

Data File : VU033402.D
Acq On : 25 Jul 2019 12:04
Operator : JC/SP
Sample : K3957-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2A05

Quant Time: Jul 26 04:37:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 26 04:32:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	246542	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	255414	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	109898	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	79594	42.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.30%
7) Chloroethane-d5	1.67	69	77427	48.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.12%
11) 1,1-Dichloroethene-d2	2.26	63	107602	31.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.58%
21) 2-Butanone-d5	4.15	46	124785	105.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.52%
24) Chloroform-d	4.62	84	158485	50.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.34%
26) 1,2-Dichloroethane-d4	5.28	65	107006	53.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.68%
32) Benzene-d6	5.32	84	302903	48.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.68%
36) 1,2-Dichloropropane-d6	6.31	67	103839	51.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.46%
41) Toluene-d8	7.55	98	264818	44.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.64%
43) trans-1,3-Dichloropropene-	7.83	79	44249	44.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.92%
47) 2-Hexanone-d5	8.30	63	87593	96.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.80%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	158258	52.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	104897	53.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.04%

Target Compounds

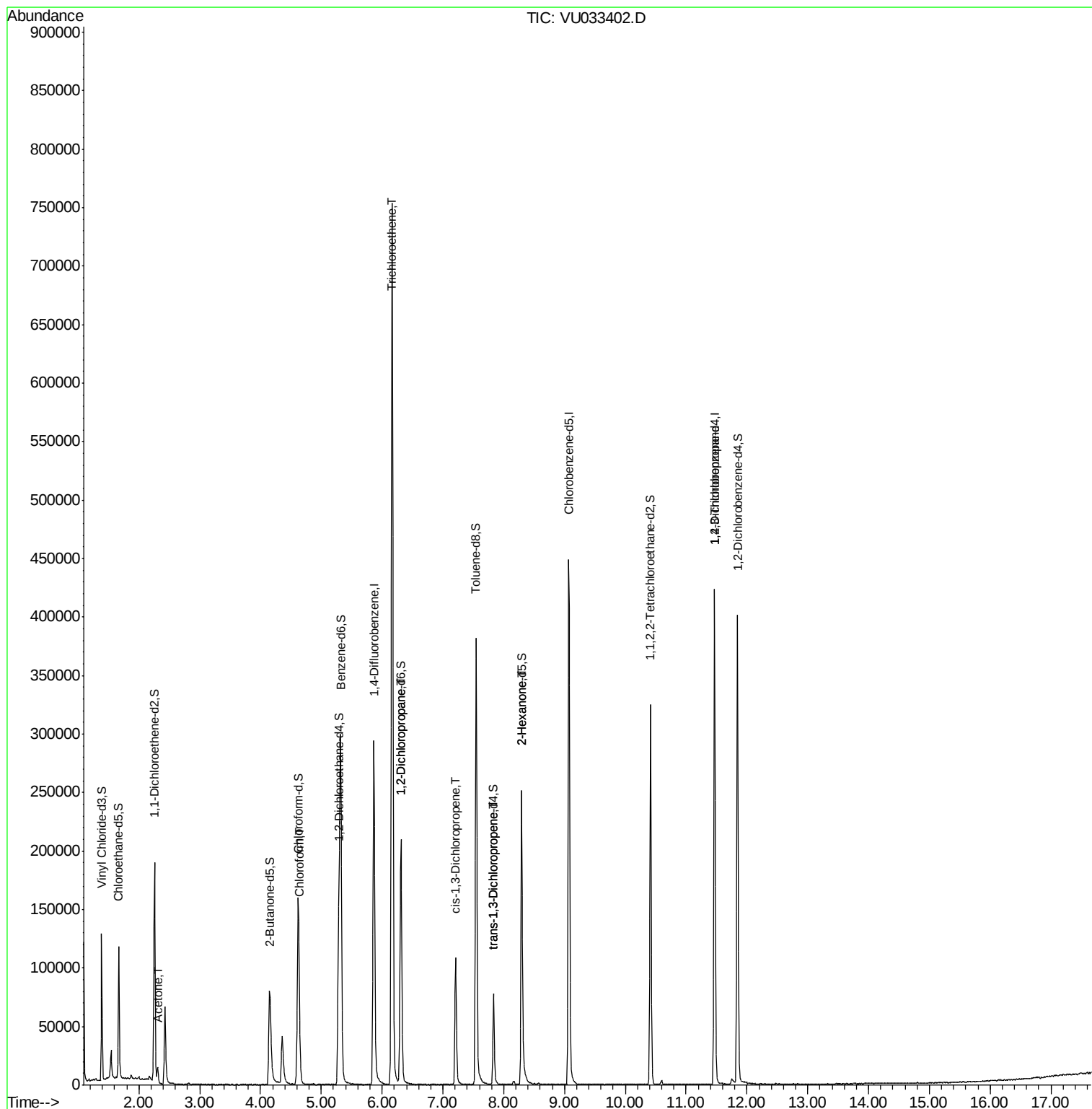
					Qvalue
13) Acetone	2.31	43	13866	9.385 ug/L	99
25) Chloroform	4.64	83	4671	1.343 ug/L	91
34) Trichloroethene	6.16	95	261736	134.361 ug/L	99
37) 1,2-Dichloropropane	6.31	63	10980	5.436 ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	2895	0.935 ug/L #	64
44) trans-1,3-Dichloropropene	7.83	75	2224	0.796 ug/L #	80
48) 2-Hexanone	8.30	43	9937	4.501 ug/L #	69
59) 1,2,3-Trichloropropane	11.47	75	13972	5.313 ug/L	89

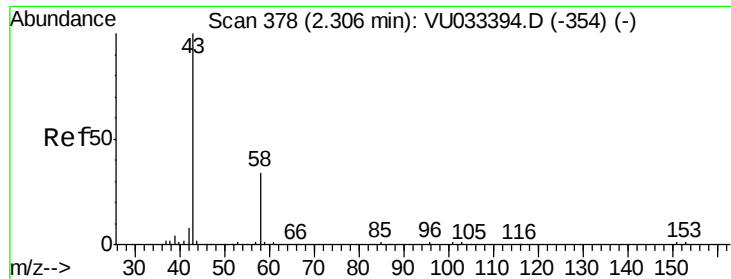
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU033402.D
Acq On : 25 Jul 2019 12:04
Operator : JC/SP
Sample : K3957-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2A05

Quant Time: Jul 26 04:37:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 26 04:32:42 2019
Response via : Initial Calibration





#13

Acetone

Concen: 9.385 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VU033402.D

Acq: 25 Jul 2019 12:04

Instrument :

MSVOA_U

ClientSampleId :

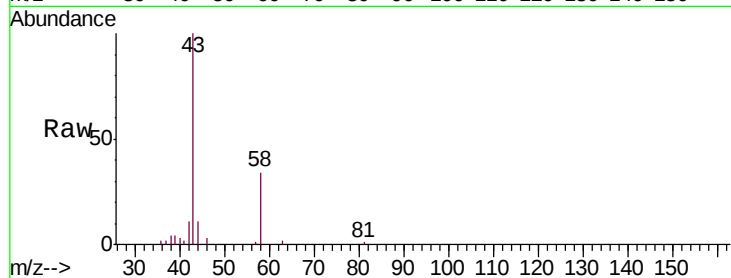
F2A05

Tgt Ion: 43 Resp: 13866

Ion Ratio Lower Upper

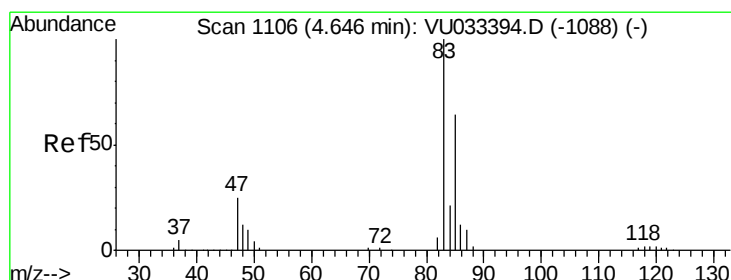
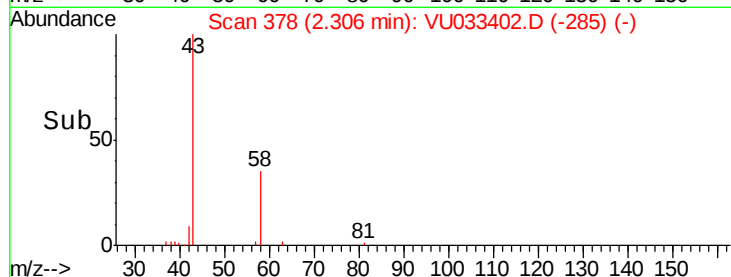
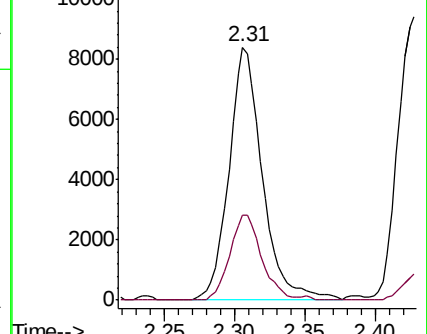
43 100

58 32.1 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU033394.D (-354) (-)

Ion 58.00 (57.70 to 58.70): VU033394.D (-354) (-)



#25

Chloroform

Concen: 1.343 ug/L

RT: 4.64 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VU033402.D

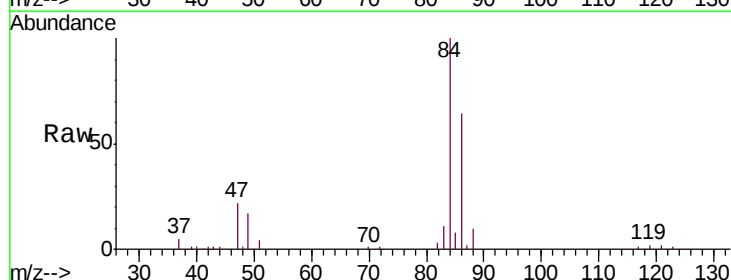
Acq: 25 Jul 2019 12:04

Tgt Ion: 83 Resp: 4671

Ion Ratio Lower Upper

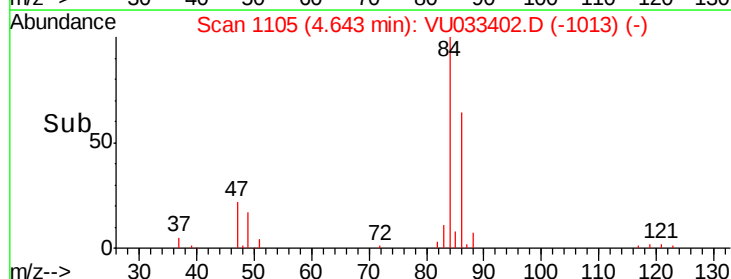
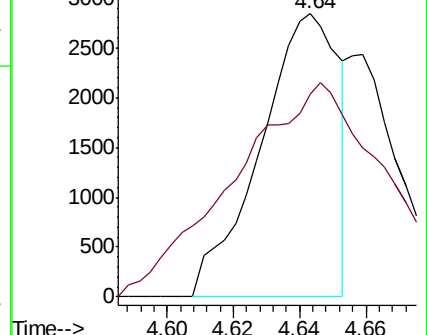
83 100

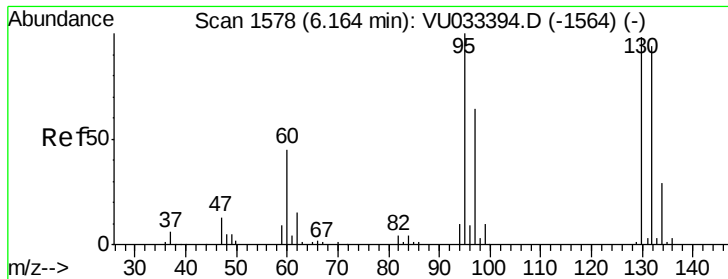
85 71.7 45.4 84.4



Abundance Ion 83.00 (82.70 to 83.70): VU033394.D (-1088) (-)

Ion 85.00 (84.70 to 85.70): VU033394.D (-1088) (-)





#34

Trichloroethene

Concen: 134.361 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU033402.D

Acq: 25 Jul 2019 12:04

Instrument :

MSVOA_U

ClientSampleId :

F2A05

Tgt Ion: 95 Resp: 261736

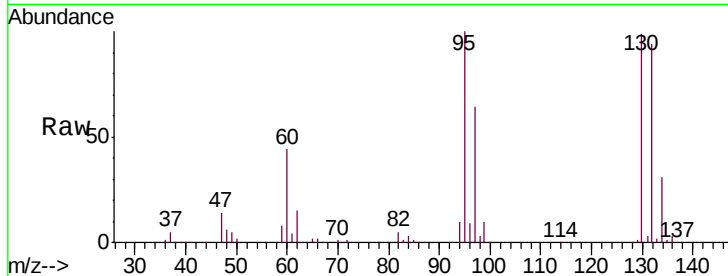
Ion Ratio Lower Upper

95 100

97 64.1 43.8 81.4

132 94.1 65.5 121.6

130 99.2 69.7 129.5

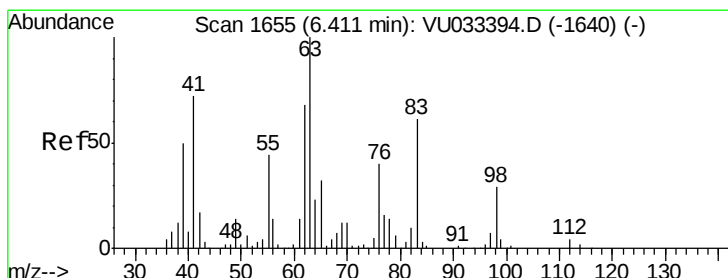
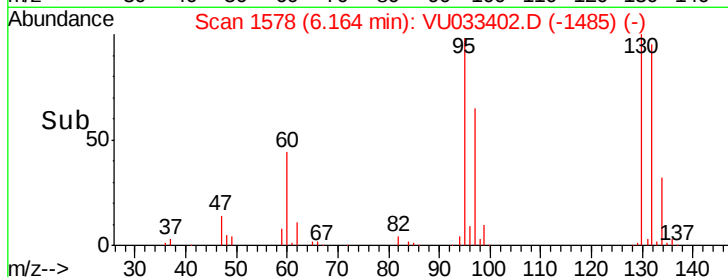
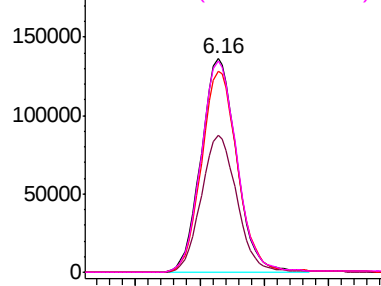


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 5.436 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU033402.D

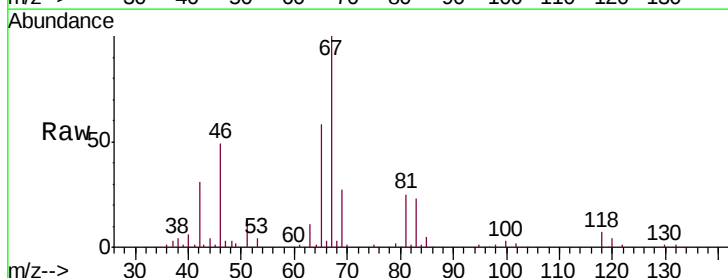
Acq: 25 Jul 2019 12:04

Tgt Ion: 63 Resp: 10980

Ion Ratio Lower Upper

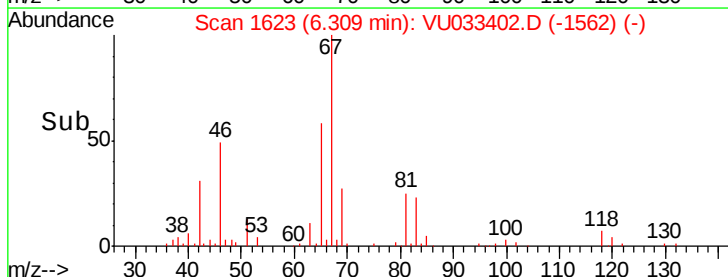
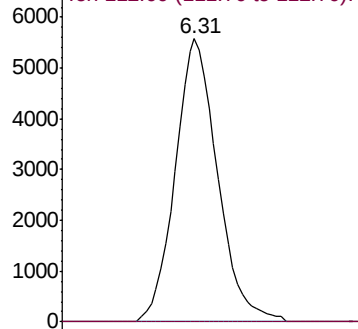
63 100

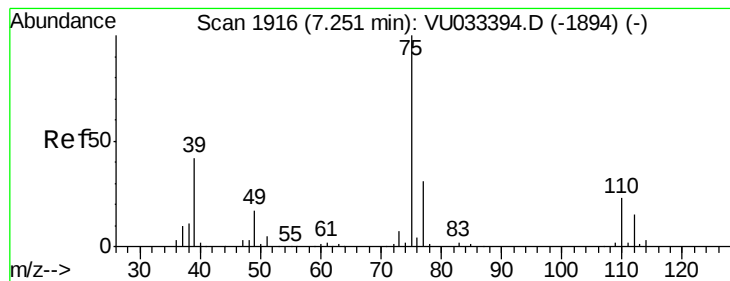
112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



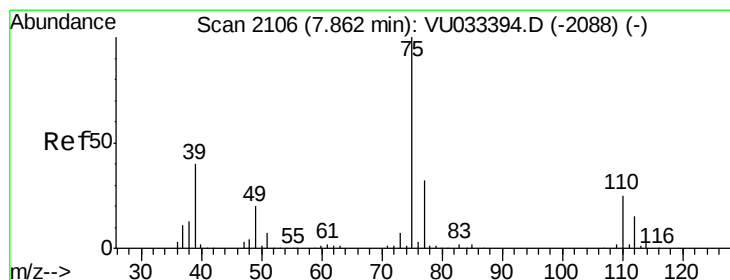
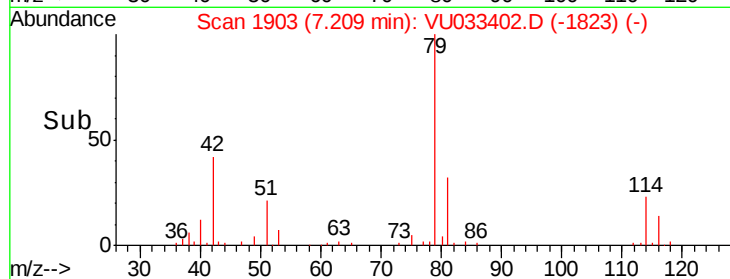
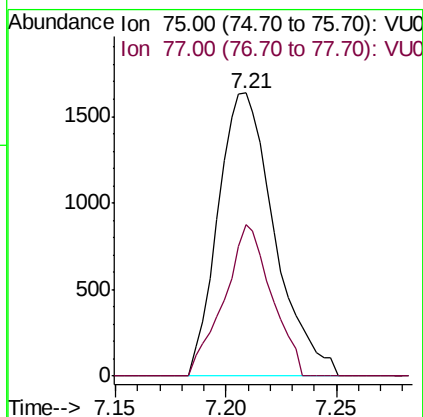
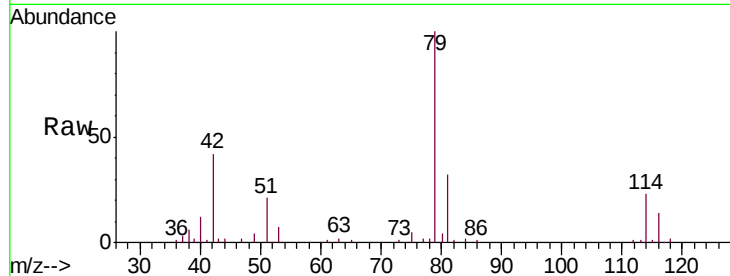


#39

cis-1,3-Dichloropropene
Concen: 0.935 ug/L
RT: 7.21 min Scan# 1903
Delta R.T. -0.04 min
Lab File: VU033402.D
Acq: 25 Jul 2019 12:04

Instrument :
MSVOA_U
ClientSampleId :
F2A05

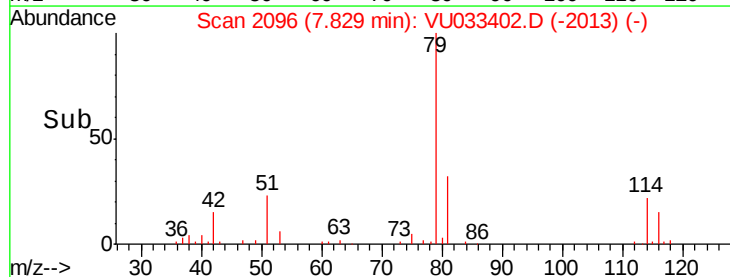
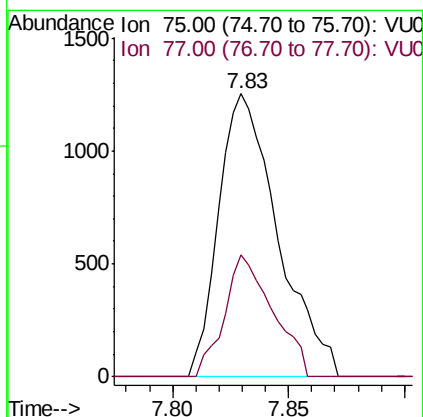
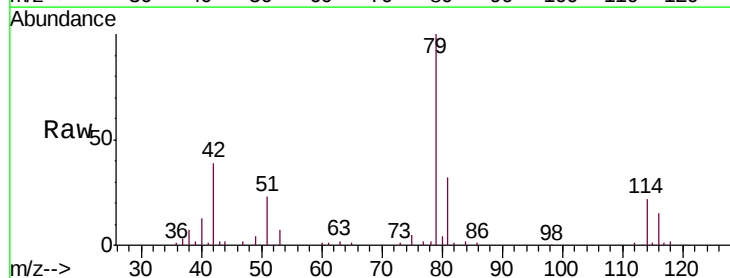
Tgt Ion: 75 Resp: 2895
Ion Ratio Lower Upper
75 100
77 53.3 23.1 42.9#

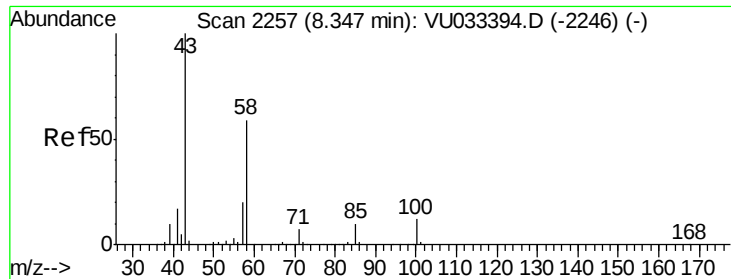


#44

trans-1,3-Dichloropropene
Concen: 0.796 ug/L
RT: 7.83 min Scan# 2096
Delta R.T. -0.03 min
Lab File: VU033402.D
Acq: 25 Jul 2019 12:04

Tgt Ion: 75 Resp: 2224
Ion Ratio Lower Upper
75 100
77 43.3 22.4 41.6#

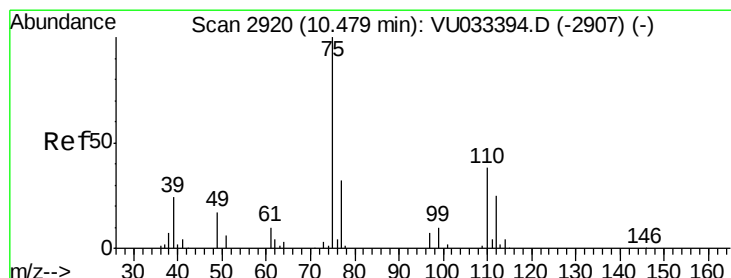
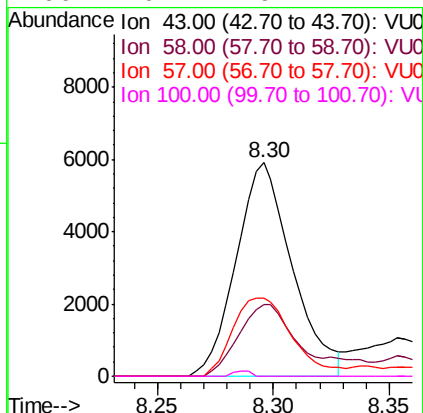
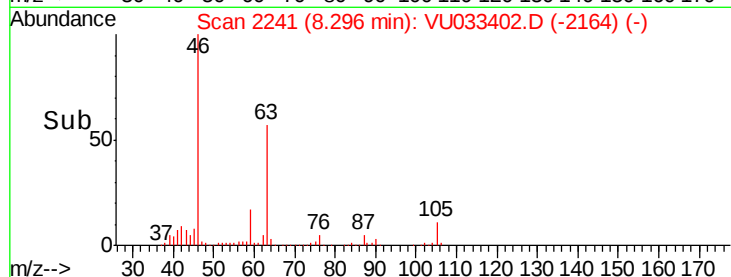
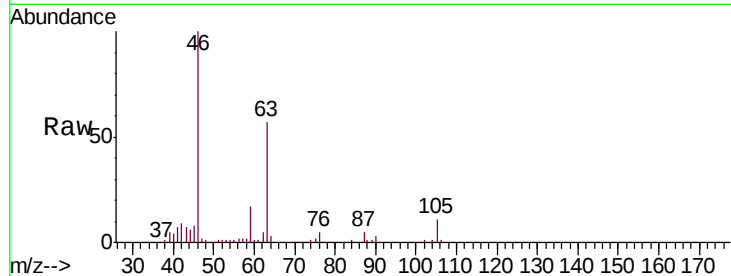




#48
 2-Hexanone
 Concen: 4.501 ug/L
 RT: 8.30 min Scan# 2241
 Delta R.T. -0.05 min
 Lab File: VU033402.D
 Acq: 25 Jul 2019 12:04

Instrument :
 MSVOA_U
 ClientSampleId :
 F2A05

Tgt Ion: 43 Resp: 9937
 Ion Ratio Lower Upper
 43 100
 58 37.1 46.1 69.1#
 57 39.0 15.8 23.8#
 100 0.7 9.4 14.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.313 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU033402.D
 Acq: 25 Jul 2019 12:04

Tgt Ion: 75 Resp: 13972
 Ion Ratio Lower Upper
 75 100
 77 38.4 26.0 39.0

