

Data File : VU033664.D
Acq On : 09 Aug 2019 02:14
Operator : JC/SP
Sample : VU0808WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK46

Quant Time: Aug 09 09:11:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 09:08:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	289317	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	289724	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	132579	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	139516	42.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.44%
7) Chloroethane-d5	1.67	69	124824	45.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.30%
11) 1,1-Dichloroethene-d2	2.26	63	184472	34.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.88%
21) 2-Butanone-d5	4.15	46	242568	101.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.41%
24) Chloroform-d	4.62	84	243717	45.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.06%
26) 1,2-Dichloroethane-d4	5.29	65	165271	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.70%
32) Benzene-d6	5.32	84	508140	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
36) 1,2-Dichloropropane-d6	6.31	67	166022	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.66%
41) Toluene-d8	7.55	98	447410	44.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.58%
43) trans-1,3-Dichloropropene-	7.83	79	73441	43.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.36%
47) 2-Hexanone-d5	8.30	63	173317	100.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.77%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	250927	46.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.38%
64) 1,2-Dichlorobenzene-d4	11.85	152	177650	49.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.10%

Target Compounds

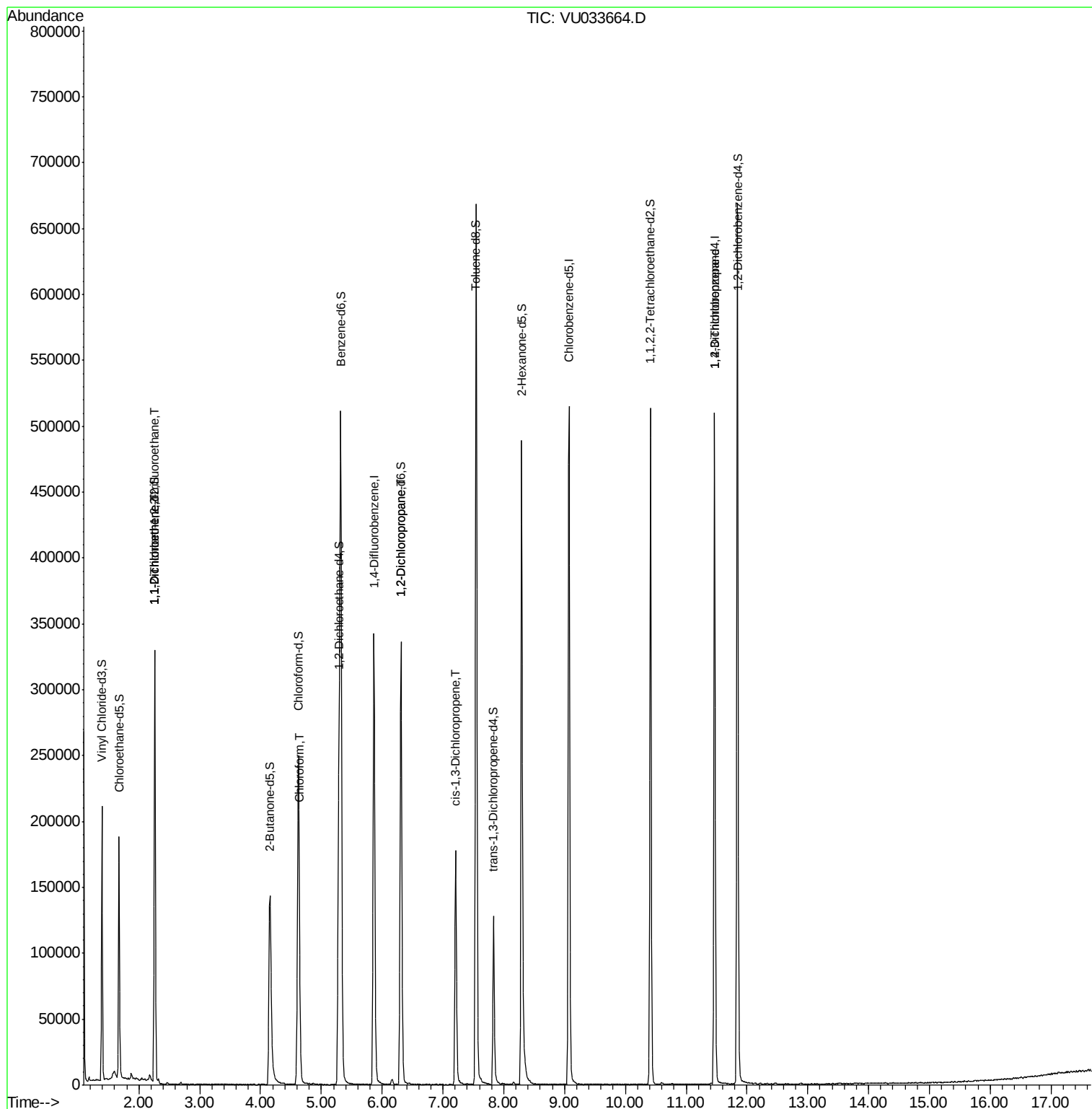
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1769	0.825 ug/L #	19
12) 1,1-Dichloroethene	2.26	96	1615	0.789 ug/L #	1
25) Chloroform	4.65	83	8077	1.853 ug/L	90
37) 1,2-Dichloropropane	6.31	63	17556	7.102 ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	4435	1.205 ug/L #	64
59) 1,2,3-Trichloropropane	11.47	75	16454	4.875 ug/L	94

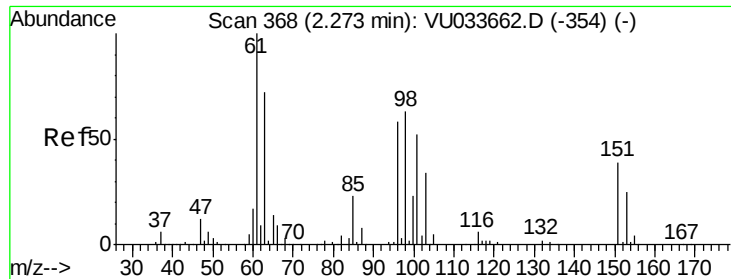
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.825 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

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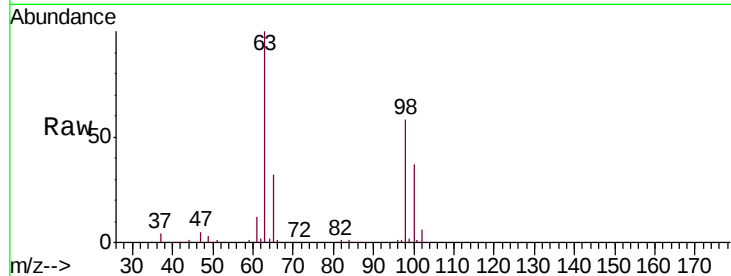
Tgt Ion:101 Resp: 1769

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

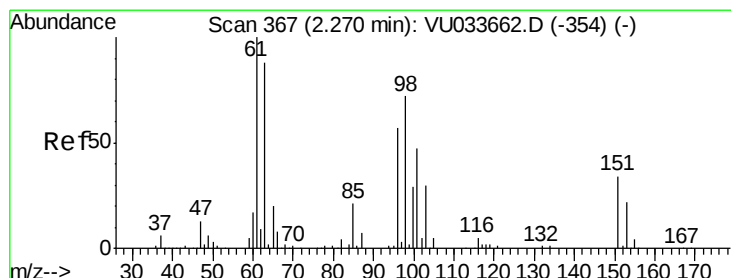
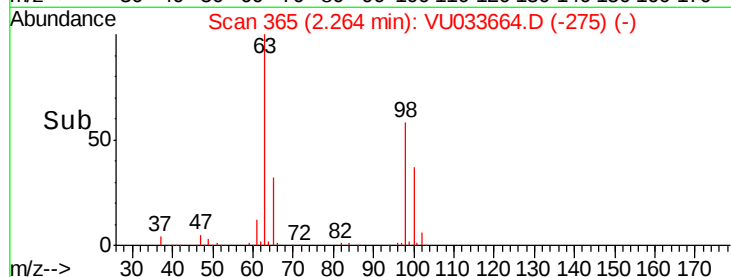
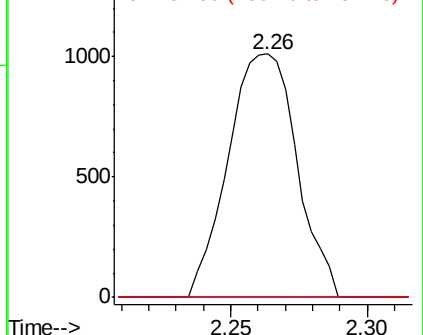
151 0.0 60.4 90.6#



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



#12

1,1-Dichloroethene

Concen: 0.789 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033664.D

Acq: 09 Aug 2019 02:14

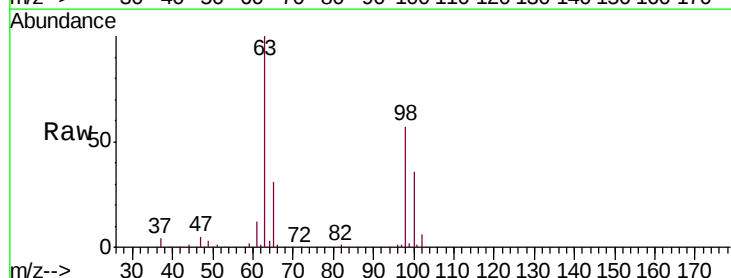
Tgt Ion: 96 Resp: 1615

Ion Ratio Lower Upper

96 100

61 1436.0 124.0 230.2#

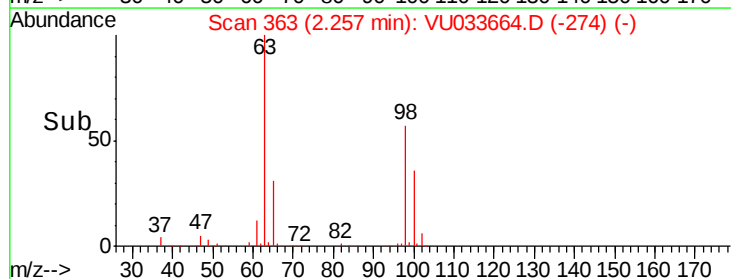
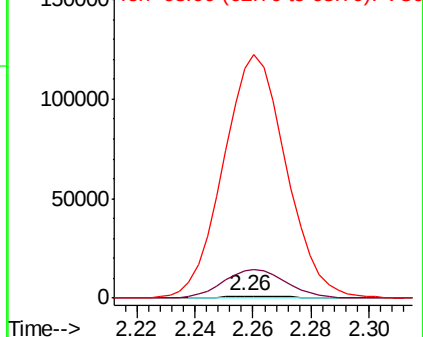
63 12225.2 114.9 213.5#

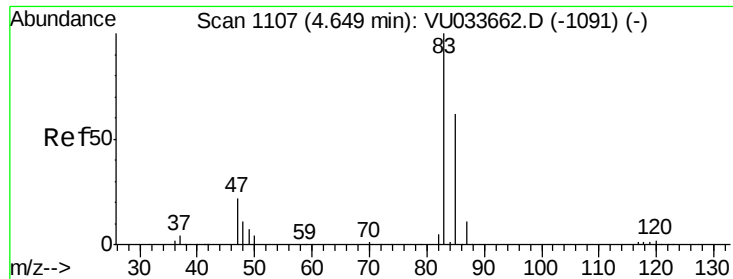


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

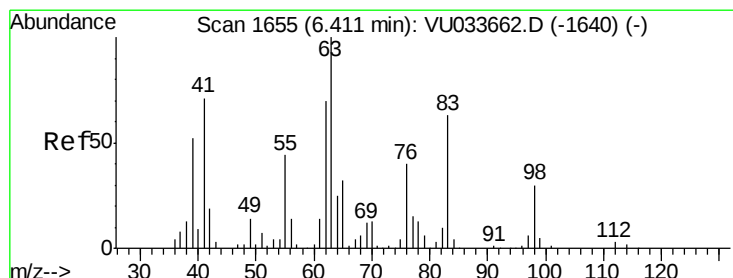
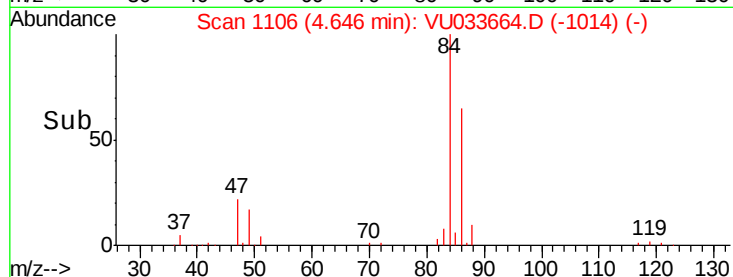
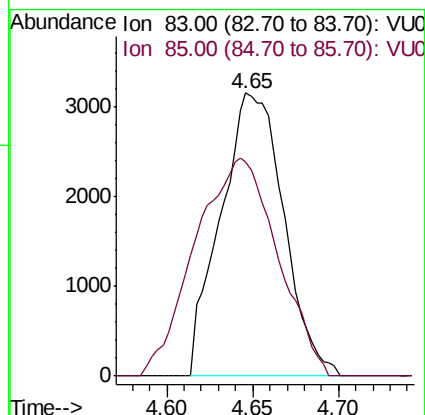
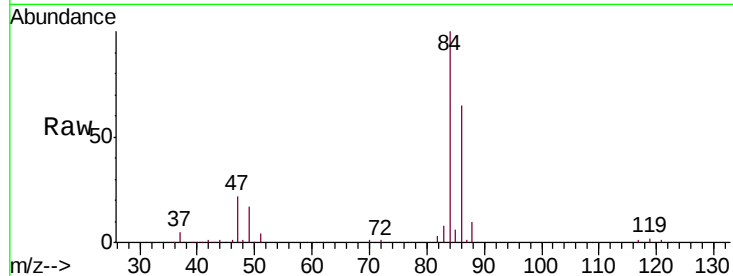




#25
Chloroform
Concen: 1.853 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU033664.D
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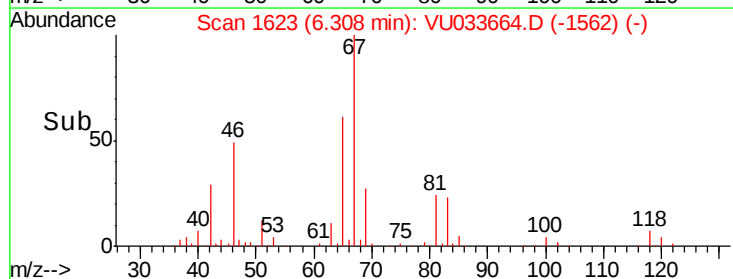
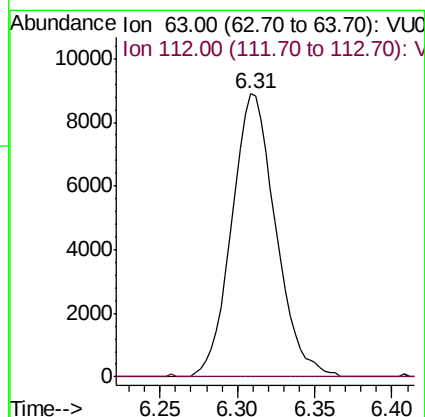
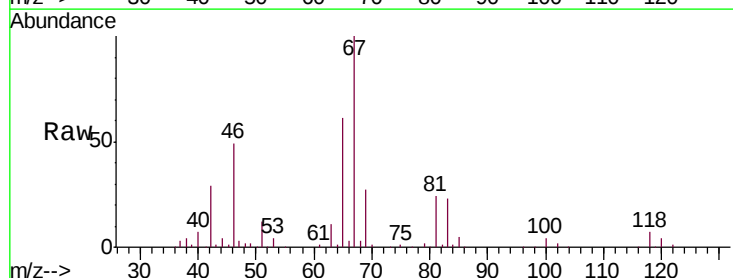
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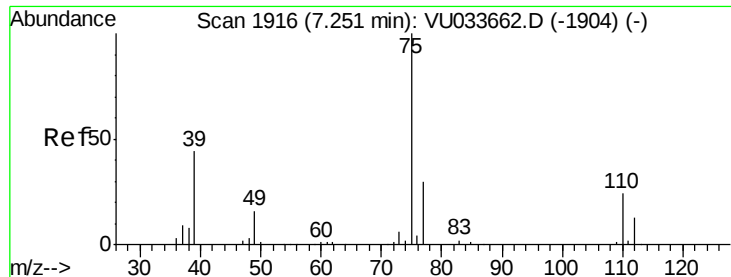
Tgt Ion: 83 Resp: 8077
Ion Ratio Lower Upper
83 100
85 75.8 47.2 87.6



#37
1,2-Dichloropropane
Concen: 7.102 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU033664.D
Acq: 09 Aug 2019 02:14

Tgt Ion: 63 Resp: 17556
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#

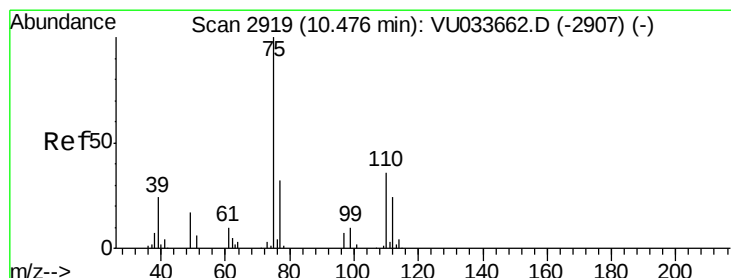
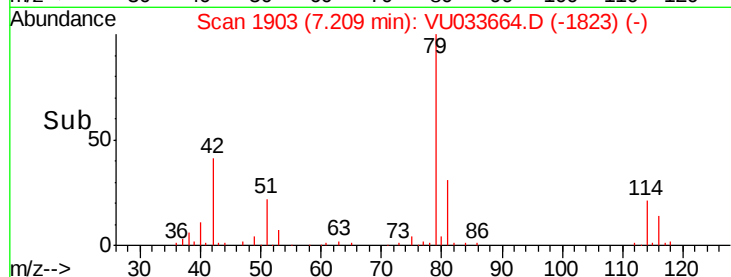
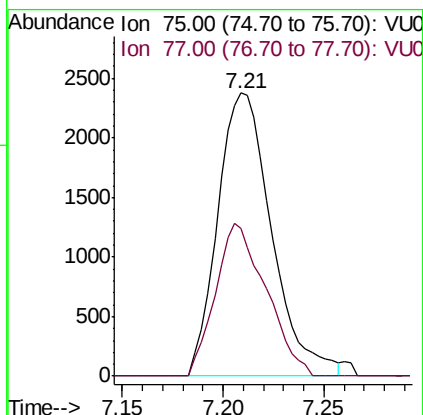
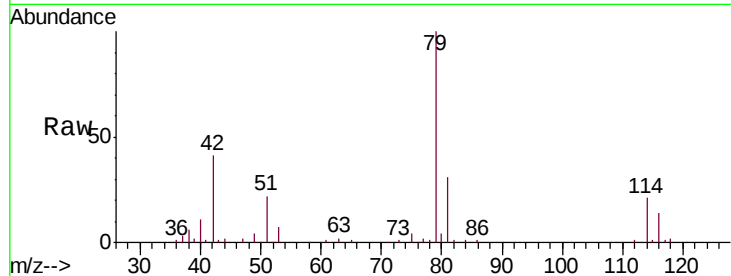




#39
 cis-1,3-Dichloropropene
 Concen: 1.205 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU033664.D
 Acq: 09 Aug 2019 02:14

Instrument :
 MSVOA_U
 ClientSampled :
 VBLK46

Tgt Ion: 75 Resp: 4435
 Ion Ratio Lower Upper
 75 100
 77 52.3 22.5 41.9#



#59
 1,2,3-Trichloropropane
 Concen: 4.875 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU033664.D
 Acq: 09 Aug 2019 02:14

Tgt Ion: 75 Resp: 16454
 Ion Ratio Lower Upper
 75 100
 77 35.5 25.5 38.3

