

Data File : VU032683.D
Acq On : 13 Jun 2019 10:55
Operator : JC/SP
Sample : K3286-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JP9

Quant Time: Jun 14 01:29:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 14 01:25:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	181755	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	172912	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	83803	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41436	35.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.28%
7) Chloroethane-d5	1.68	69	37992	40.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.18%
11) 1,1-Dichloroethene-d2	2.27	63	65991	28.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.16%#
21) 2-Butanone-d5	4.17	46	102700	104.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.07%
24) Chloroform-d	4.64	84	96661	43.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.90%
26) 1,2-Dichloroethane-d4	5.31	65	65851	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.06%
32) Benzene-d6	5.33	84	184638	41.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.26%
36) 1,2-Dichloropropane-d6	6.32	67	62864	44.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.32%
41) Toluene-d8	7.56	98	165624	38.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.82%#
43) trans-1,3-Dichloropropene-	7.85	79	27497	40.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.64%
47) 2-Hexanone-d5	8.31	63	76238	111.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	97849	47.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	74242	46.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.50%

Target Compounds

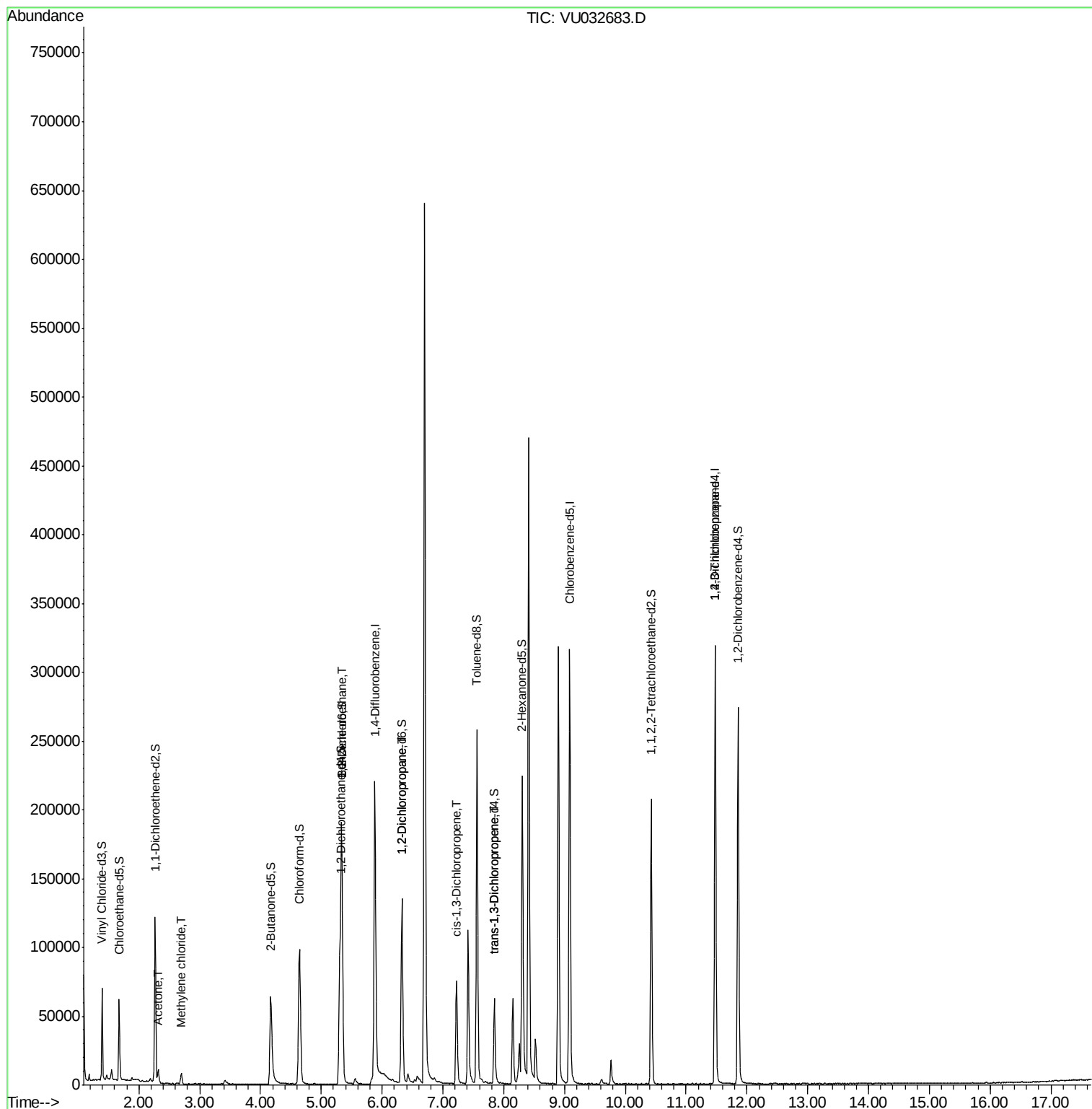
					Qvalue
13) Acetone	2.32	43	9873	9.696 ug/L	96
16) Methylene chloride	2.70	84	3407	2.769 ug/L	95
27) 1,2-Dichloroethane	5.34	62	1013	0.583 ug/L #	75
37) 1,2-Dichloropropane	6.32	63	7030	5.459 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2027	0.998 ug/L #	70
44) trans-1,3-Dichloropropene	7.85	75	1314	0.729 ug/L	90
59) 1,2,3-Trichloropropane	11.48	75	10255	6.125 ug/L	91

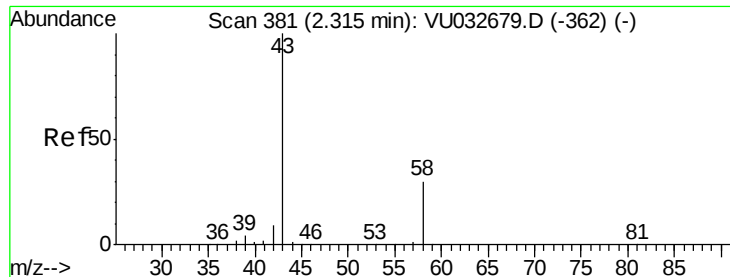
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.696 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032683.D

Acq: 13 Jun 2019 10:55

Instrument :

MSVOA_U

ClientSampleId :

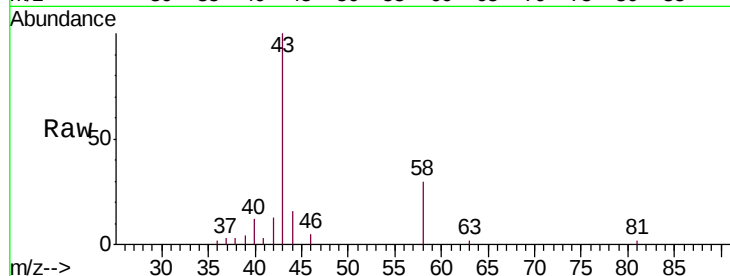
C0JP9

Tgt Ion: 43 Resp: 9873

Ion Ratio Lower Upper

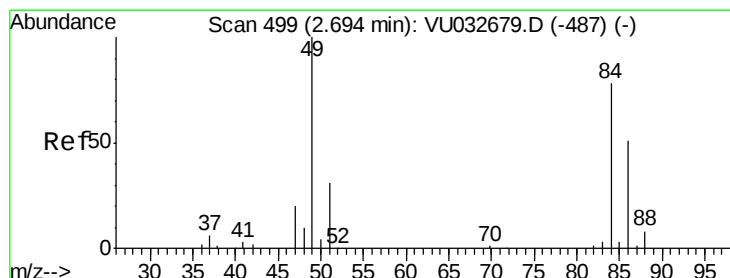
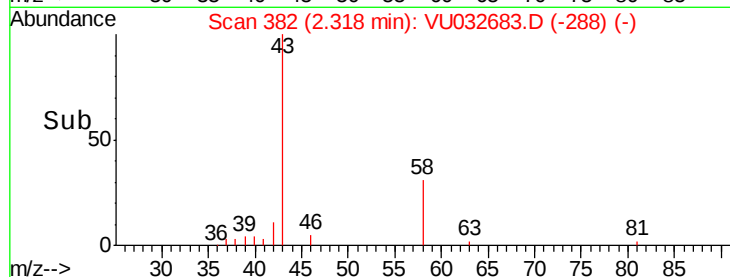
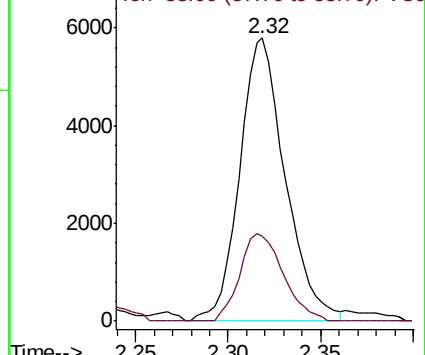
43 100

58 29.5 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032683.D (-382) (-)

Ion 58.00 (57.70 to 58.70): VU032683.D (-382) (-)



#16

Methylene chloride

Concen: 2.769 ug/L

RT: 2.70 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU032683.D

Acq: 13 Jun 2019 10:55

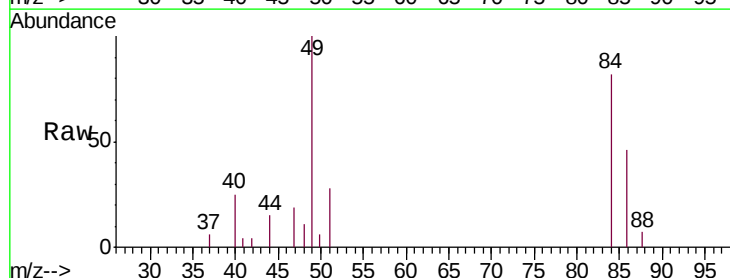
Tgt Ion: 84 Resp: 3407

Ion Ratio Lower Upper

84 100

86 55.4 44.7 82.9

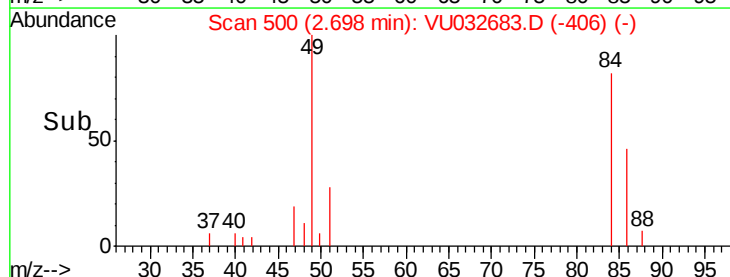
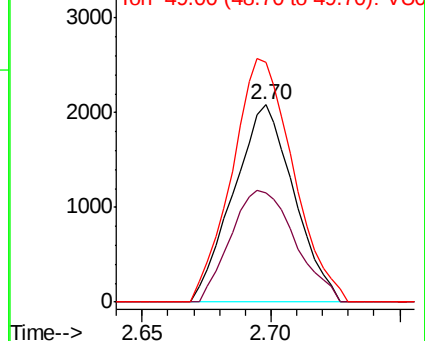
49 121.4 86.1 159.9

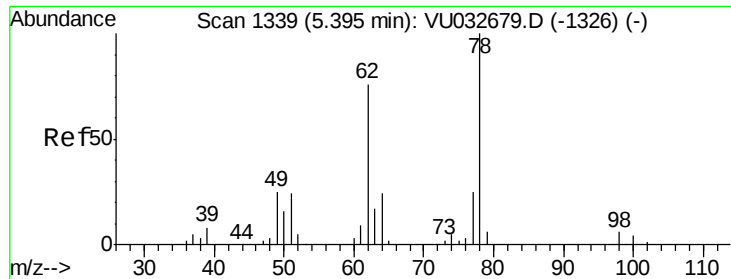


Abundance Ion 84.00 (83.70 to 84.70): VU032683.D (-500) (-)

Ion 86.00 (85.70 to 86.70): VU032683.D (-500) (-)

Ion 49.00 (48.70 to 49.70): VU032683.D (-500) (-)

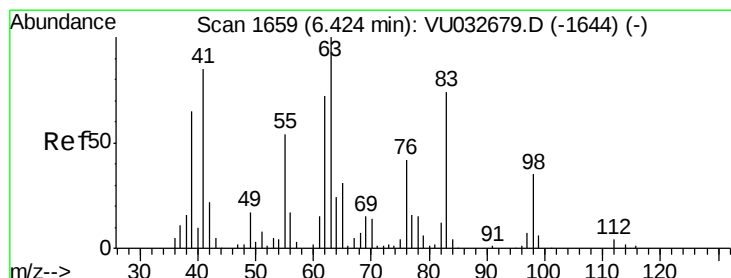
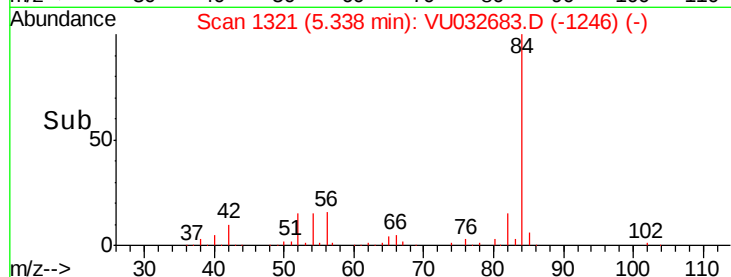
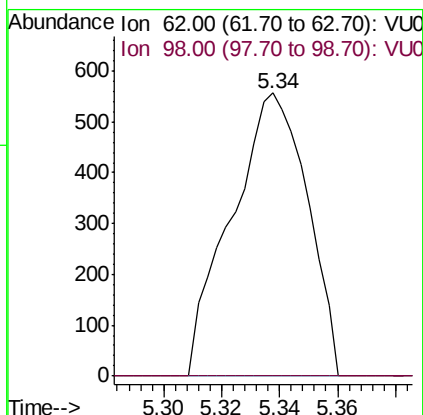
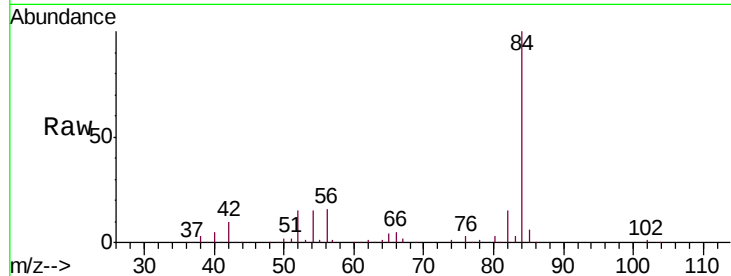




#27
 1,2-Dichloroethane
 Concen: 0.583 ug/L
 RT: 5.34 min Scan# 1321
 Delta R.T. -0.06 min
 Lab File: VU032683.D
 Acq: 13 Jun 2019 10:55

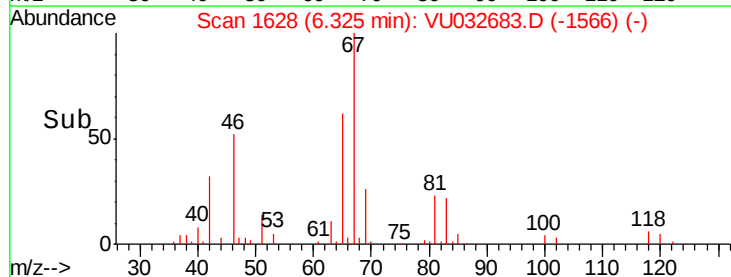
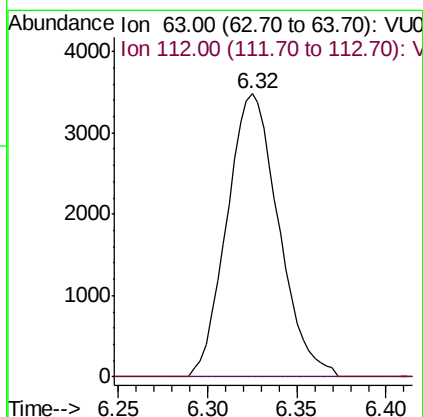
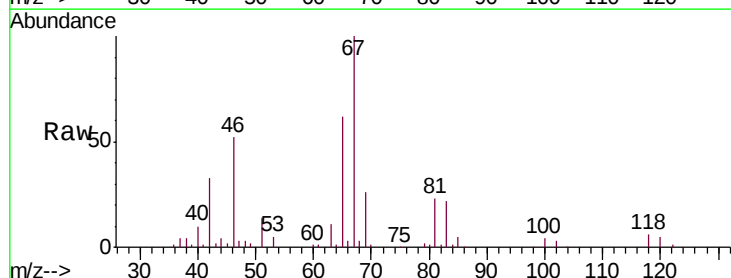
Instrument :
 MSVOA_U
 ClientSampled :
 C0JP9

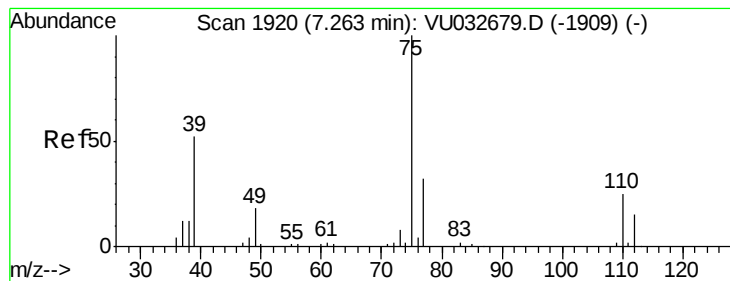
Tgt Ion: 62 Resp: 1013
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.2 10.8#



#37
 1,2-Dichloropropane
 Concen: 5.459 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032683.D
 Acq: 13 Jun 2019 10:55

Tgt Ion: 63 Resp: 7030
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



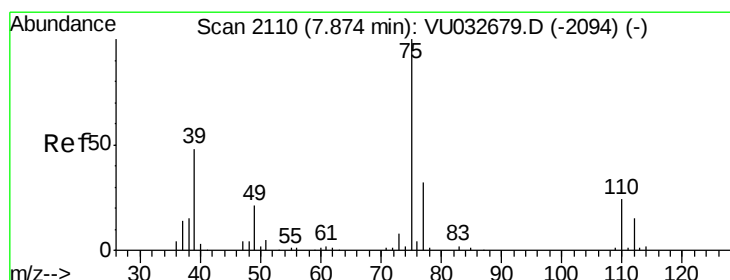
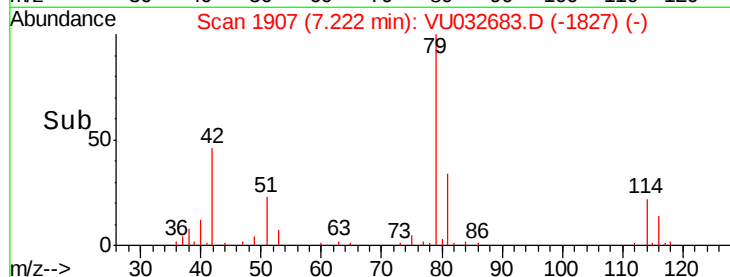
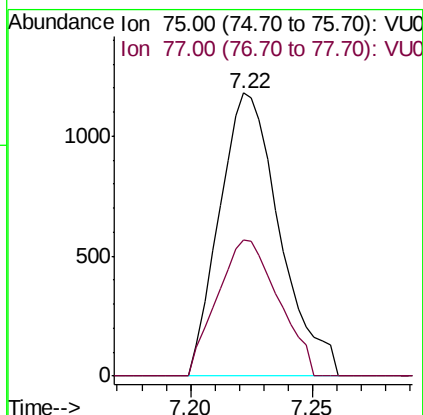
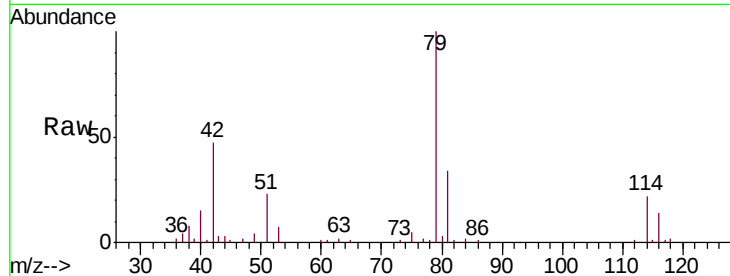


#39

cis-1,3-Dichloropropene
Concen: 0.998 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032683.D
Acq: 13 Jun 2019 10:55

Instrument :
MSVOA_U
ClientSampled :
C0JP9

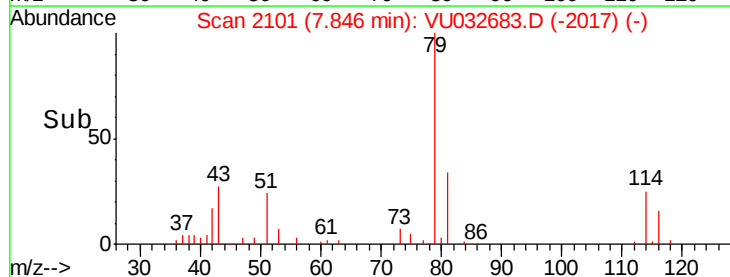
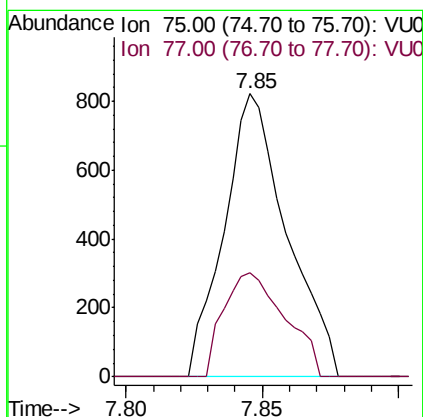
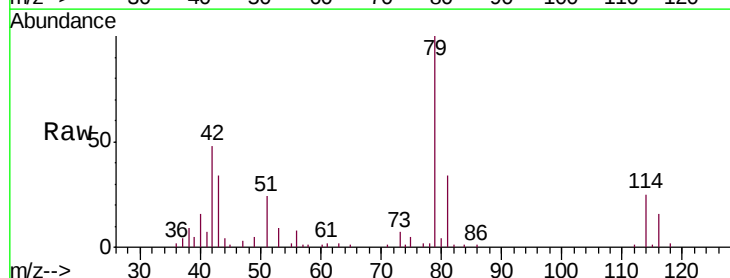
Tgt Ion: 75 Resp: 2027
Ion Ratio Lower Upper
75 100
77 48.2 22.0 41.0#

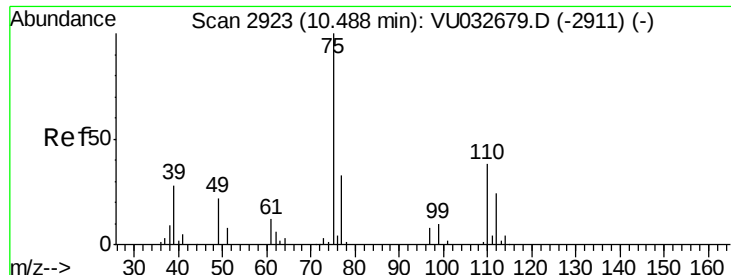


#44

trans-1,3-Dichloropropene
Concen: 0.729 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032683.D
Acq: 13 Jun 2019 10:55

Tgt Ion: 75 Resp: 1314
Ion Ratio Lower Upper
75 100
77 37.0 22.1 41.1





#59

1,2,3-Trichloropropane

Concen: 6.125 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032683.D

Acq: 13 Jun 2019 10:55

Instrument :

MSVOA_U

ClientSampleId :

C0JP9

Tgt Ion: 75 Resp: 10255

Ion Ratio Lower Upper

75 100

77 37.1 25.6 38.4

