

Data File : VU027807.D
Acq On : 25 Oct 2018 16:15
Operator : MD/SY
Sample : VU1025MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK49

Quant Time: Oct 26 02:30:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 26 02:27:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	77436	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	71290	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	31186	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	26881	44.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.24%
7) Chloroethane-d5	1.68	69	21293	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.27	63	39931	36.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.60%
21) 2-Butanone-d5	4.18	46	52648	102.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.54%
24) Chloroform-d	4.65	84	54671	50.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.96%
26) 1,2-Dichloroethane-d4	5.31	65	40218	53.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.24%
32) Benzene-d6	5.34	84	99357	48.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.88%
36) 1,2-Dichloropropane-d6	6.33	67	37406	51.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.22%
41) Toluene-d8	7.57	98	92970	49.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.28%
43) trans-1,3-Dichloropropene-	7.85	79	17034	48.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.78%
47) 2-Hexanone-d5	8.31	63	36450	98.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.27%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	46399	49.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	32026	50.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.28%

Target Compounds

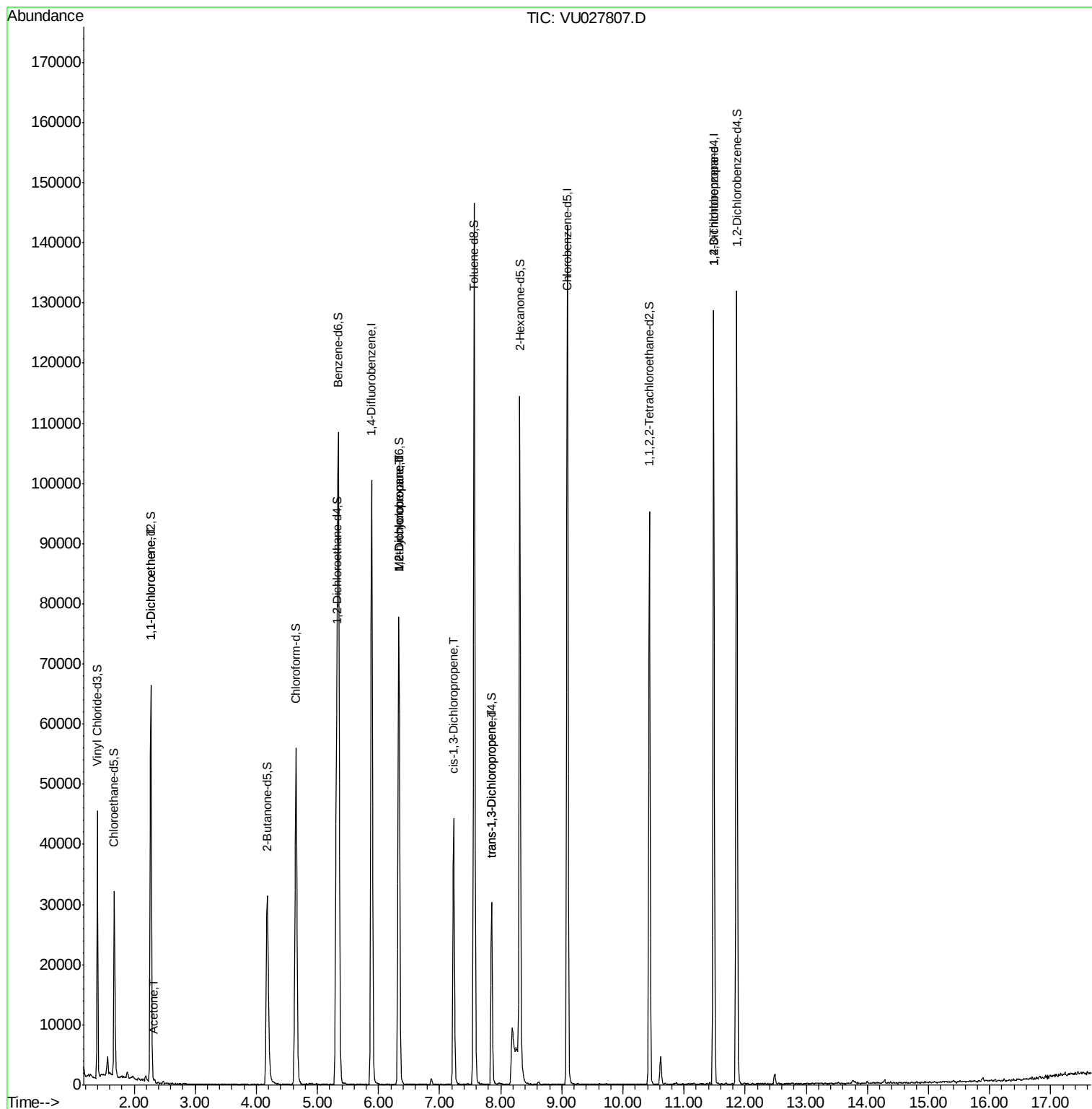
					Qvalue	
12) 1,1-Dichloroethene	2.28	96	253	0.586	ug/L #	1
13) Acetone	2.32	43	188	0.526	ug/L #	46
35) Methylcyclohexane	6.33	83	8021	8.735	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	4110	6.559	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	1120	1.161	ug/L #	80
44) trans-1,3-Dichloropropene	7.85	75	665	0.729	ug/L	94
59) 1,2,3-Trichloropropane	11.48	75	4097	5.532	ug/L #	87

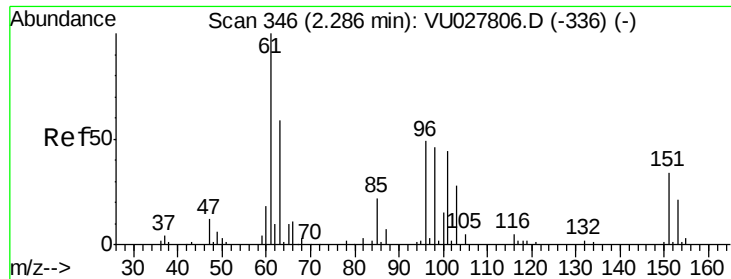
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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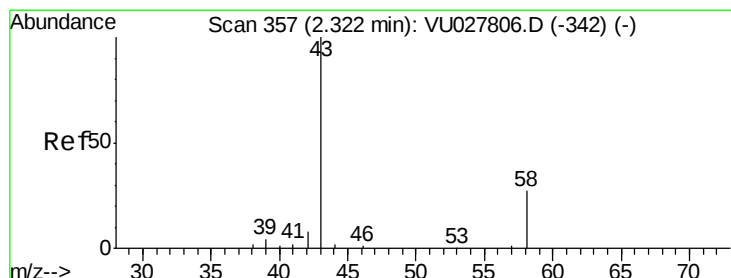
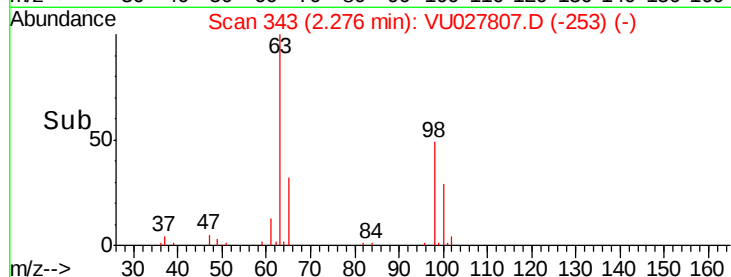
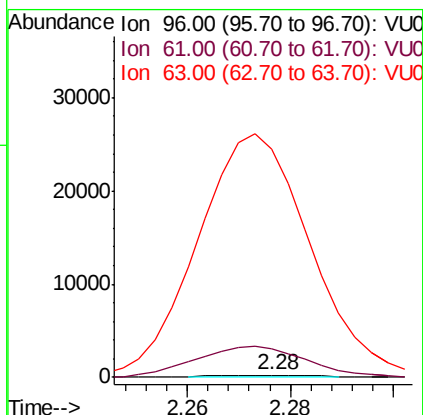
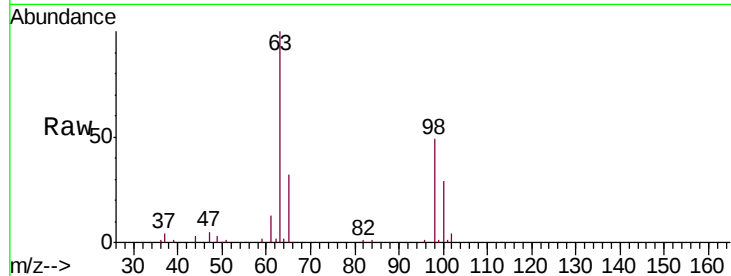




#12
 1,1-Dichloroethene
 Concen: 0.586 ug/L
 RT: 2.28 min Scan# 343
 Delta R.T. -0.01 min
 Lab File: VU027807.D
 Acq: 25 Oct 2018 16:15

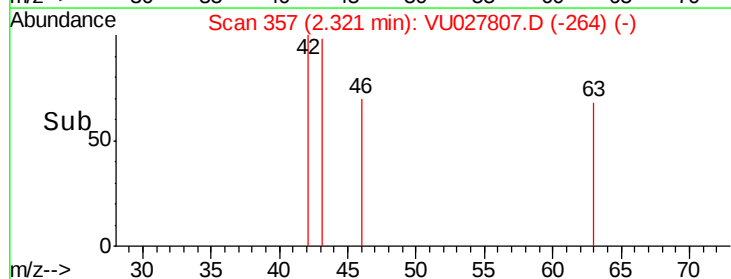
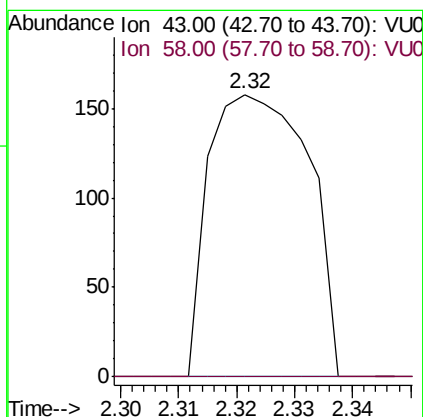
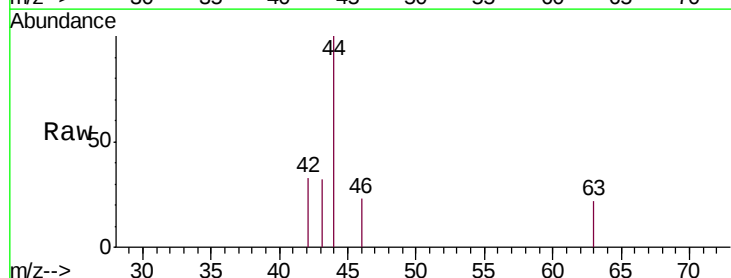
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK49

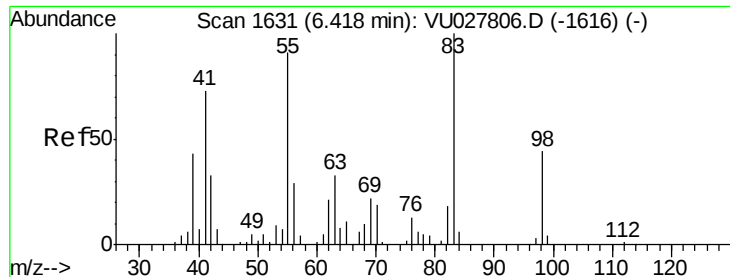
Tgt Ion: 96 Resp: 253
 Ion Ratio Lower Upper
 96 100
 61 1618.9 137.3 255.1#
 63 12901.1 109.8 204.0#



#13
 Acetone
 Concen: 0.526 ug/L
 RT: 2.32 min Scan# 357
 Delta R.T. -0.00 min
 Lab File: VU027807.D
 Acq: 25 Oct 2018 16:15

Tgt Ion: 43 Resp: 188
 Ion Ratio Lower Upper
 43 100
 58 0.0 0.0 57.4

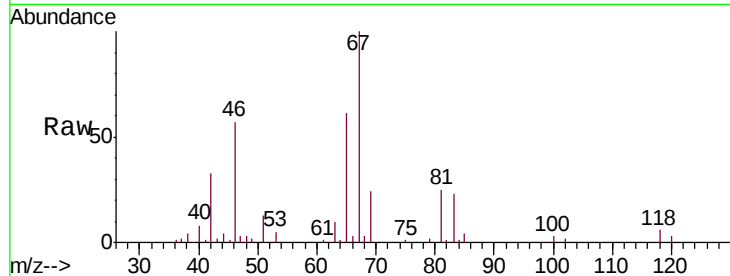




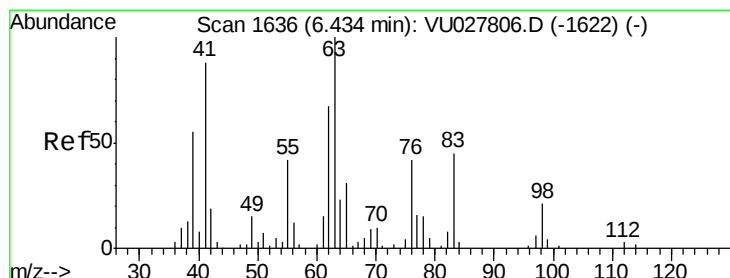
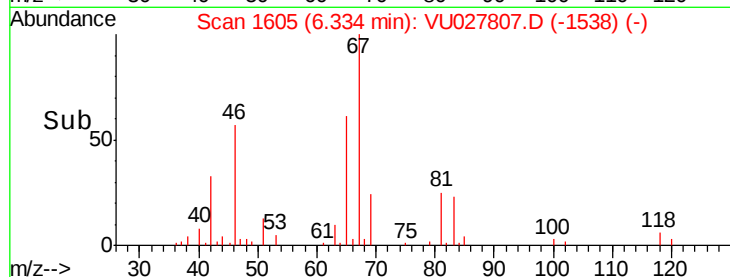
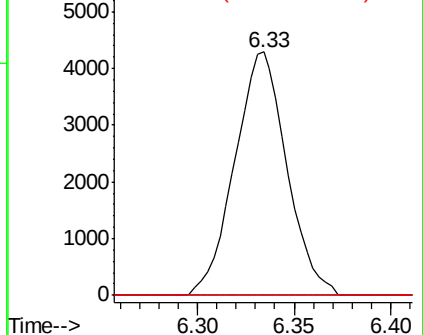
#35
Methylcyclohexane
Concen: 8.735 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU027807.D
Acq: 25 Oct 2018 16:15

Instrument :
MSVOA_U
ClientSampleId :
VBLK49

Tgt Ion: 83 Resp: 8021
Ion Ratio Lower Upper
83 100
55 0.0 71.9 107.9#
98 0.0 34.6 52.0#

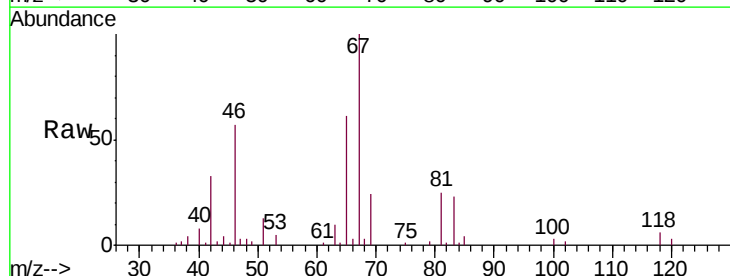


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

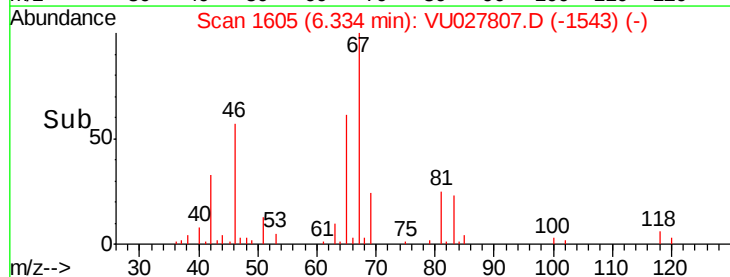
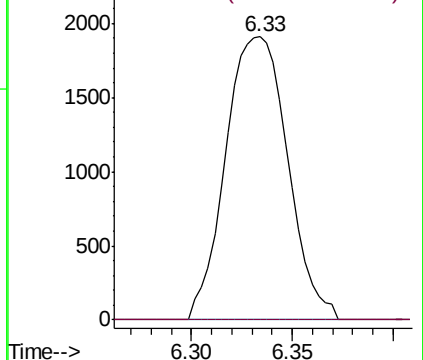


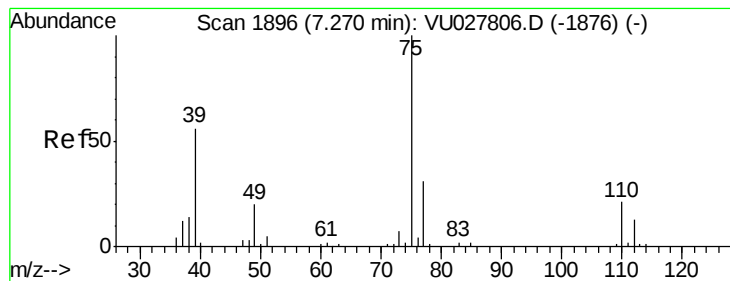
#37
1,2-Dichloropropane
Concen: 6.559 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU027807.D
Acq: 25 Oct 2018 16:15

Tgt Ion: 63 Resp: 4110
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V



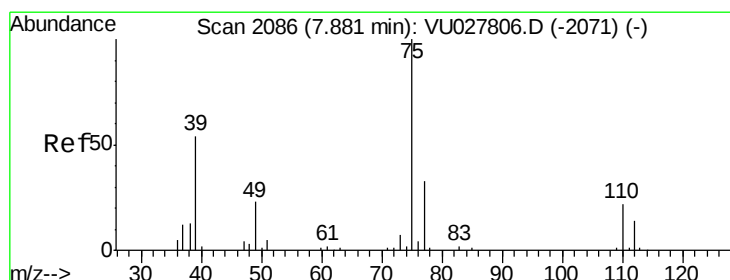
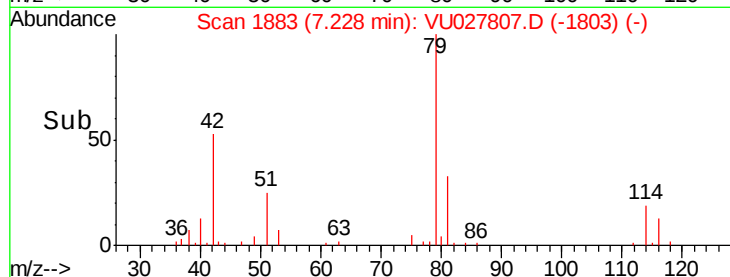
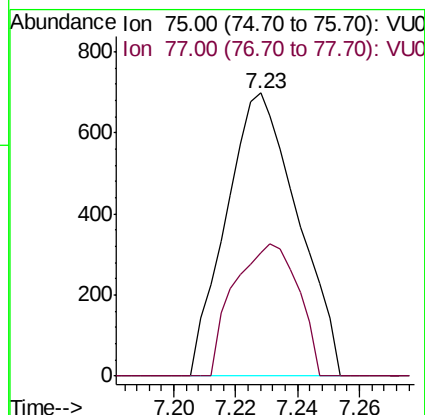
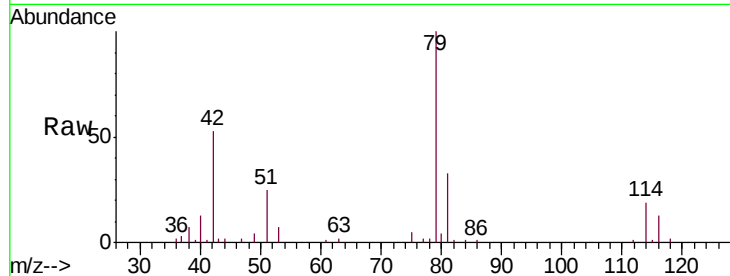


#39

cis-1,3-Dichloropropene
 Concen: 1.161 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU027807.D
 Acq: 25 Oct 2018 16:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK49

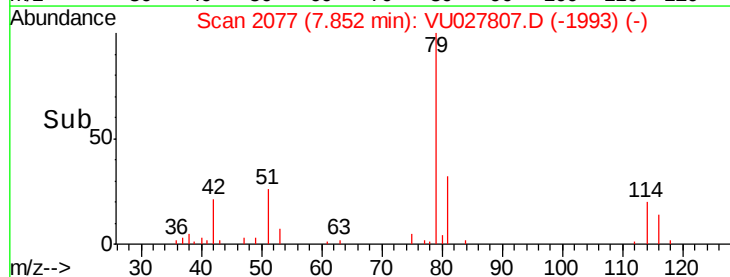
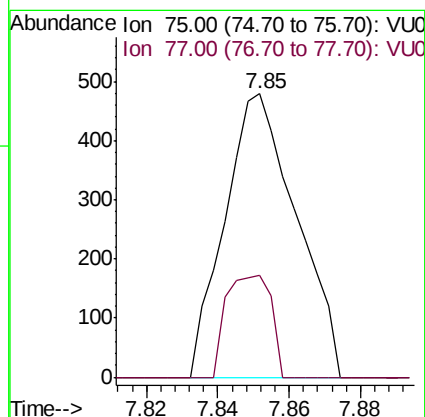
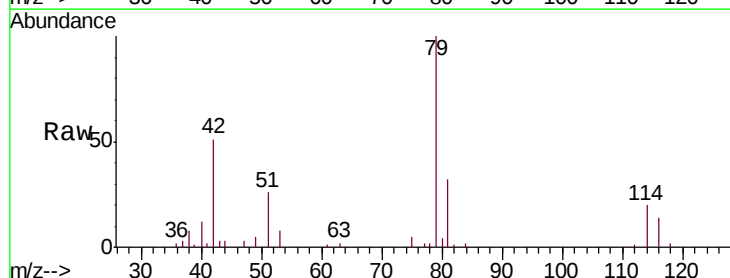
Tgt Ion: 75 Resp: 1120
 Ion Ratio Lower Upper
 75 100
 77 43.4 22.5 41.7#

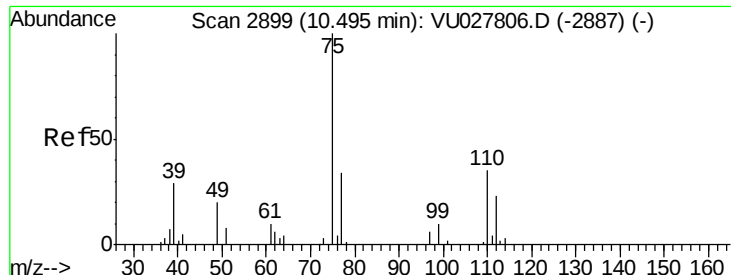


#44

trans-1,3-Dichloropropene
 Concen: 0.729 ug/L
 RT: 7.85 min Scan# 2077
 Delta R.T. -0.03 min
 Lab File: VU027807.D
 Acq: 25 Oct 2018 16:15

Tgt Ion: 75 Resp: 665
 Ion Ratio Lower Upper
 75 100
 77 35.9 22.8 42.4





#59

1,2,3-Trichloropropane

Concen: 5.532 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU027807.D

Acq: 25 Oct 2018 16:15

Instrument :

MSVOA_U

ClientSampleId :

VBLK49

Tgt Ion: 75 Resp: 4097

Ion Ratio Lower Upper

75 100

77 40.4 26.5 39.7#

