

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041919\
 Data File : VU031307.D
 Acq On : 18 Apr 2019 15:16
 Operator : JC/SP
 Sample : K2410-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XE5

Quant Time: Apr 19 04:41:42 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	201462	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	199330	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	79647	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	105728	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.68	69	86004	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.27	63	159967	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	4.20	46	214668	49.44	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.88%
24) Chloroform-d	4.64	84	138674	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.31	65	78218	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.33	84	267586	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.33	67	88254	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.56	98	226702	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.85	79	32425	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.31	63	158922	49.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.32%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	71561	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	89605	5.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.40%

Target Compounds

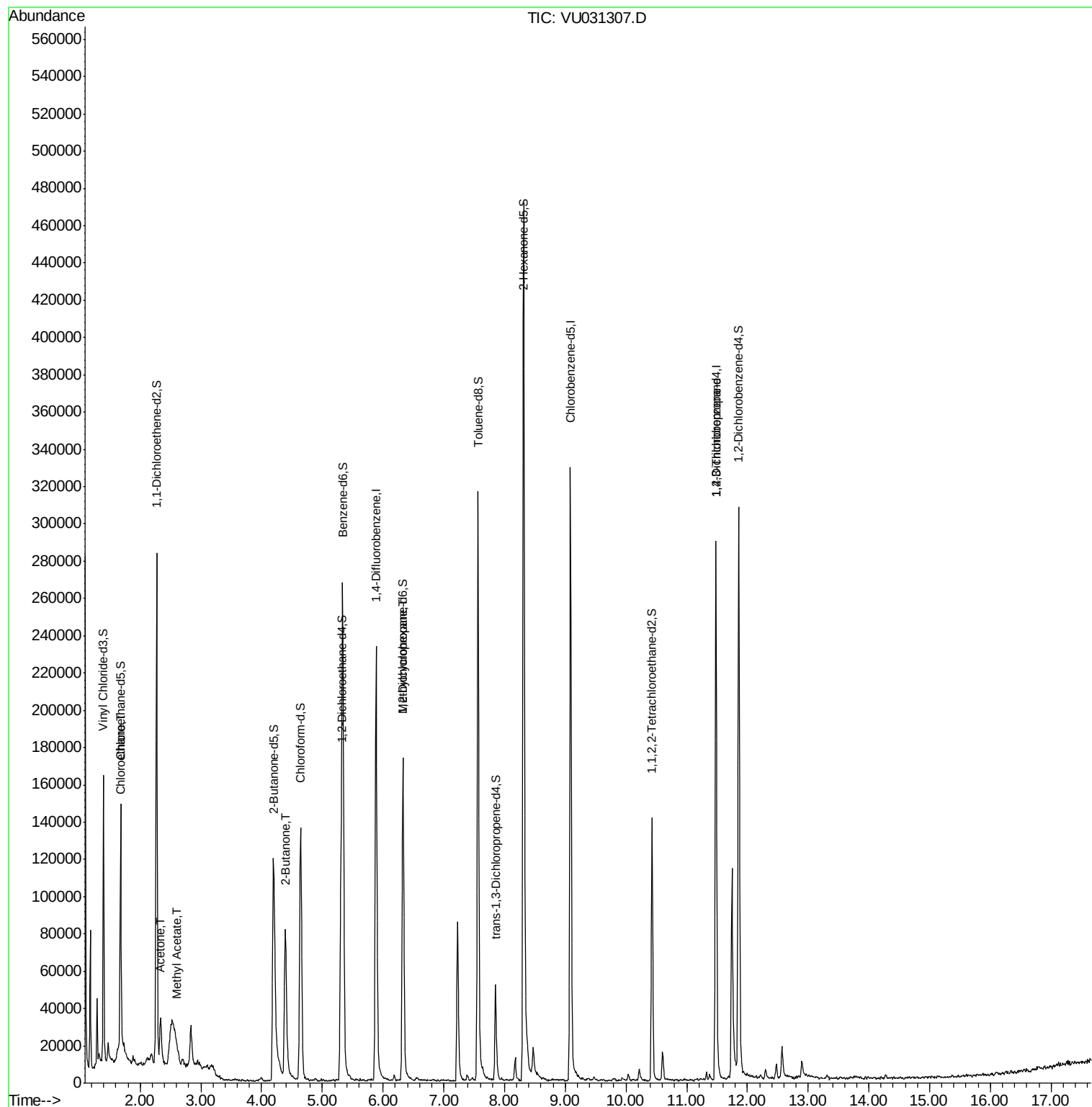
					Qvalue
8) Chloroethane	1.69	64	1461	0.080 ug/L #	73
13) Acetone	2.34	43	29132	6.031 ug/L	98
15) Methyl Acetate	2.61	43	2566	0.194 ug/L #	60
21) 2-Butanone	4.39	43	123148	24.804 ug/L #	52
35) Methylcyclohexane	6.33	83	20755	0.824 ug/L #	15
59) 1,2,3-Trichloropropane	11.48	75	9597	0.825 ug/L	97

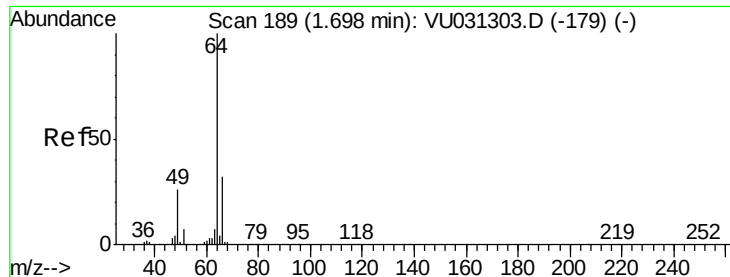
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.080 ug/L

RT: 1.69 min Scan# 187

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

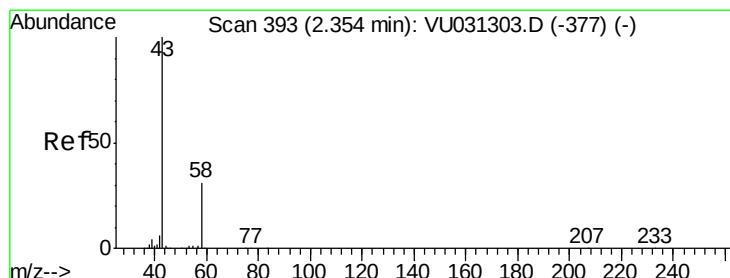
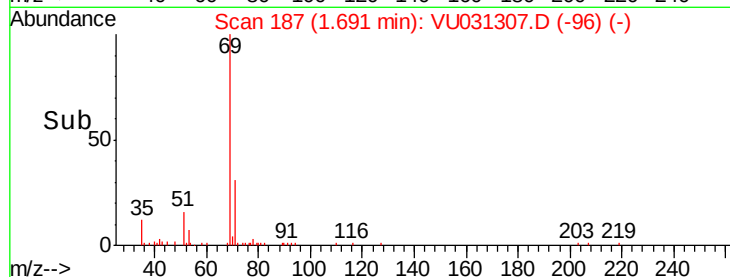
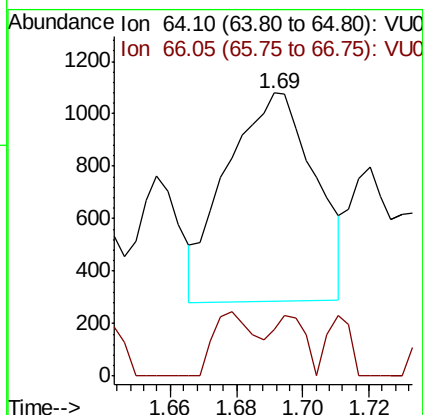
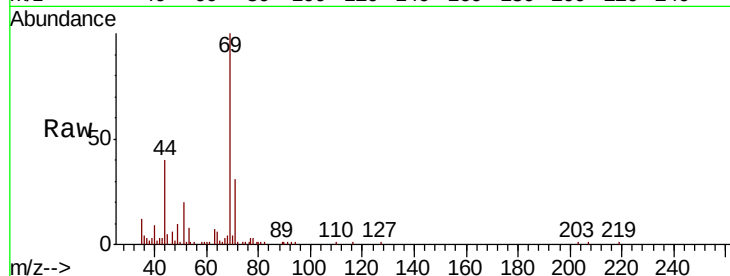
C0XE5

Tgt Ion: 64 Resp: 1461

Ion Ratio Lower Upper

64 100

66 16.3 21.9 40.7#



#13

Acetone

Concen: 6.031 ug/L

RT: 2.34 min Scan# 388

Delta R.T. -0.02 min

Lab File: VU031307.D

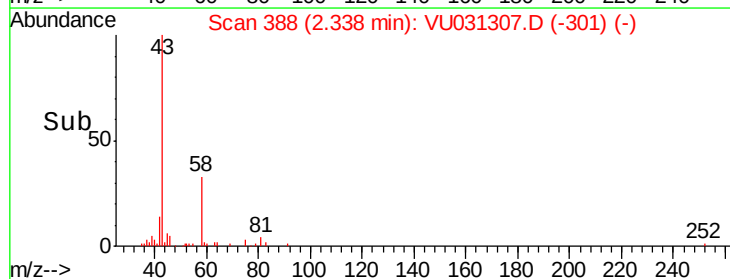
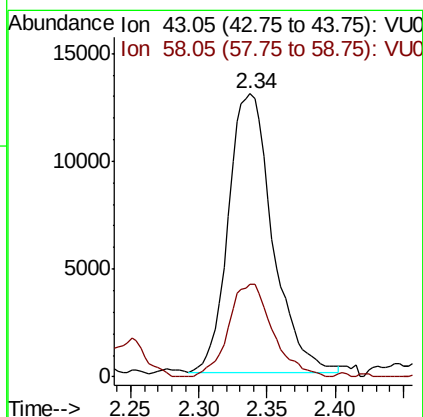
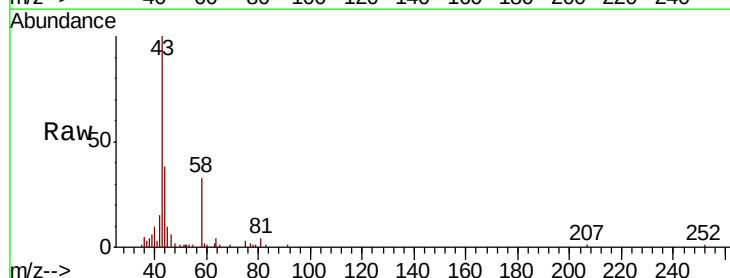
Acq: 18 Apr 2019 15:16

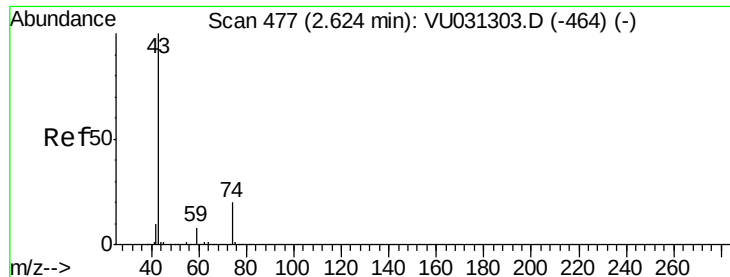
Tgt Ion: 43 Resp: 29132

Ion Ratio Lower Upper

43 100

58 33.3 0.0 64.4

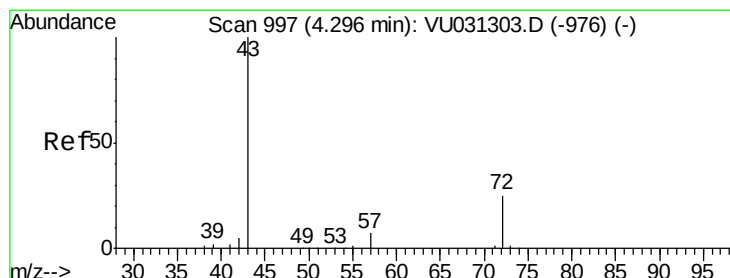
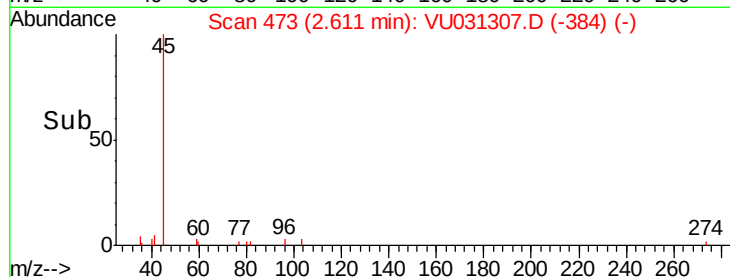
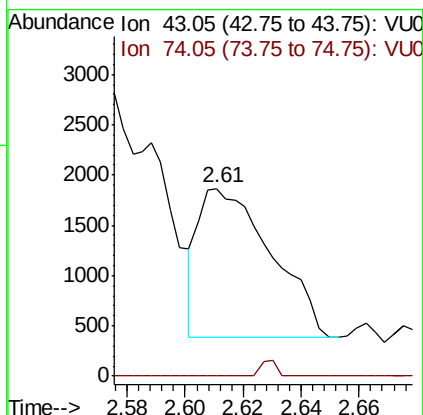
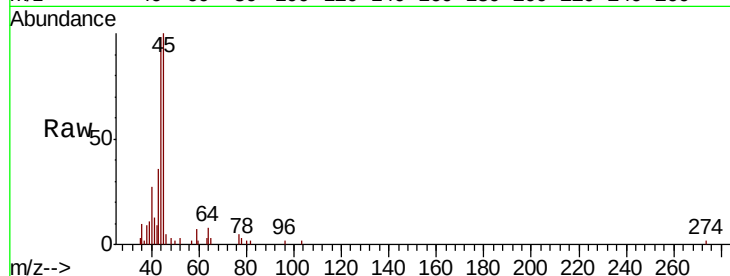




#15
Methyl Acetate
Concen: 0.194 ug/L
RT: 2.61 min Scan# 473
Delta R.T. -0.01 min
Lab File: VU031307.D
Acq: 18 Apr 2019 15:16

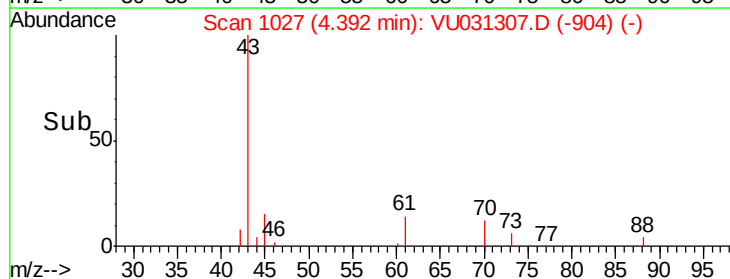
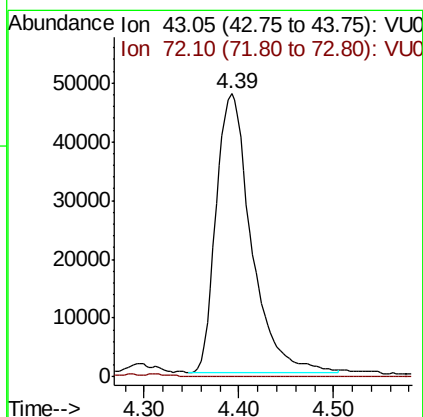
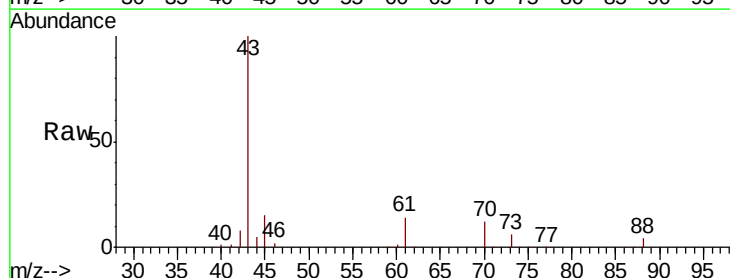
Instrument :
MSVOA_U
ClientSampleId :
C0XE5

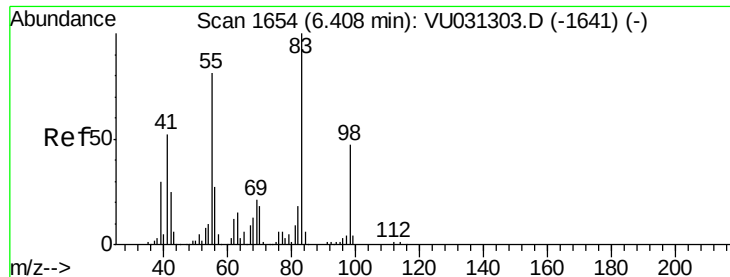
Tgt Ion: 43 Resp: 2566
Ion Ratio Lower Upper
43 100
74 2.3 16.7 25.1#



#21
2-Butanone
Concen: 24.804 ug/L
RT: 4.39 min Scan# 1027
Delta R.T. 0.10 min
Lab File: VU031307.D
Acq: 18 Apr 2019 15:16

Tgt Ion: 43 Resp: 123148
Ion Ratio Lower Upper
43 100
72 0.0 11.8 35.4#





#35

Methylcyclohexane

Concen: 0.824 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU031307.D

Acq: 18 Apr 2019 15:16

Instrument :

MSVOA_U

ClientSampled :

C0XE5

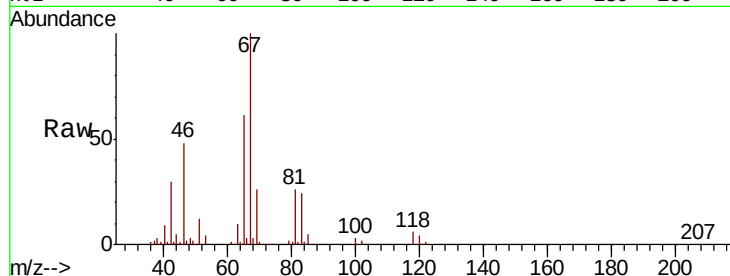
Tgt Ion: 83 Resp: 20755

Ion Ratio Lower Upper

83 100

55 0.4 70.6 105.8#

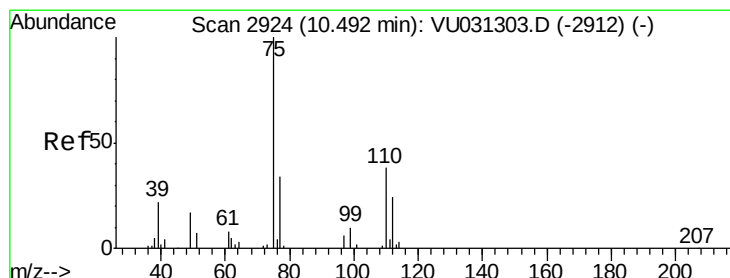
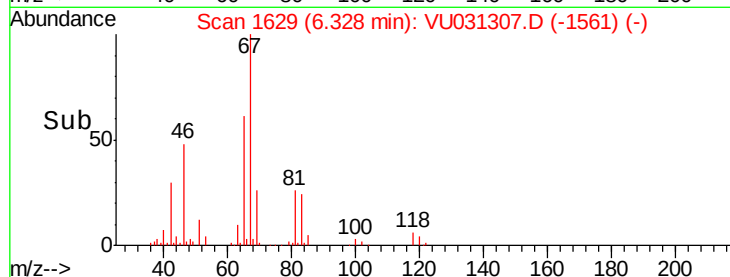
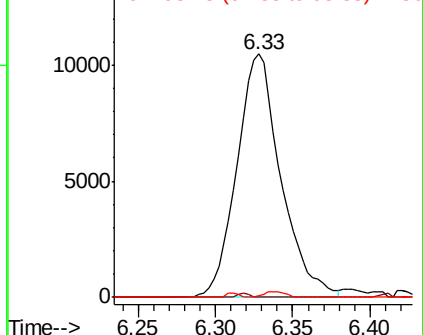
98 1.2 37.0 55.4#



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



#59

1,2,3-Trichloropropane

Concen: 0.825 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031307.D

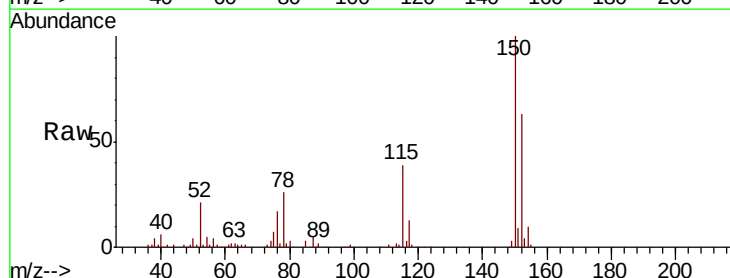
Acq: 18 Apr 2019 15:16

Tgt Ion: 75 Resp: 9597

Ion Ratio Lower Upper

75 100

77 35.6 27.0 40.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

