

Data File : VU033401.D
Acq On : 25 Jul 2019 11:41
Operator : JC/SP
Sample : K3957-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2A04

Quant Time: Jul 26 04:37:02 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	266714	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	273022	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	117964	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	80588	39.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.82%
7) Chloroethane-d5	1.67	69	77737	45.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.14%
11) 1,1-Dichloroethene-d2	2.26	63	114488	31.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.52%
21) 2-Butanone-d5	4.15	46	126404	98.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.81%
24) Chloroform-d	4.62	84	157364	46.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.02%
26) 1,2-Dichloroethane-d4	5.29	65	108425	49.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.92%
32) Benzene-d6	5.32	84	300135	44.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.62%
36) 1,2-Dichloropropane-d6	6.31	67	102207	47.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.28%
41) Toluene-d8	7.55	98	264603	41.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.78%
43) trans-1,3-Dichloropropene-	7.83	79	45130	42.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.80%
47) 2-Hexanone-d5	8.30	63	89497	92.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.53%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	158632	48.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.70%
64) 1,2-Dichlorobenzene-d4	11.85	152	107297	51.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

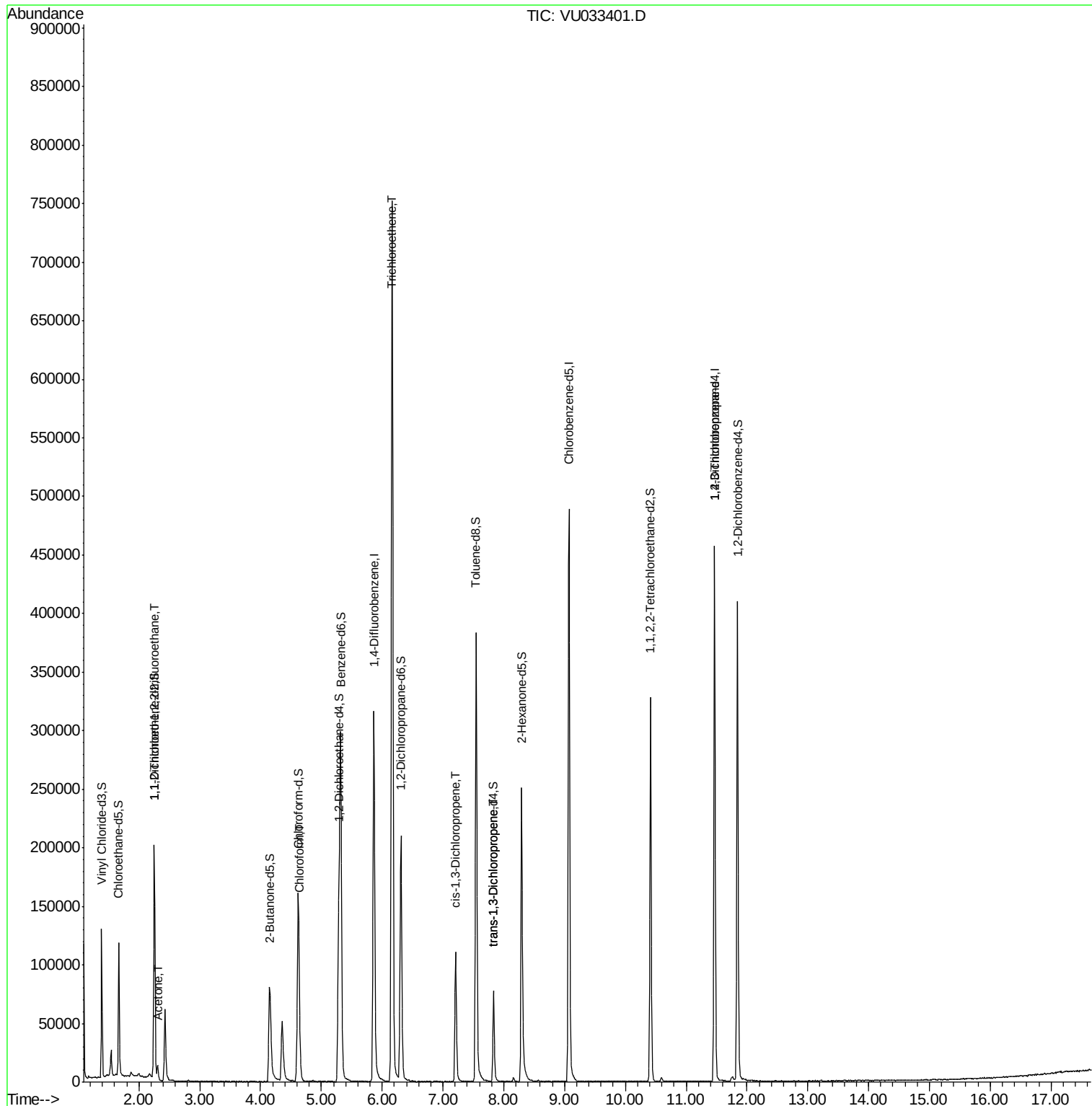
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1033	0.568	ug/L #	21
13) Acetone	2.31	43	12765	7.986	ug/L	97
25) Chloroform	4.64	83	7958	2.116	ug/L	99
34) Trichloroethene	6.16	95	264438	126.994	ug/L	99
39) cis-1,3-Dichloropropene	7.21	75	2732	0.825	ug/L #	62
44) trans-1,3-Dichloropropene	7.83	75	1853	0.621	ug/L #	60
59) 1,2,3-Trichloropropane	11.47	75	14406	5.125	ug/L	90

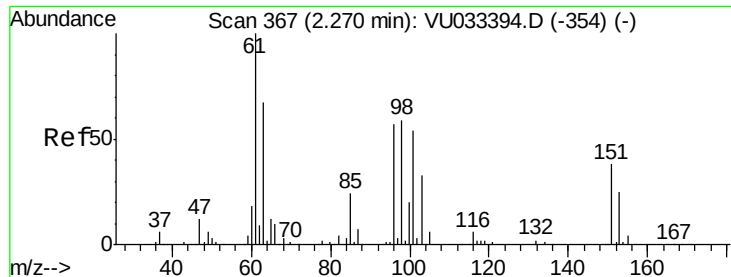
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.568 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

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F2A04

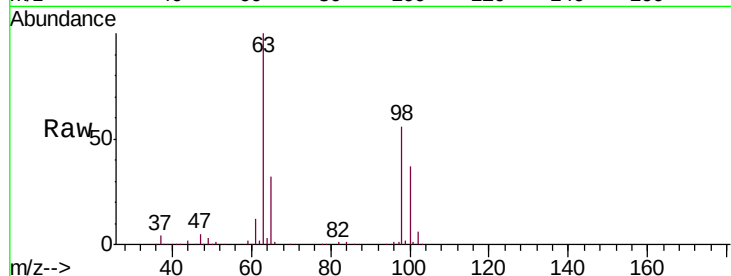
Tgt Ion: 101 Resp: 1033

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

151 0.0 56.7 85.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

2.26

800

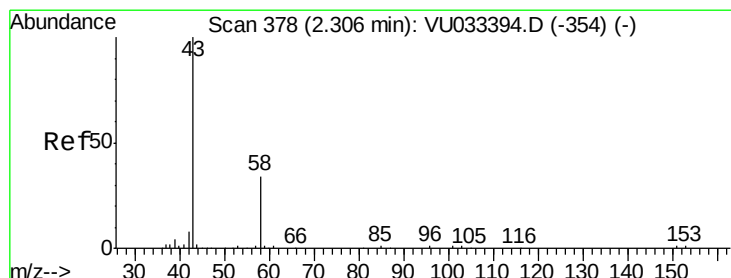
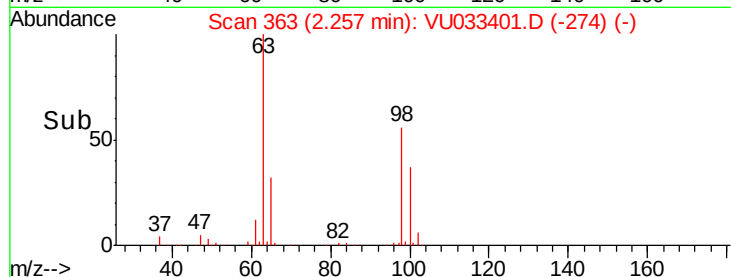
600

400

200

0

Time-->



#13

Acetone

Concen: 7.986 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

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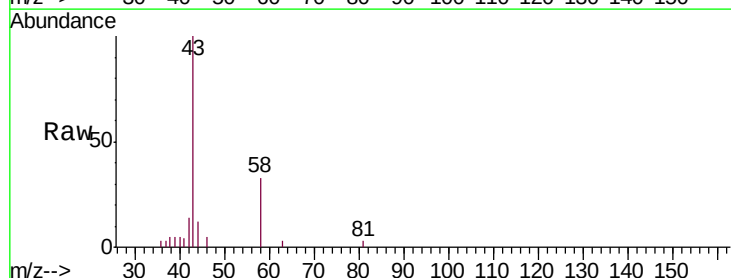
Acq: 25 Jul 2019 11:41

Tgt Ion: 43 Resp: 12765

Ion Ratio Lower Upper

43 100

58 31.1 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

8000

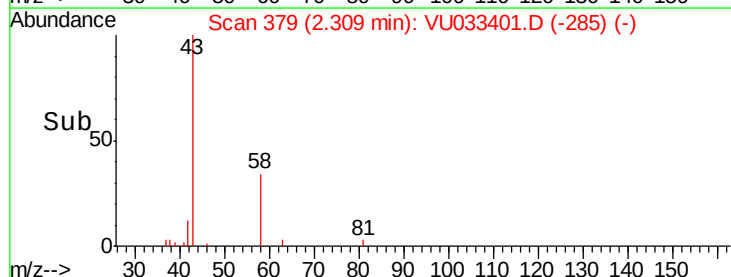
6000

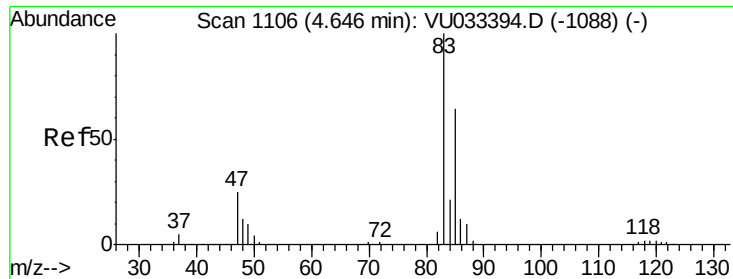
4000

2000

0

Time-->

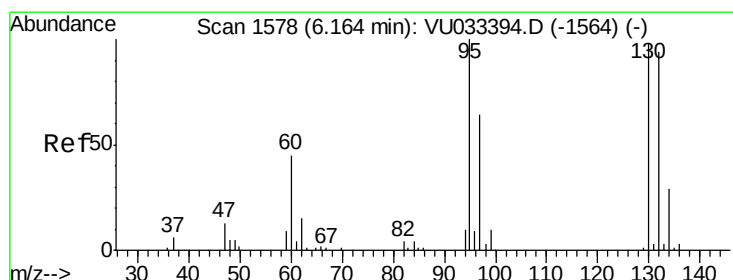
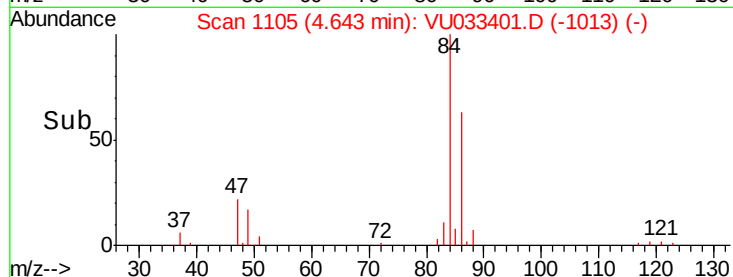
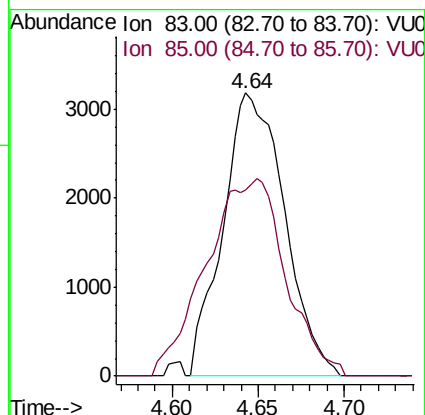
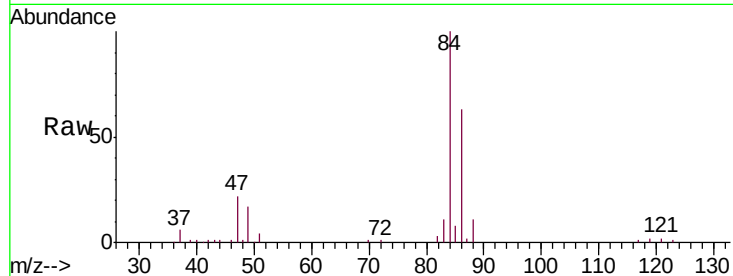




#25
Chloroform
Concen: 2.116 ug/L
RT: 4.64 min Scan# 1105
Delta R.T. -0.00 min
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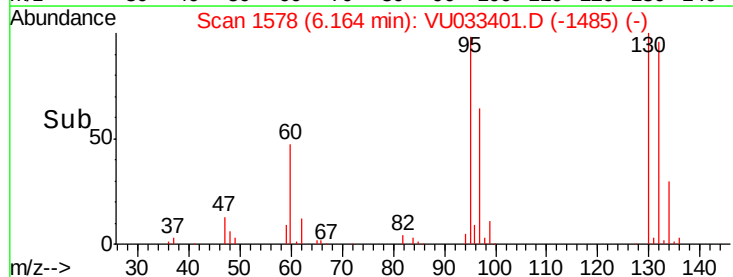
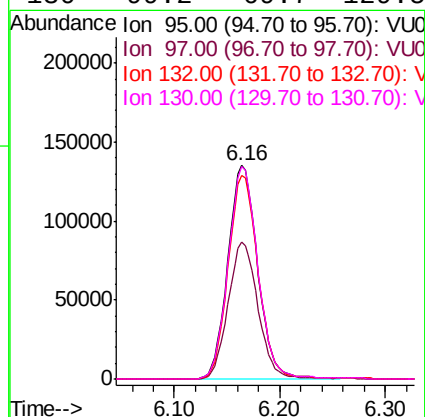
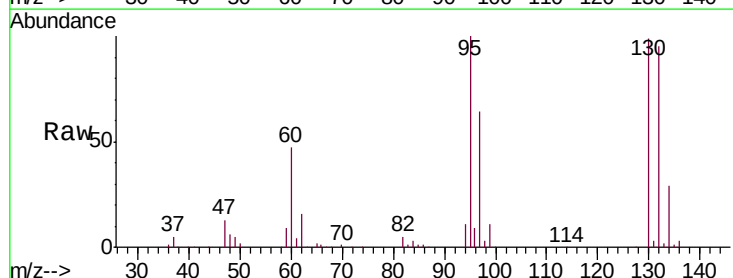
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F2A04

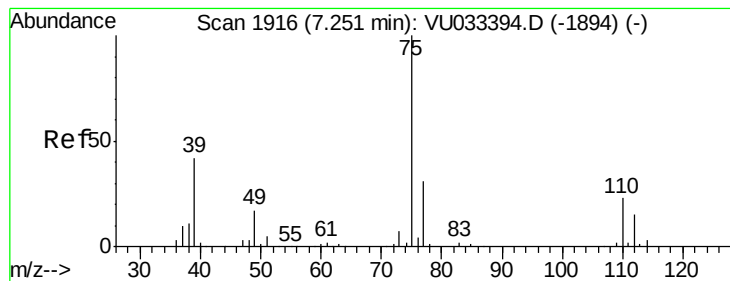
Tgt Ion: 83 Resp: 7958
Ion Ratio Lower Upper
83 100
85 65.9 45.4 84.4



#34
Trichloroethene
Concen: 126.994 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VU033401.D
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Tgt Ion: 95 Resp: 264438
Ion Ratio Lower Upper
95 100
97 64.0 43.8 81.4
132 95.4 65.5 121.6
130 99.2 69.7 129.5



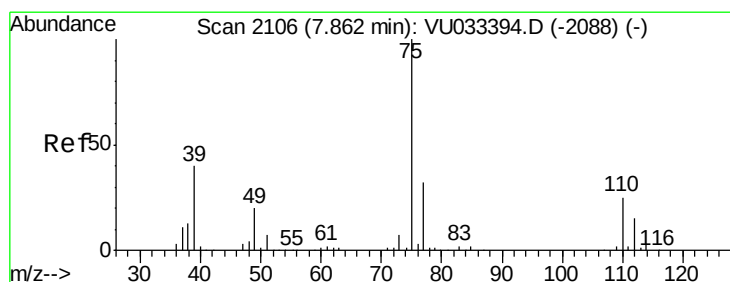
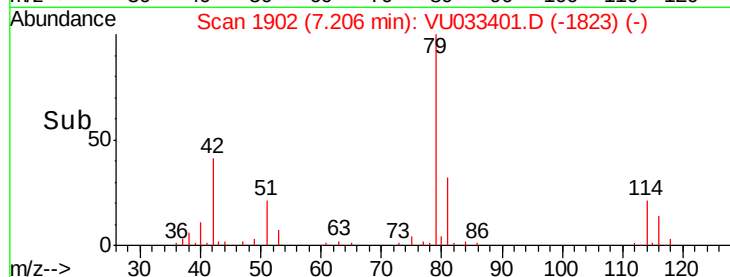
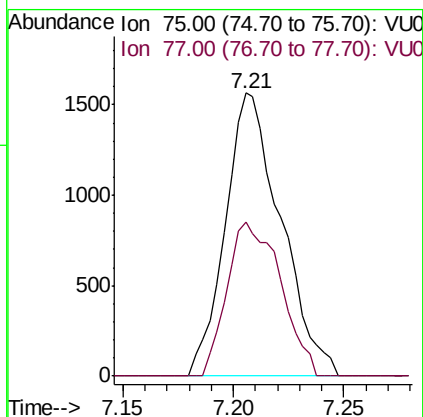
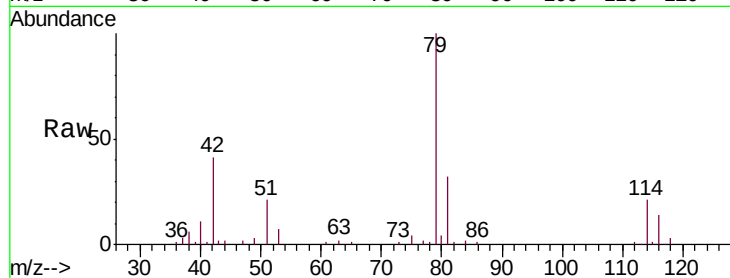


#39

cis-1,3-Dichloropropene
Concen: 0.825 ug/L
RT: 7.21 min Scan# 1902
Delta R.T. -0.05 min
Lab File: VU033401.D
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Instrument :
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ClientSampleId :
F2A04

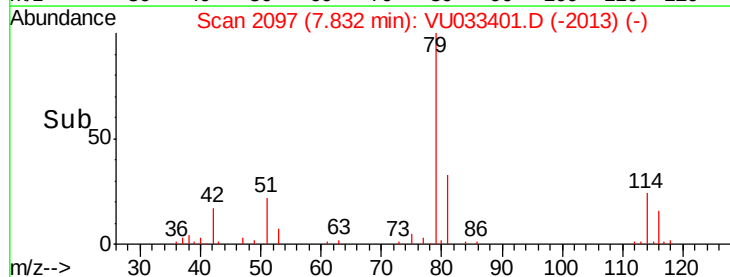
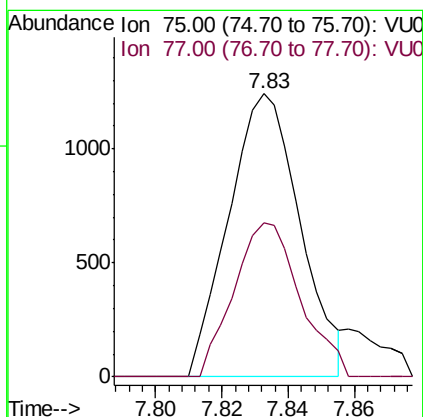
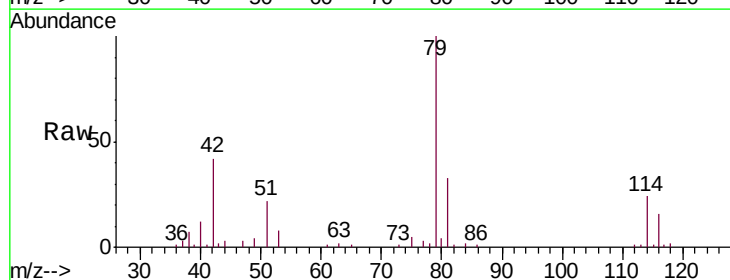
Tgt Ion: 75 Resp: 2732
Ion Ratio Lower Upper
75 100
77 54.2 23.1 42.9#

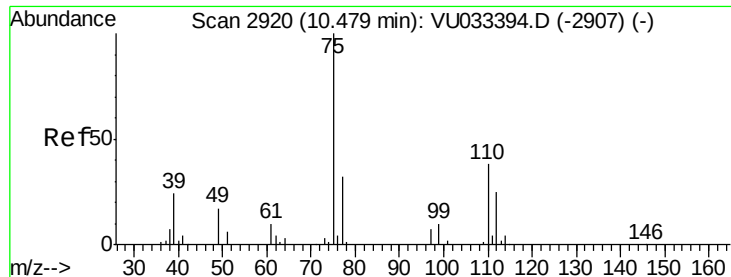


#44

trans-1,3-Dichloropropene
Concen: 0.621 ug/L
RT: 7.83 min Scan# 2097
Delta R.T. -0.03 min
Lab File: VU033401.D
Acq: 25 Jul 2019 11:41

Tgt Ion: 75 Resp: 1853
Ion Ratio Lower Upper
75 100
77 54.6 22.4 41.6#





#59

1,2,3-Trichloropropane

Concen: 5.125 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033401.D

Acq: 25 Jul 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

F2A04

Tgt Ion: 75 Resp: 14406

Ion Ratio Lower Upper

75 100

77 38.0 26.0 39.0

