

Data File : VU033403.D
Acq On : 25 Jul 2019 12:26
Operator : JC/SP
Sample : K3957-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2A10

Quant Time: Jul 26 04:37:17 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	269586	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	276677	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	118235	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	80623	39.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.02%
7) Chloroethane-d5	1.67	69	80536	46.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.38%
11) 1,1-Dichloroethene-d2	2.26	63	121338	32.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.56%
21) 2-Butanone-d5	4.15	46	129573	100.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.21%
24) Chloroform-d	4.62	84	163390	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.54%
26) 1,2-Dichloroethane-d4	5.29	65	110153	50.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.44%
32) Benzene-d6	5.32	84	316001	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.12%
36) 1,2-Dichloropropane-d6	6.31	67	107779	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.14%
41) Toluene-d8	7.55	98	274228	42.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.68%
43) trans-1,3-Dichloropropene-	7.83	79	45284	42.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.94%
47) 2-Hexanone-d5	8.30	63	91218	93.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.06%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	165030	50.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.30%
64) 1,2-Dichlorobenzene-d4	11.85	152	110765	52.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.06%

Target Compounds

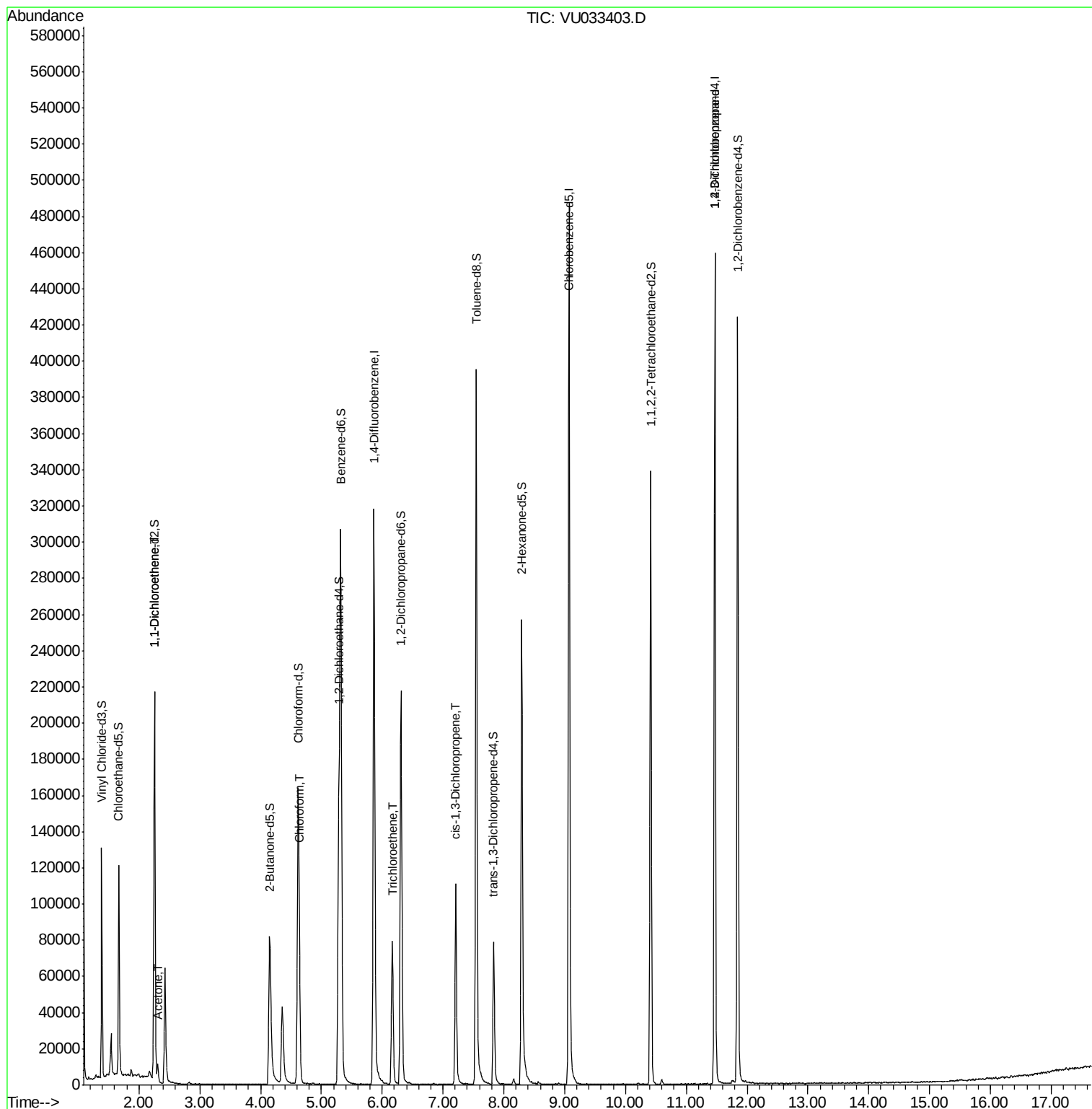
					Qvalue
12) 1,1-Dichloroethene	2.26	96	1080	0.600 ug/L #	1
13) Acetone	2.31	43	9200	5.694 ug/L	97
25) Chloroform	4.65	83	2148	0.565 ug/L #	66
34) Trichloroethene	6.16	95	28908	13.699 ug/L	97
39) cis-1,3-Dichloropropene	7.21	75	2904	0.866 ug/L	89
59) 1,2,3-Trichloropropane	11.47	75	14740	5.174 ug/L	94

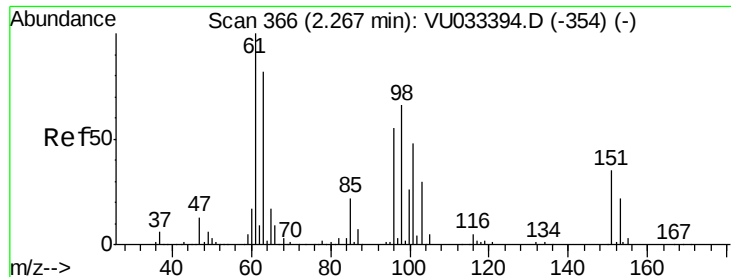
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.600 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033403.D

Acq: 25 Jul 2019 12:26

Instrument :

MSVOA_U

ClientSampleId :

F2A10

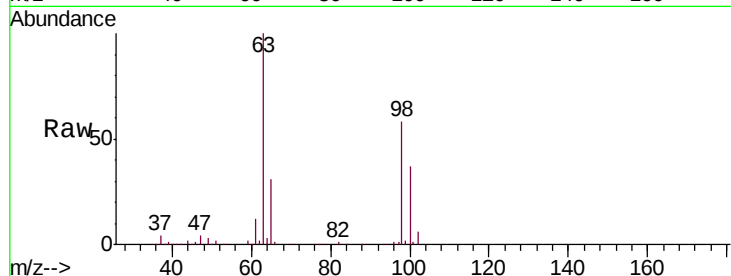
Tgt Ion: 96 Resp: 1080

Ion Ratio Lower Upper

96 100

61 1440.3 126.1 234.1#

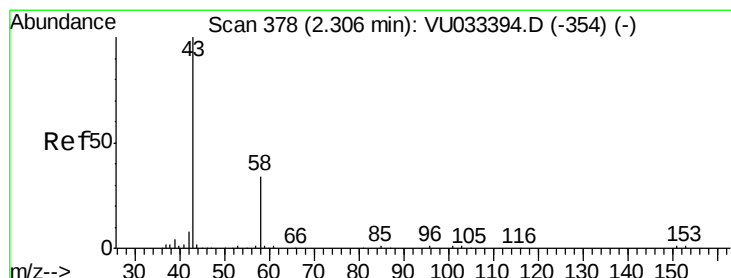
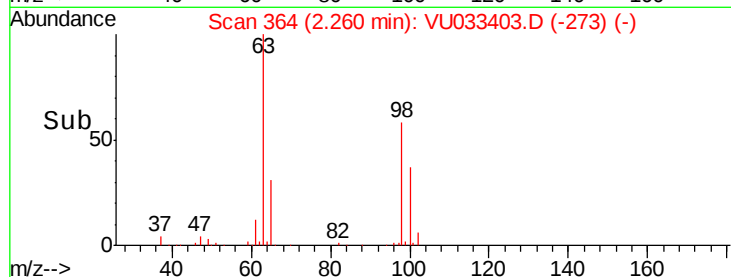
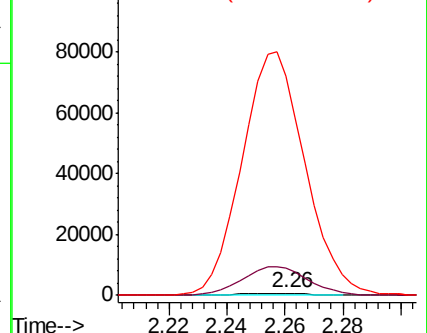
63 11532.3 96.8 179.8#



Abundance Ion 96.00 (95.70 to 96.70): VU033403.D (-273) (-)

Ion 61.00 (60.70 to 61.70): VU033403.D (-273) (-)

Ion 63.00 (62.70 to 63.70): VU033403.D (-273) (-)



#13

Acetone

Concen: 5.694 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU033403.D

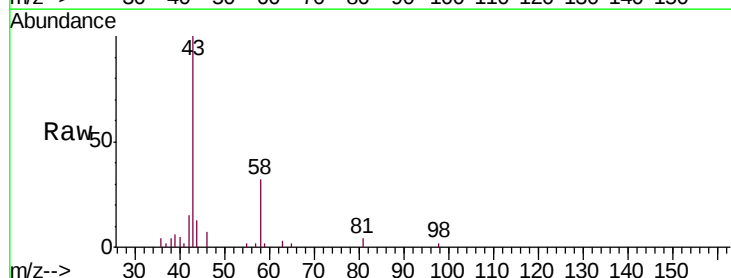
Acq: 25 Jul 2019 12:26

Tgt Ion: 43 Resp: 9200

Ion Ratio Lower Upper

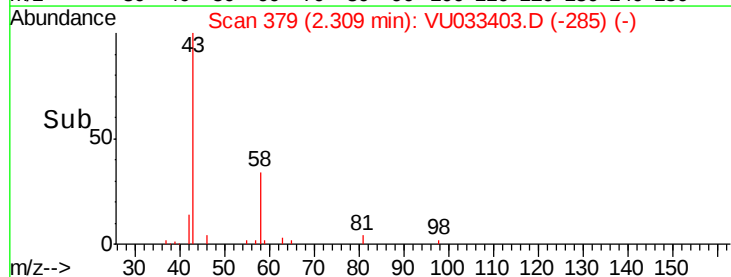
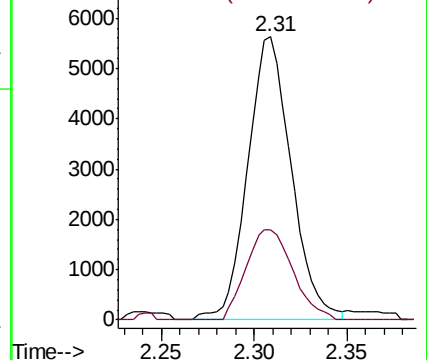
43 100

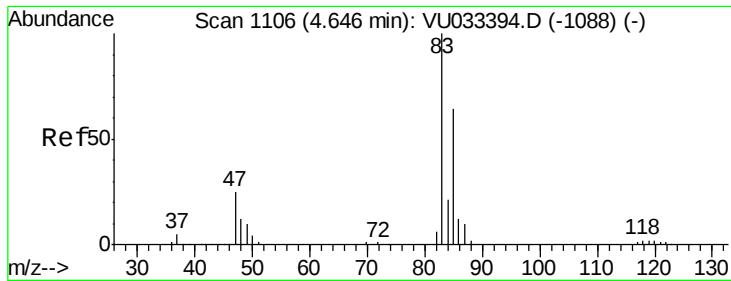
58 34.3 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU033403.D (-285) (-)

Ion 58.00 (57.70 to 58.70): VU033403.D (-285) (-)

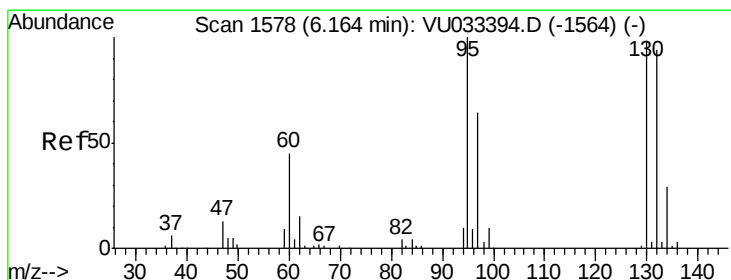
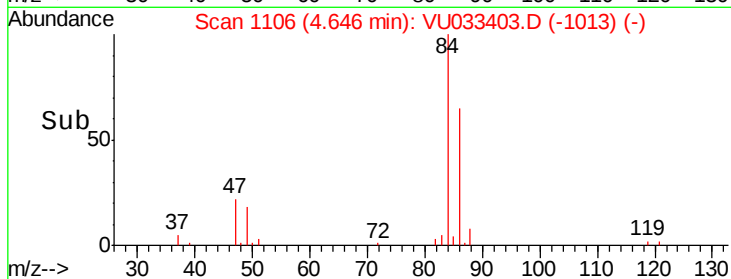
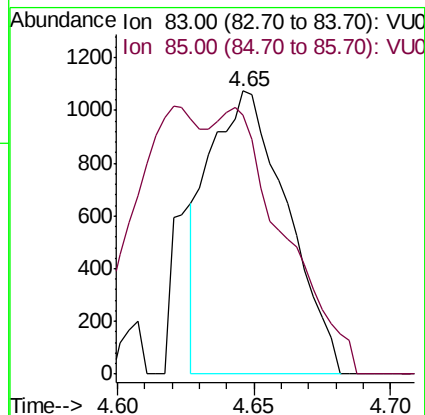
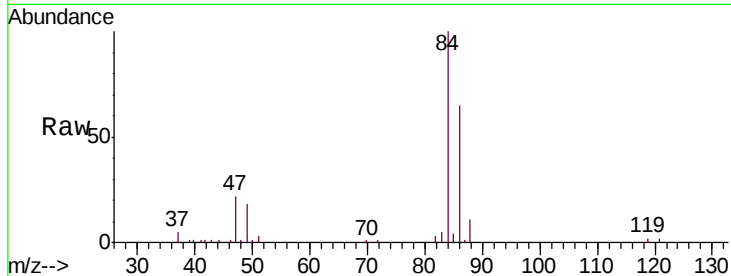




#25
Chloroform
Concen: 0.565 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU033403.D
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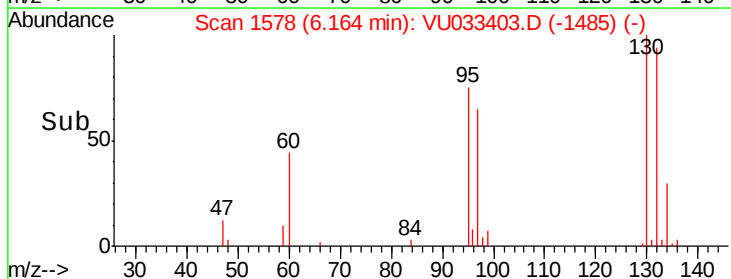
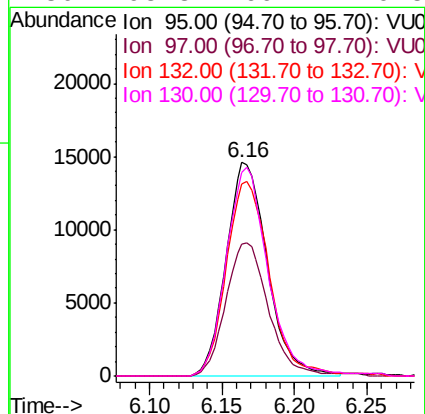
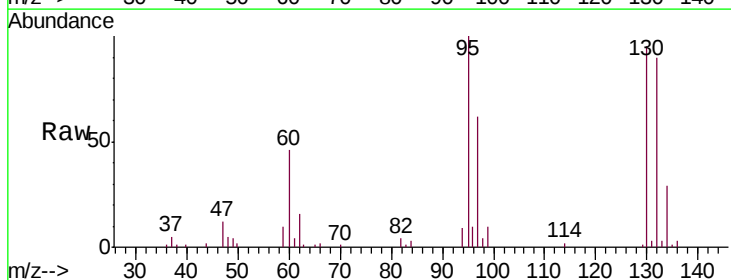
Instrument :
MSVOA_U
ClientSampled :
F2A10

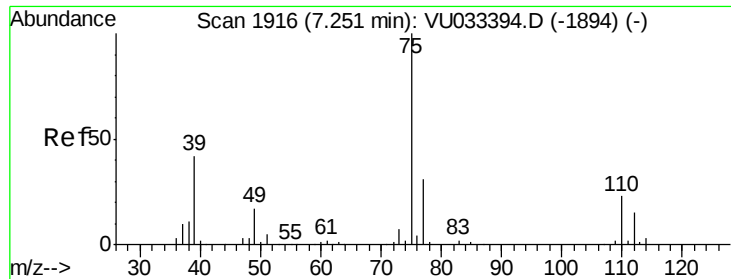
Tgt Ion: 83 Resp: 2148
Ion Ratio Lower Upper
83 100
85 91.4 45.4 84.4#



#34
Trichloroethene
Concen: 13.699 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VU033403.D
Acq: 25 Jul 2019 12:26

Tgt Ion: 95 Resp: 28908
Ion Ratio Lower Upper
95 100
97 61.6 43.8 81.4
132 90.0 65.5 121.6
130 95.3 69.7 129.5

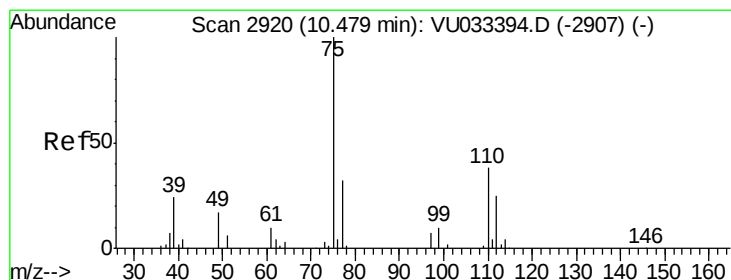
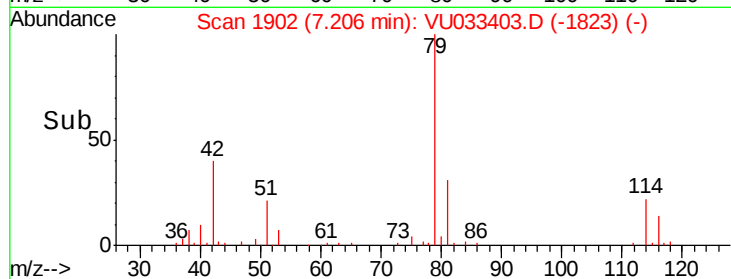
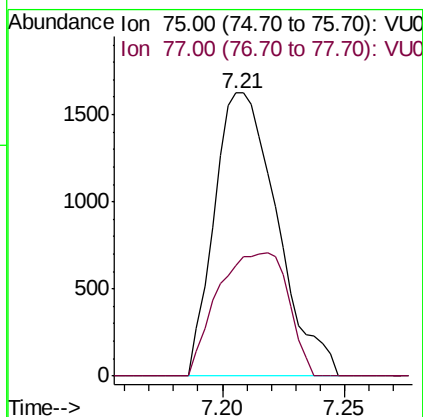
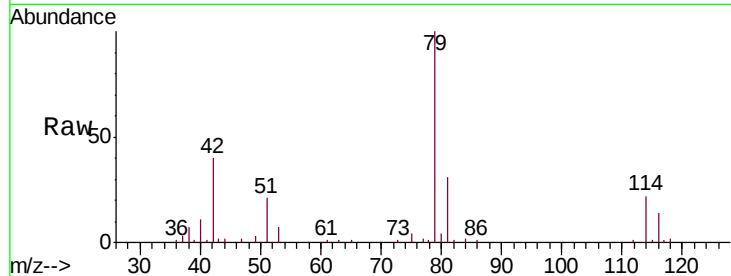




#39
 cis-1,3-Dichloropropene
 Concen: 0.866 ug/L
 RT: 7.21 min Scan# 1902
 Delta R.T. -0.05 min
 Lab File: VU033403.D
 Acq: 25 Jul 2019 12:26

Instrument :
 MSVOA_U
 ClientSampleId :
 F2A10

Tgt Ion: 75 Resp: 2904
 Ion Ratio Lower Upper
 75 100
 77 39.2 23.1 42.9



#59
 1,2,3-Trichloropropane
 Concen: 5.174 ug/L
 RT: 11.47 min Scan# 3228
 Delta R.T. 0.99 min
 Lab File: VU033403.D
 Acq: 25 Jul 2019 12:26

Tgt Ion: 75 Resp: 14740
 Ion Ratio Lower Upper
 75 100
 77 35.7 26.0 39.0

