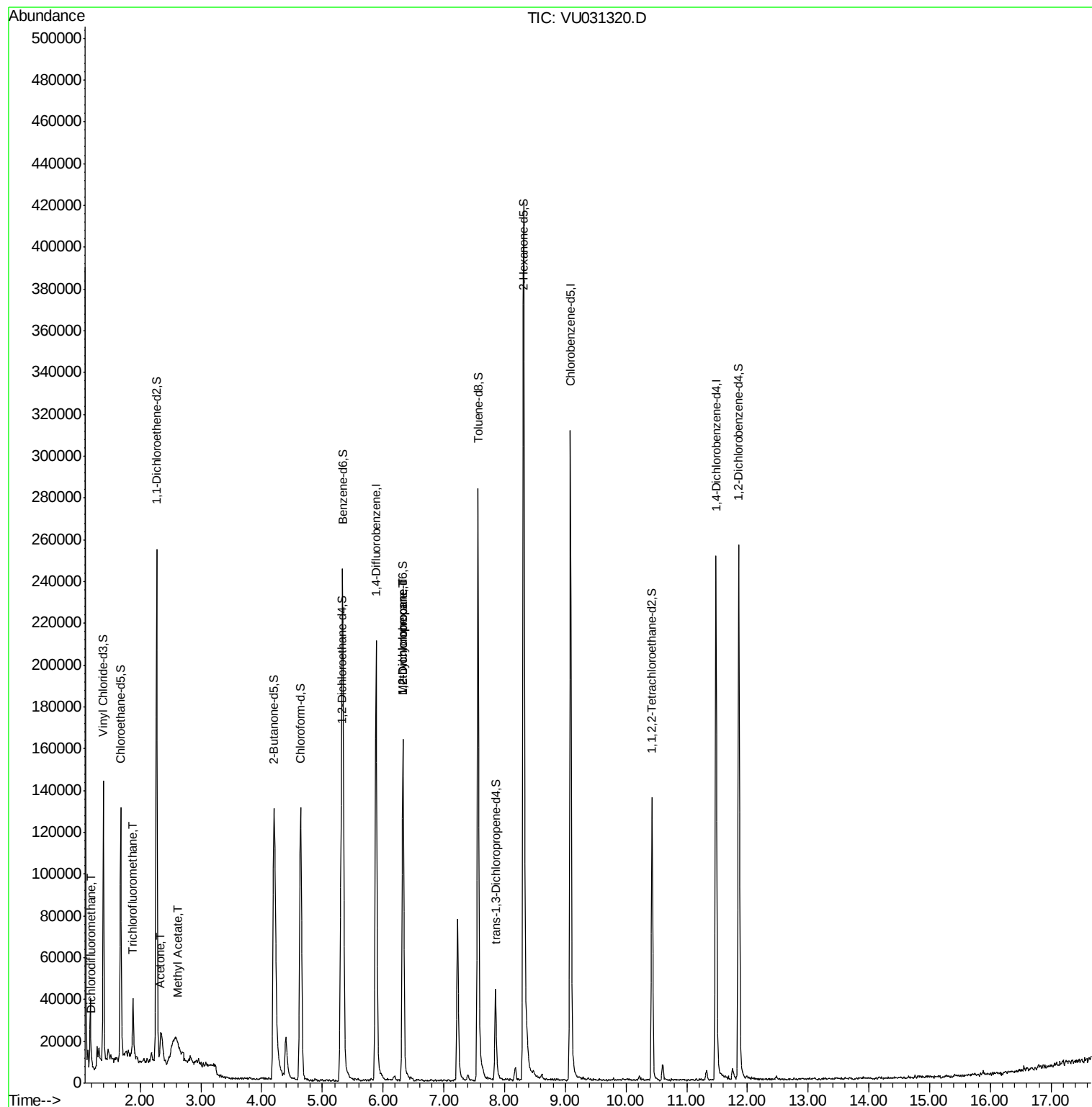
					Qvalue
2) Dichlorodifluoromethane	1.20	85	2563	0.124 ug/L	99
9) Trichlorofluoromethane	1.88	101	16127	0.451 ug/L	90
13) Acetone	2.34	43	18797	4.373 ug/L	98
15) Methyl Acetate	2.62	43	1584	0.135 ug/L #	67
35) Methylcyclohexane	6.33	83	19492	0.825 ug/L #	15
37) 1,2-Dichloropropane	6.33	63	8601	0.514 ug/L #	87

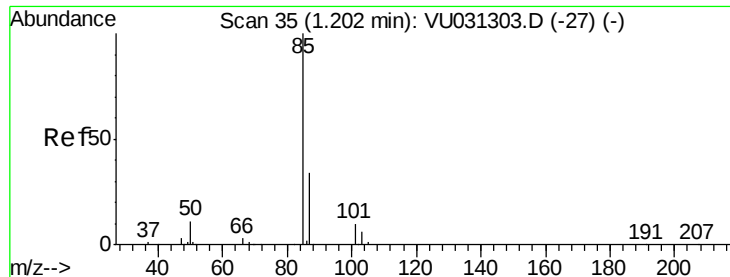
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.124 ug/L

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU031320.D

Acq: 18 Apr 2019 20:33

Instrument :

MSVOA_U

ClientSampleId :

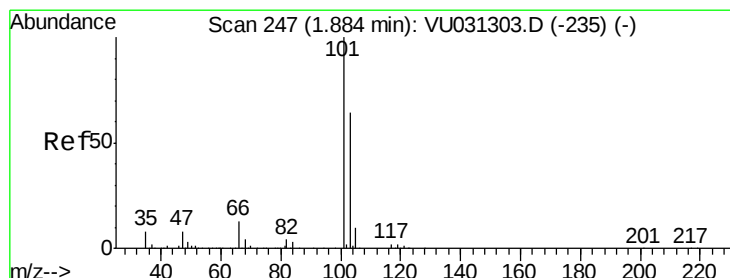
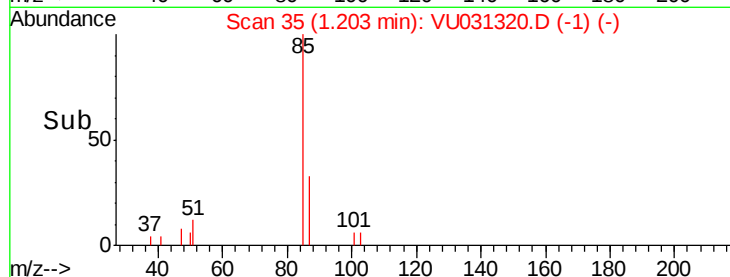
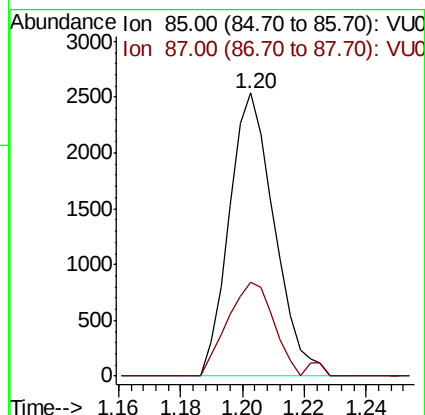
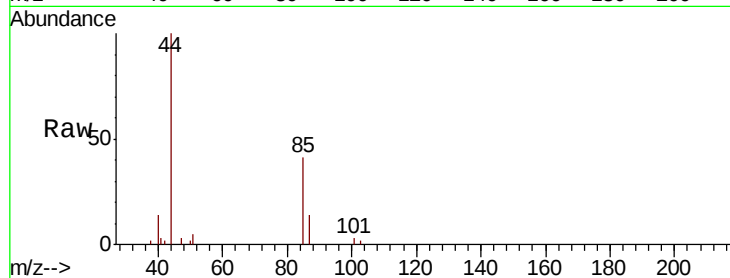
YAMX8

Tgt Ion: 85 Resp: 2563

Ion Ratio Lower Upper

85 100

87 34.1 26.8 40.2



#9

Trichlorofluoromethane

Concen: 0.451 ug/L

RT: 1.88 min Scan# 246

Delta R.T. -0.00 min

Lab File: VU031320.D

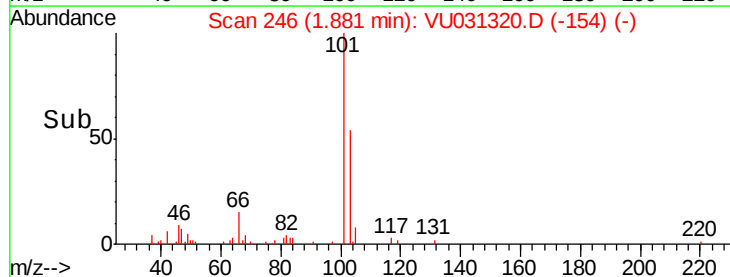
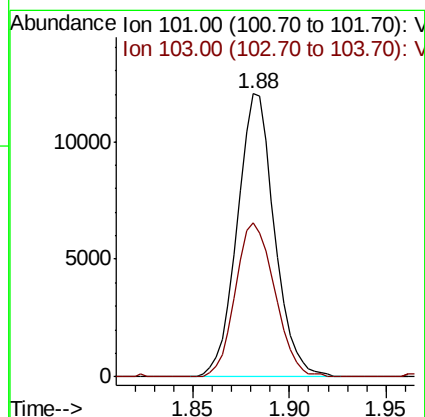
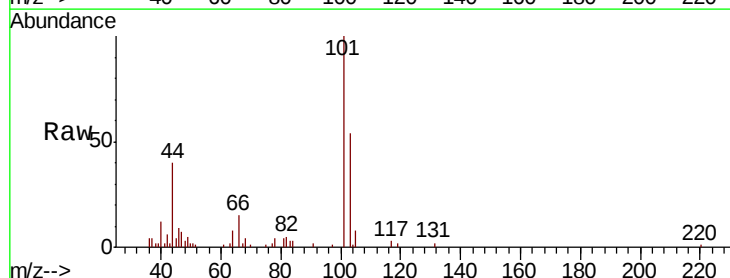
Acq: 18 Apr 2019 20:33

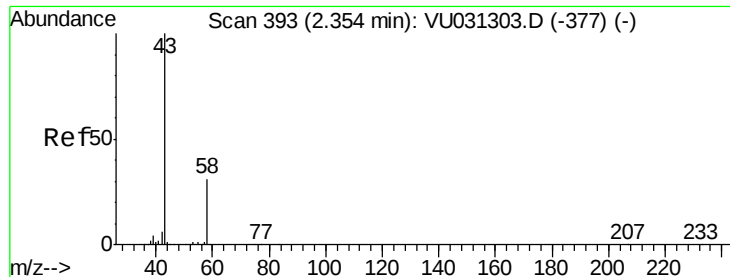
Tgt Ion: 101 Resp: 16127

Ion Ratio Lower Upper

101 100

103 57.5 52.3 78.5





#13

Acetone

Concen: 4.373 ug/L

RT: 2.34 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU031320.D

Acq: 18 Apr 2019 20:33

Instrument :

MSVOA_U

ClientSampleId :

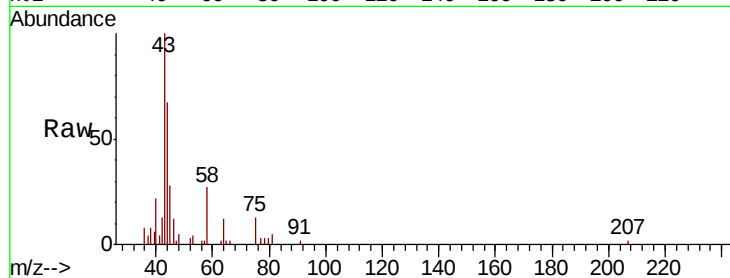
YAMX8

Tgt Ion: 43 Resp: 18797

Ion Ratio Lower Upper

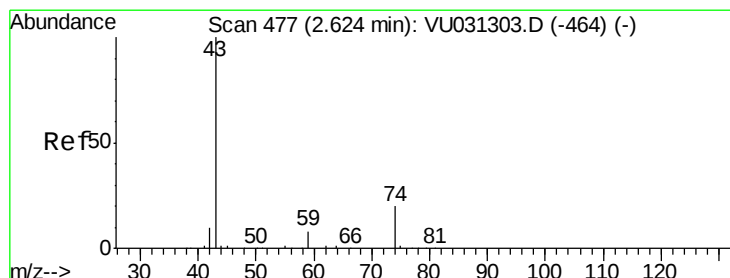
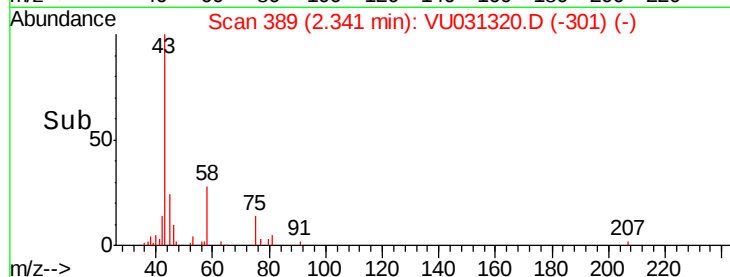
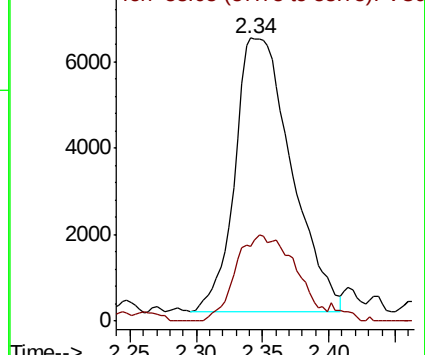
43 100

58 33.2 0.0 64.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#15

Methyl Acetate

Concen: 0.135 ug/L

RT: 2.62 min Scan# 477

Delta R.T. 0.00 min

Lab File: VU031320.D

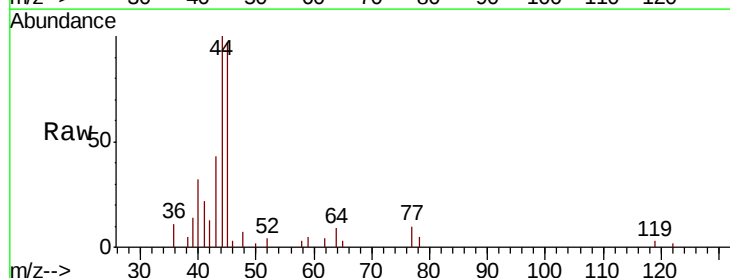
Acq: 18 Apr 2019 20:33

Tgt Ion: 43 Resp: 1584

Ion Ratio Lower Upper

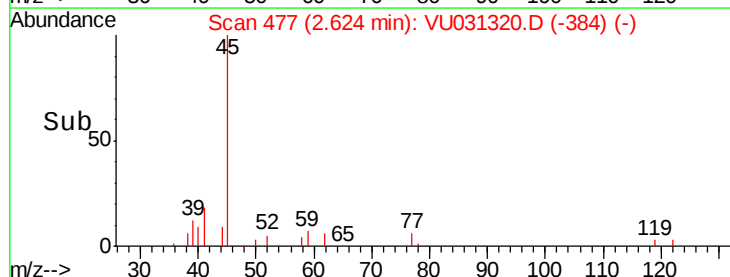
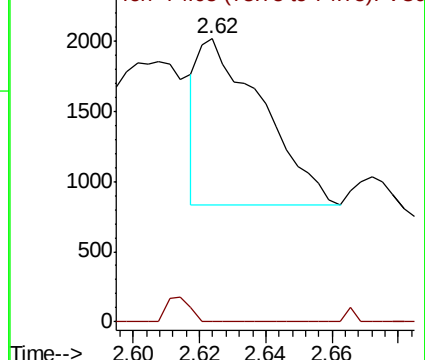
43 100

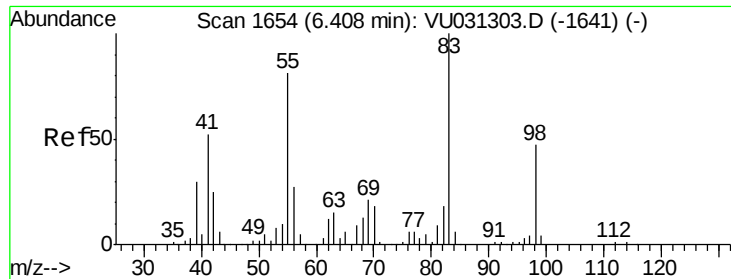
74 5.4 16.7 25.1#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

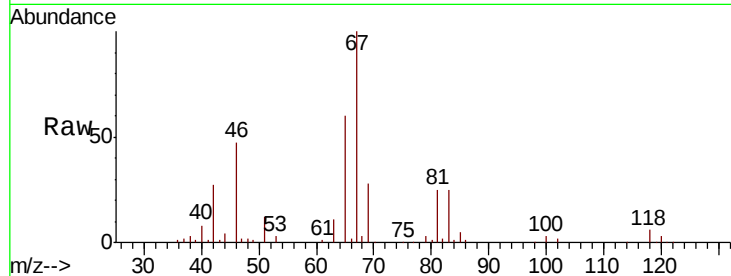




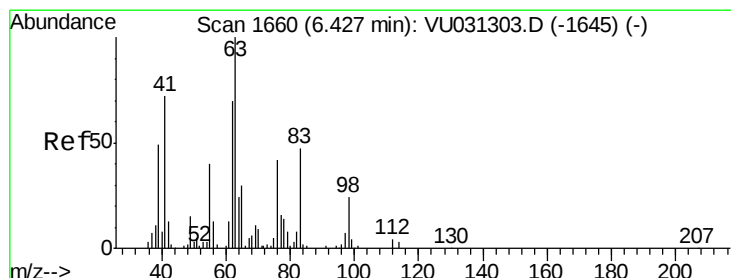
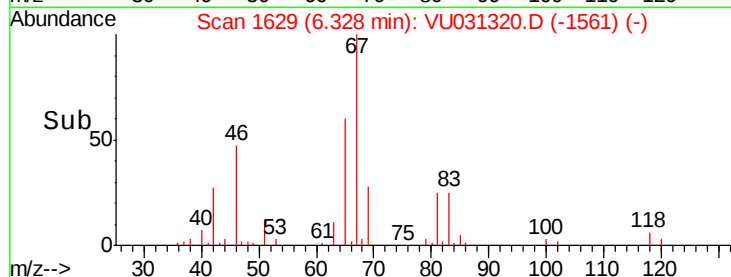
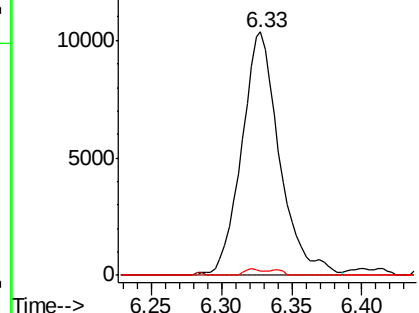
#35
Methylcyclohexane
Concen: 0.825 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU031320.D
Acq: 18 Apr 2019 20:33

Instrument :
MSVOA_U
ClientSampleId :
YAMX8

Tgt Ion: 83 Resp: 19492
Ion Ratio Lower Upper
83 100
55 0.2 70.6 105.8#
98 1.0 37.0 55.4#

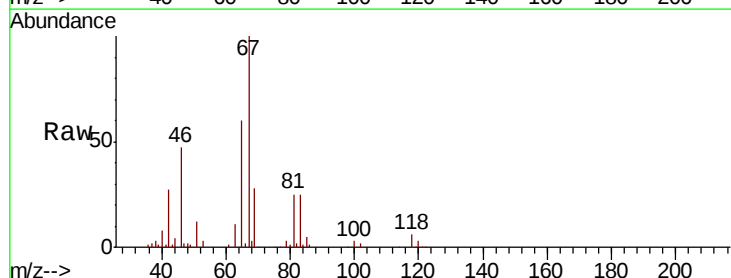


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0



#37
1,2-Dichloropropane
Concen: 0.514 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU031320.D
Acq: 18 Apr 2019 20:33

Tgt Ion: 63 Resp: 8601
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



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

