

Data File : VU034578.D
Acq On : 16 Sep 2019 20:29
Operator : JC/SP
Sample : K4868-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COMM8

Quant Time: Sep 17 02:59:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 17 02:36:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	295167	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	272918	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	111095	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	69570	48.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.70%
7) Chloroethane-d5	1.67	69	57649	52.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.28%
11) 1,1-Dichloroethene-d2	2.26	63	110672	37.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.96%
21) 2-Butanone-d5	4.15	46	174718	108.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.81%
24) Chloroform-d	4.62	84	163167	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.94%
26) 1,2-Dichloroethane-d4	5.29	65	104384	52.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.82%
32) Benzene-d6	5.32	84	311727	51.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.90%
36) 1,2-Dichloropropane-d6	6.31	67	118788	53.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.36%
41) Toluene-d8	7.54	98	294803	50.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	7.83	79	54101	50.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.54%
47) 2-Hexanone-d5	8.29	63	128495	106.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.04%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	176169	50.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.94%
64) 1,2-Dichlorobenzene-d4	11.84	152	106812	53.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

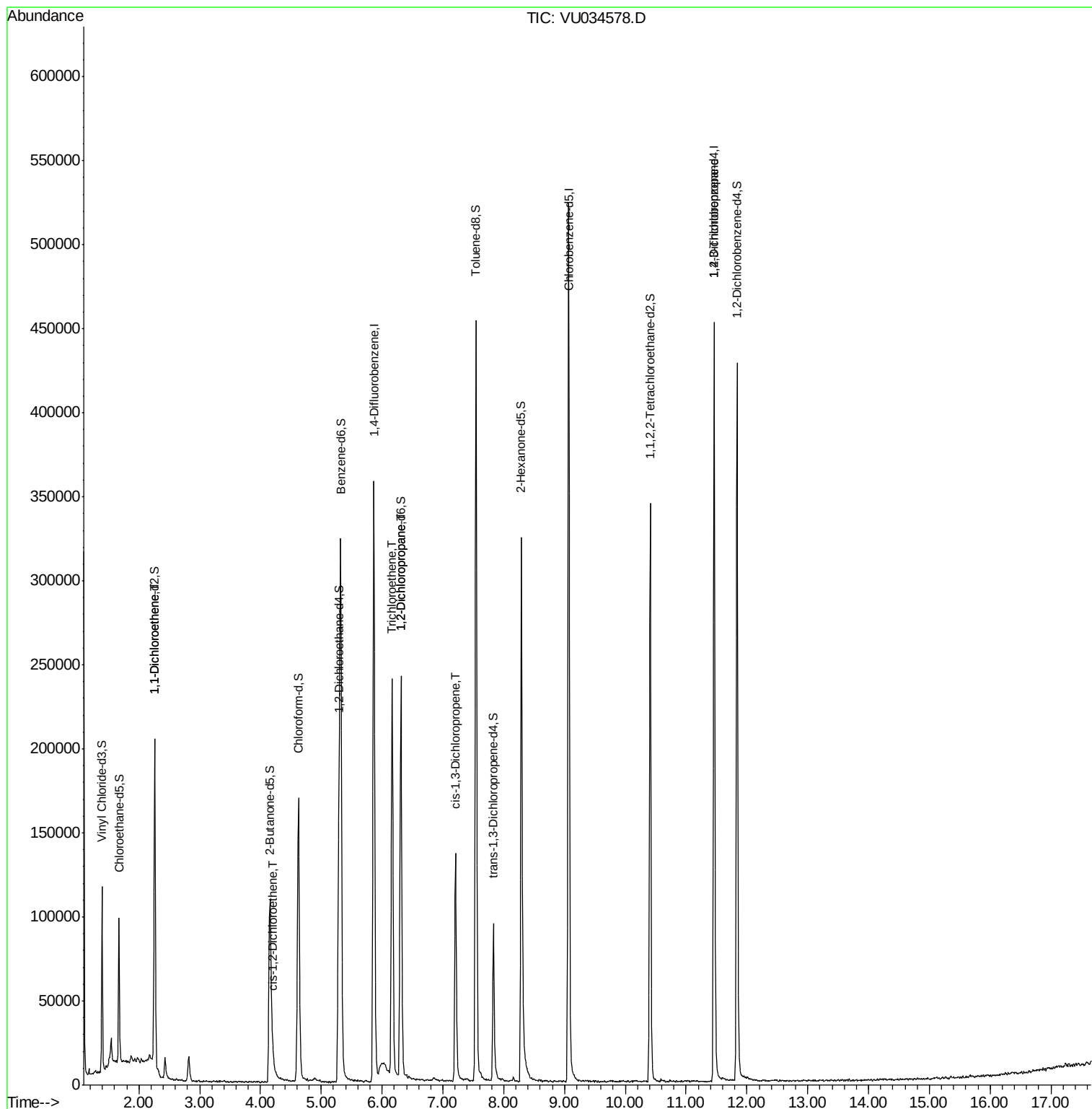
					Qvalue
12) 1,1-Dichloroethene	2.27	96	6479	4.618 ug/L #	1
20) cis-1,2-Dichloroethene	4.21	96	4054	2.085 ug/L	89
34) Trichloroethene	6.16	95	84293	48.880 ug/L	95
37) 1,2-Dichloropropane	6.31	63	12465	5.932 ug/L #	89
39) cis-1,3-Dichloropropene	7.21	75	3425	1.085 ug/L #	77
59) 1,2,3-Trichloropropane	11.46	75	17200	5.993 ug/L	91

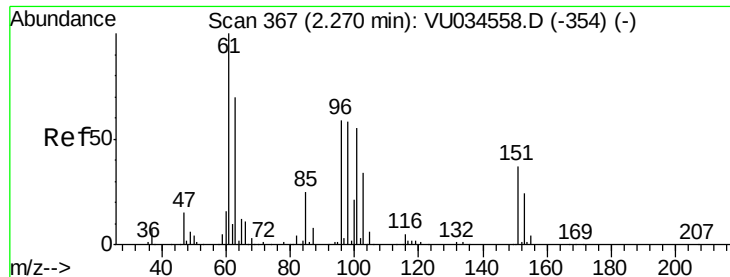
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU034578.D
Acq On : 16 Sep 2019 20:29
Operator : JC/SP
Sample : K4868-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COMM8

Quant Time: Sep 17 02:59:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 17 02:36:09 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.618 ug/L

RT: 2.27 min Scan# 367

Delta R.T. 0.00 min

Lab File: VU034578.D

Acq: 16 Sep 2019 20:29

Instrument :

MSVOA_U

ClientSampleId :

COMM8

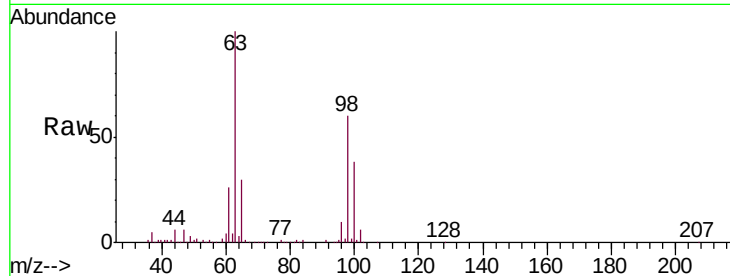
Tgt Ion: 96 Resp: 6479

Ion Ratio Lower Upper

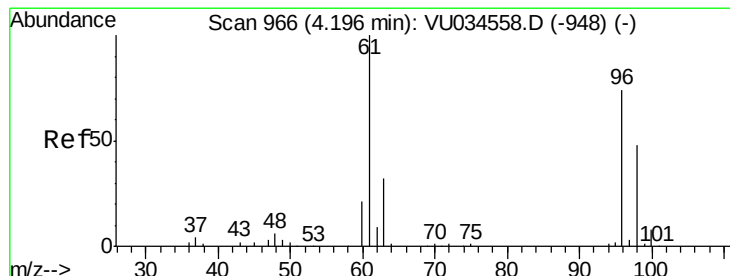
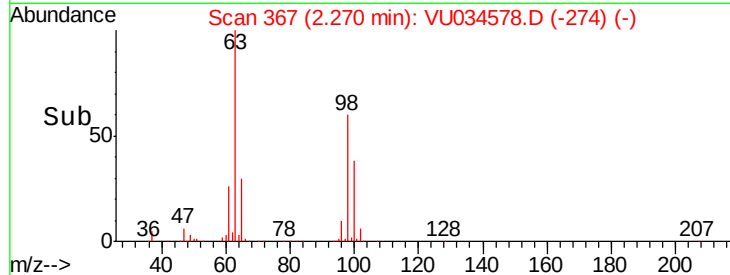
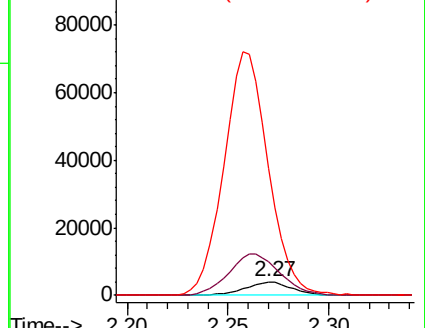
96 100

61 251.3 117.8 218.8#

63 965.1 83.8 155.6#



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



#20

cis-1,2-Dichloroethene

Concen: 2.085 ug/L

RT: 4.21 min Scan# 969

Delta R.T. 0.01 min

Lab File: VU034578.D

Acq: 16 Sep 2019 20:29

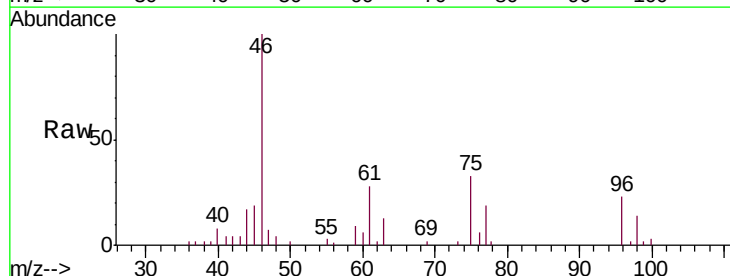
Tgt Ion: 96 Resp: 4054

Ion Ratio Lower Upper

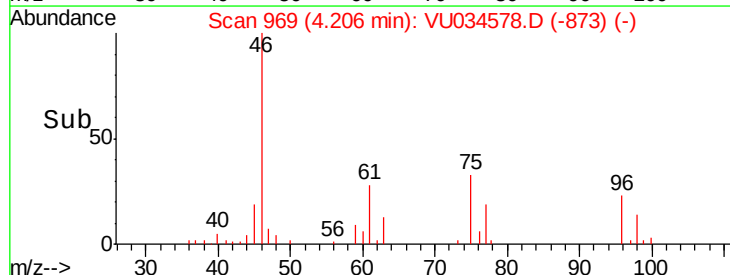
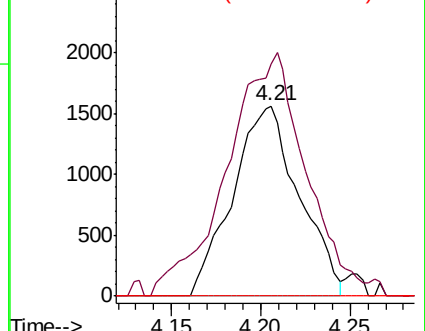
96 100

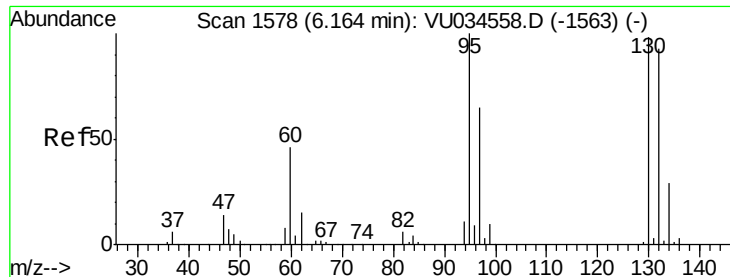
61 122.4 94.7 175.9

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 48.880 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU034578.D

Acq: 16 Sep 2019 20:29

Instrument :

MSVOA_U

ClientSampleId :

COMM8

Tgt Ion: 95 Resp: 84293

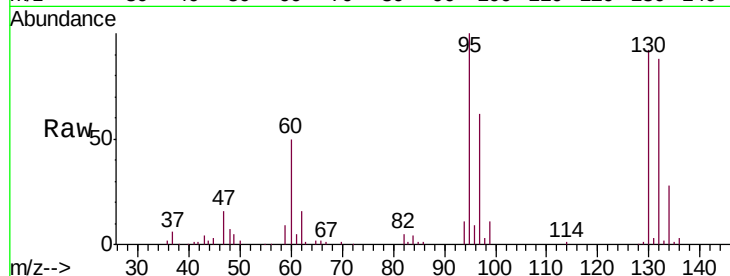
Ion Ratio Lower Upper

95 100

97 62.3 45.4 84.4

132 88.3 65.2 121.0

130 92.2 68.5 127.3

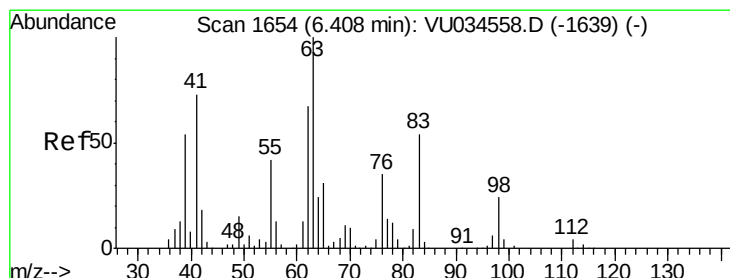
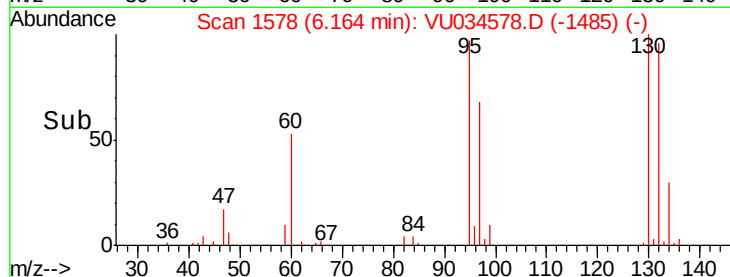
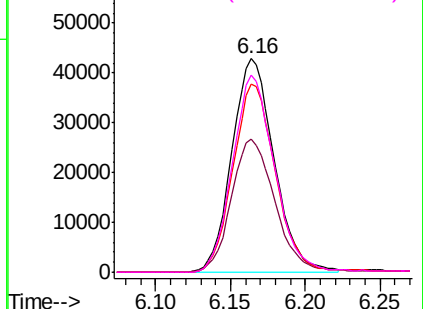


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 5.932 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU034578.D

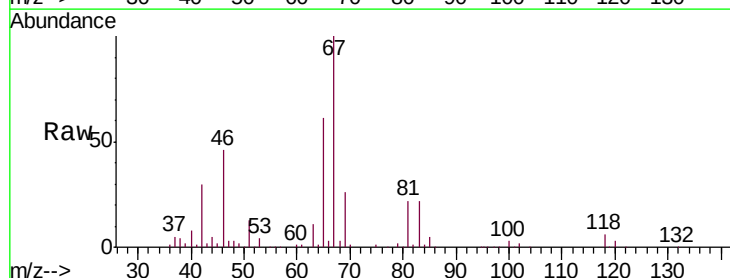
Acq: 16 Sep 2019 20:29

Tgt Ion: 63 Resp: 12465

Ion Ratio Lower Upper

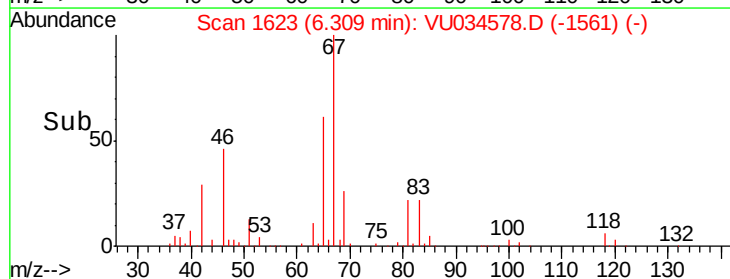
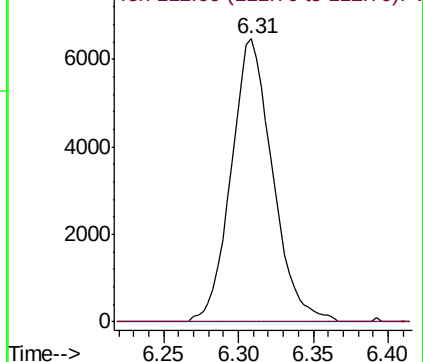
63 100

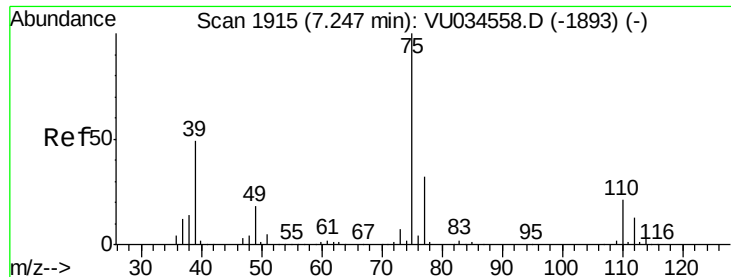
112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

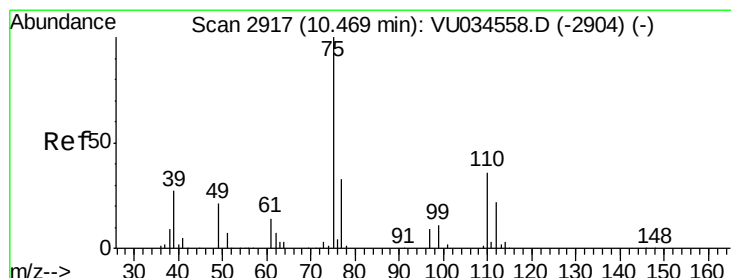
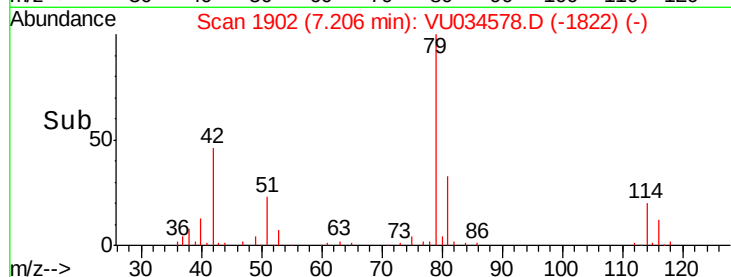
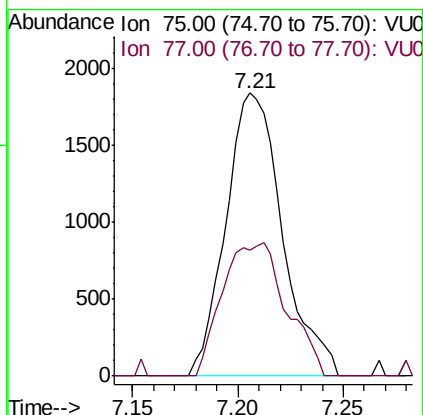
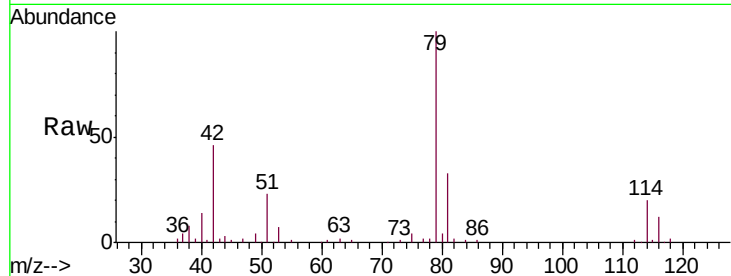




#39
 cis-1,3-Dichloropropene
 Concen: 1.085 ug/L
 RT: 7.21 min Scan# 1902
 Delta R.T. -0.04 min
 Lab File: VU034578.D
 Acq: 16 Sep 2019 20:29

Instrument :
 MSVOA_U
 ClientSampleId :
 COMM8

Tgt Ion: 75 Resp: 3425
 Ion Ratio Lower Upper
 75 100
 77 44.6 22.3 41.3#



#59
 1,2,3-Trichloropropane
 Concen: 5.993 ug/L
 RT: 11.46 min Scan# 3225
 Delta R.T. 0.99 min
 Lab File: VU034578.D
 Acq: 16 Sep 2019 20:29

Tgt Ion: 75 Resp: 17200
 Ion Ratio Lower Upper
 75 100
 77 37.6 26.1 39.1

