

Data File : VU034927.D
Acq On : 04 Oct 2019 11:00
Operator : JC/SP
Sample : VU1004WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK12

Quant Time: Oct 05 00:32:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR093019WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 05 00:29:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	204939	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	201636	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	91710	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	69802	4.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	1.67	69	57146	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.26	63	94938	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	4.19	46	209319	50.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.36%
24) Chloroform-d	4.62	84	116507	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.29	65	68372	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	5.31	84	243149	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.31	67	80649	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.54	98	220657	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.83	79	29640	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.30	63	160077	53.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.20%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	68734	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	81023	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

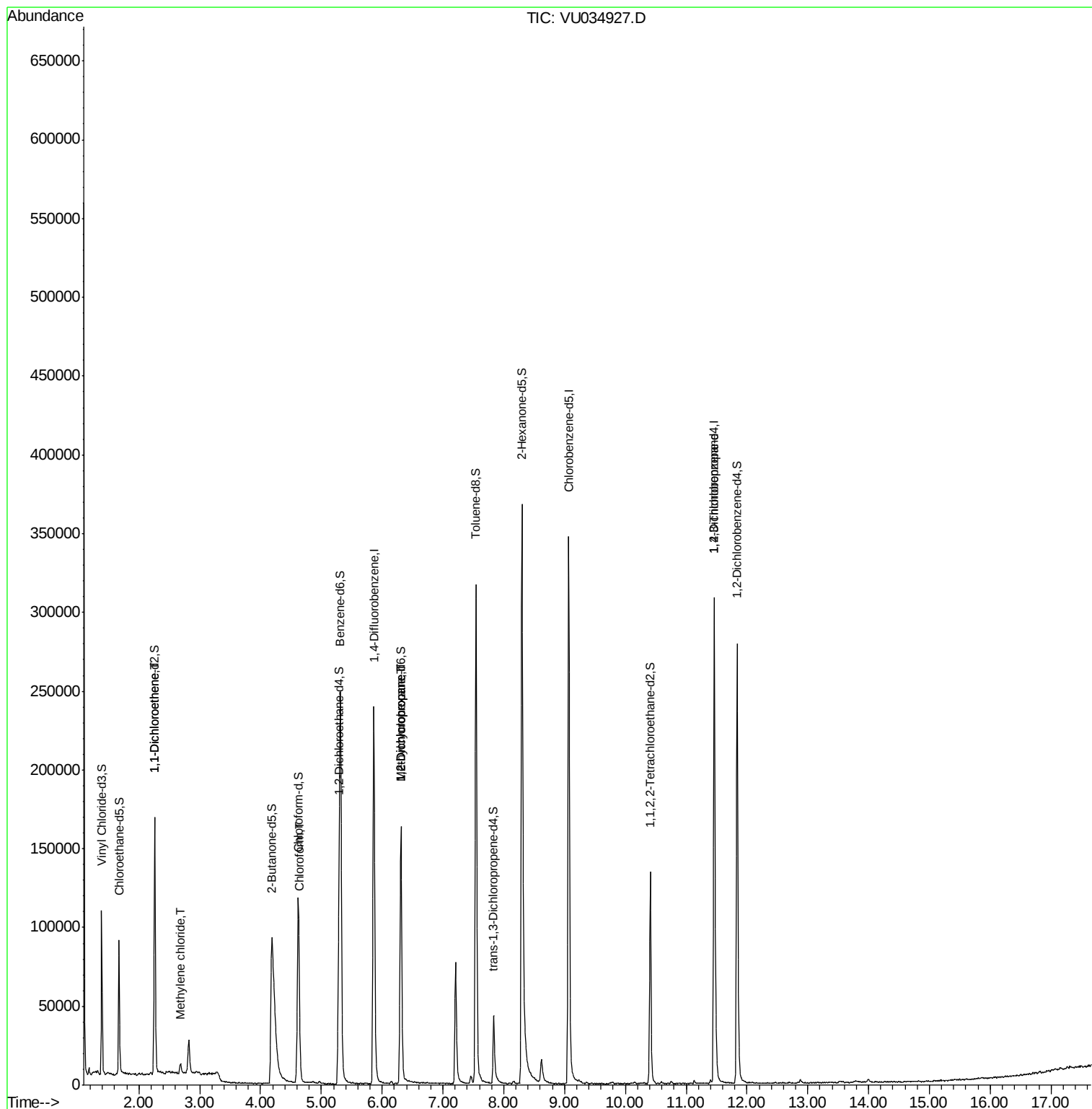
					Qvalue
12) 1,1-Dichloroethene	2.26	96	844	0.123 ug/L #	1
16) Methylene chloride	2.68	84	1996	0.184 ug/L	93
25) Chloroform	4.64	83	4093	0.155 ug/L	94
35) Methylcyclohexane	6.31	83	17872	1.336 ug/L #	15
37) 1,2-Dichloropropane	6.31	63	9013	0.652 ug/L #	90
59) 1,2,3-Trichloropropane	11.46	75	12015	1.215 ug/L	99

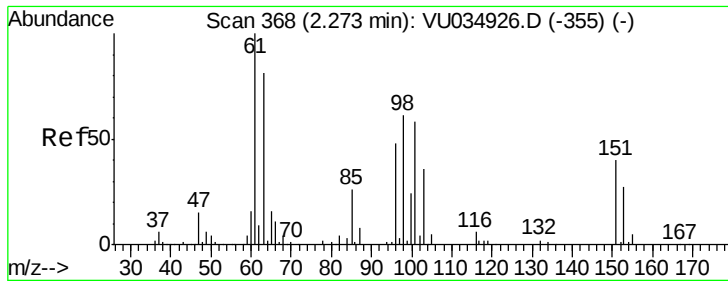
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 05 00:29:19 2019
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#12

1,1-Dichloroethene

Concen: 0.123 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

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Acq: 04 Oct 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

VBLK12

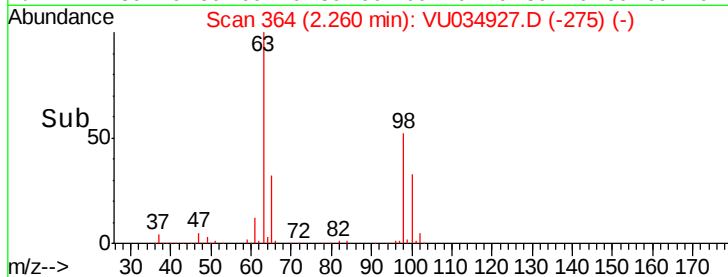
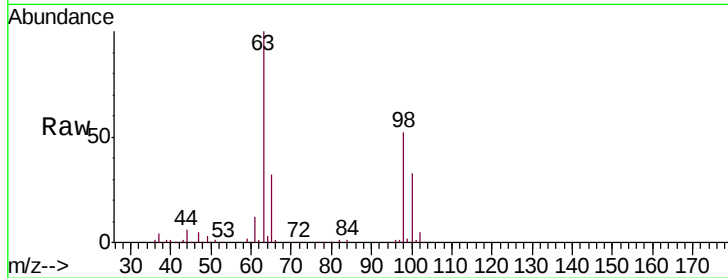
Tgt Ion: 96 Resp: 844

Ion Ratio Lower Upper

96 100

61 1470.5 160.5 298.1#

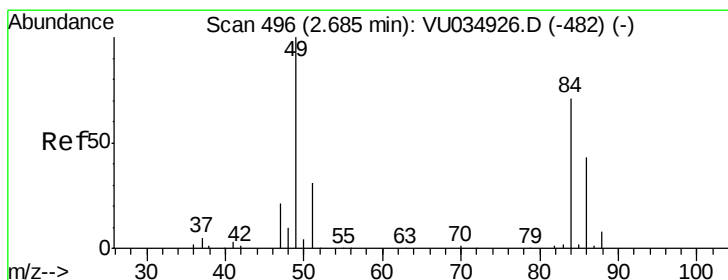
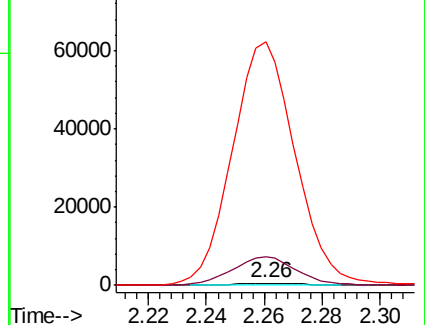
63 12258.3 162.3 301.5#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#16

Methylene chloride

Concen: 0.184 ug/L

RT: 2.68 min Scan# 496

Delta R.T. -0.00 min

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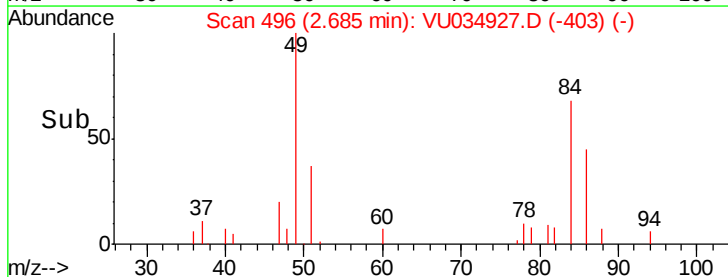
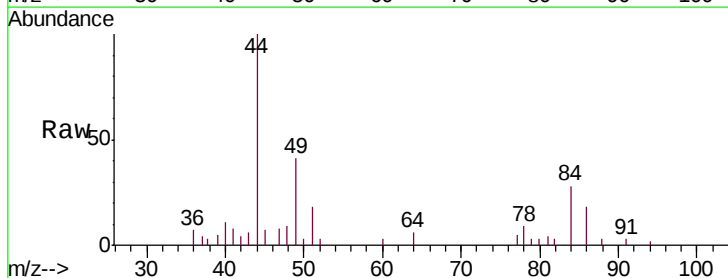
Tgt Ion: 84 Resp: 1996

Ion Ratio Lower Upper

84 100

86 66.7 44.2 82.2

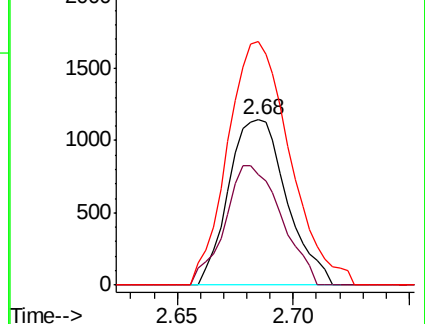
49 147.2 110.0 204.4

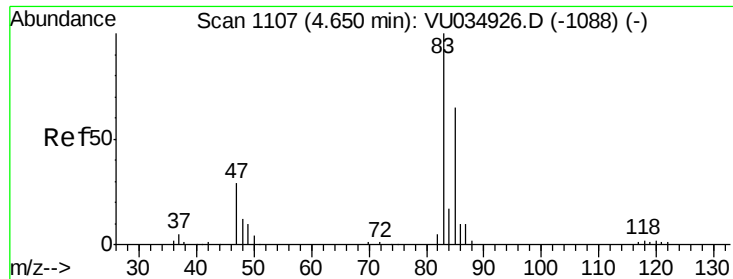


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

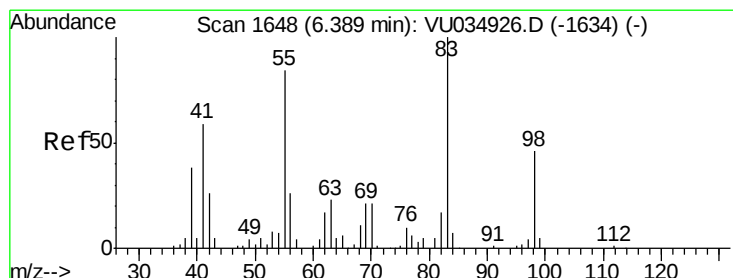
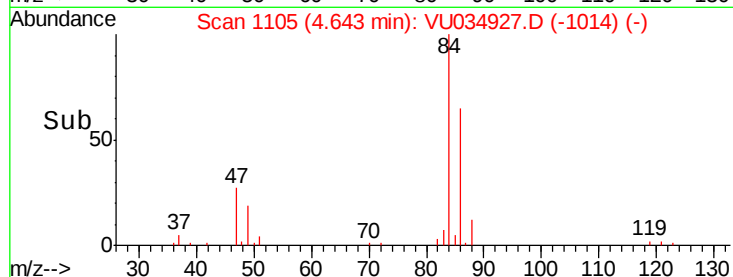
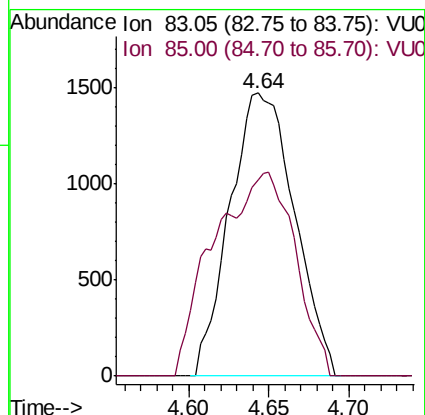
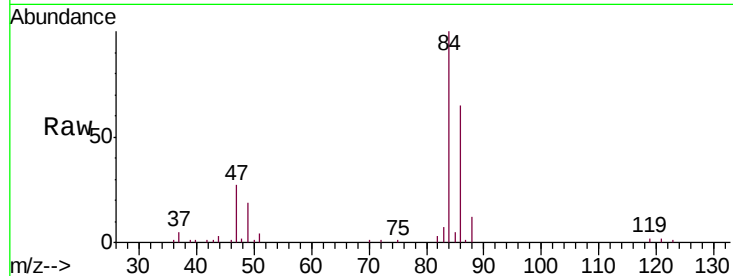




#25
 Chloroform
 Concen: 0.155 ug/L
 RT: 4.64 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: VU034927.D
 Acq: 04 Oct 2019 11:00

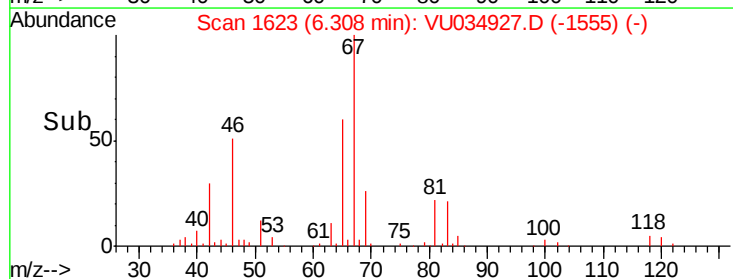
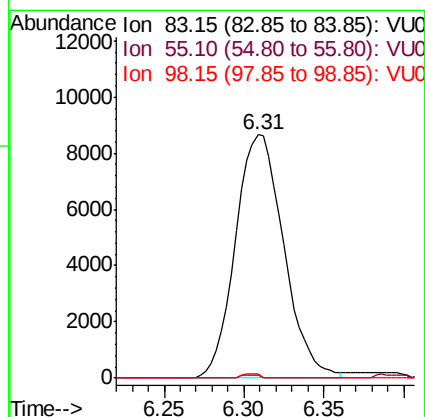
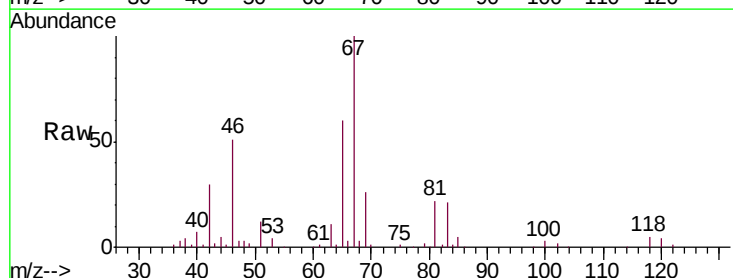
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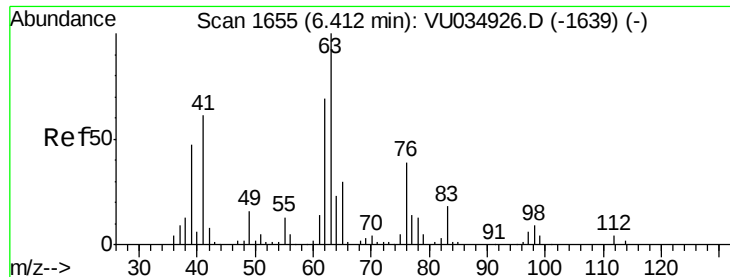
Tgt Ion: 83 Resp: 4093
 Ion Ratio Lower Upper
 83 100
 85 69.5 45.2 84.0



#35
 Methylcyclohexane
 Concen: 1.336 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.08 min
 Lab File: VU034927.D
 Acq: 04 Oct 2019 11:00

Tgt Ion: 83 Resp: 17872
 Ion Ratio Lower Upper
 83 100
 55 0.5 68.9 103.3#
 98 0.6 36.6 54.8#

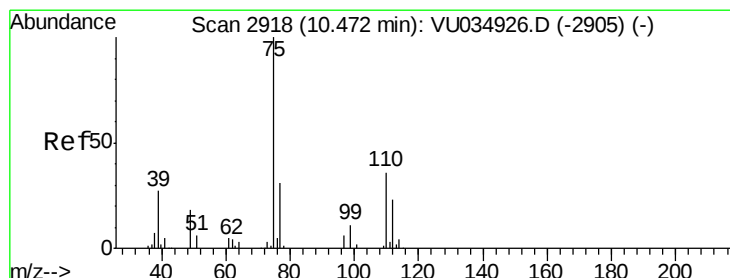
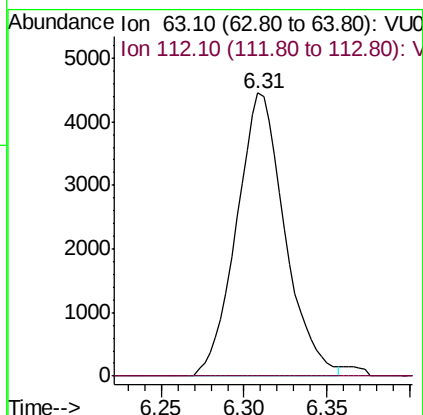
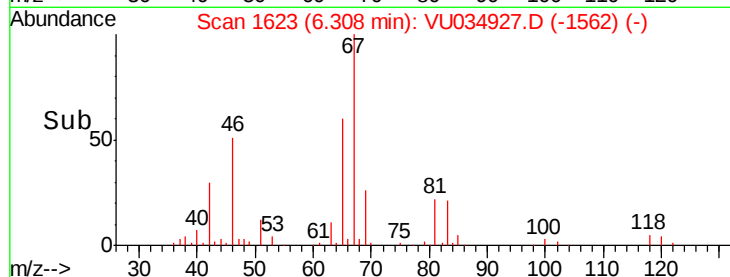
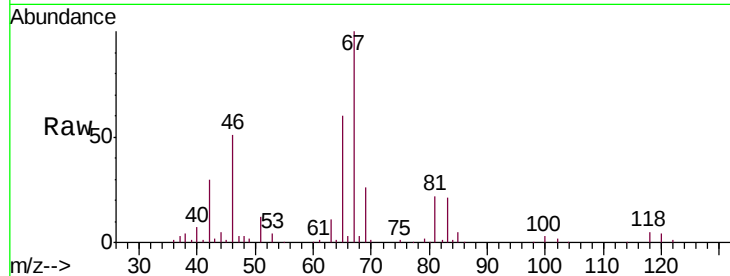




#37
 1,2-Dichloropropane
 Concen: 0.652 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU034927.D
 Acq: 04 Oct 2019 11:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK12

Tgt Ion: 63 Resp: 9013
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.6 4.0#



#59
 1,2,3-Trichloropropane
 Concen: 1.215 ug/L
 RT: 11.46 min Scan# 3225
 Delta R.T. 0.99 min
 Lab File: VU034927.D
 Acq: 04 Oct 2019 11:00

Tgt Ion: 75 Resp: 12015
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.5 39.7

