

Data File : VU028949.D
Acq On : 24 Dec 2018 15:54
Operator : MD/SY
Sample : J6542-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9F88

Quant Time: Dec 25 00:08:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 25 00:02:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	258621	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	243670	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	114039	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	80044	38.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.22%
7) Chloroethane-d5	1.67	69	70250	43.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.74%
11) 1,1-Dichloroethene-d2	2.27	63	118881	34.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.20%
21) 2-Butanone-d5	4.17	46	136480	93.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.95%
24) Chloroform-d	4.65	84	156849	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.22%
26) 1,2-Dichloroethane-d4	5.31	65	98907	49.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.42%
32) Benzene-d6	5.34	84	344840	50.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.18%
36) 1,2-Dichloropropane-d6	6.33	67	114456	48.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.88%
41) Toluene-d8	7.56	98	326347	52.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.62%
43) trans-1,3-Dichloropropene-	7.85	79	52246	49.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.72%
47) 2-Hexanone-d5	8.31	63	116051	104.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	160495	49.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	123226	53.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.86%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1128	0.673 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	990	0.597 ug/L #	1
13) Acetone	2.32	43	1057	0.714 ug/L	89
37) 1,2-Dichloropropane	6.33	63	10936	5.043 ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	2576	0.833 ug/L #	52
44) trans-1,3-Dichloropropene	7.85	75	1980	0.718 ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	12020	4.645 ug/L	95

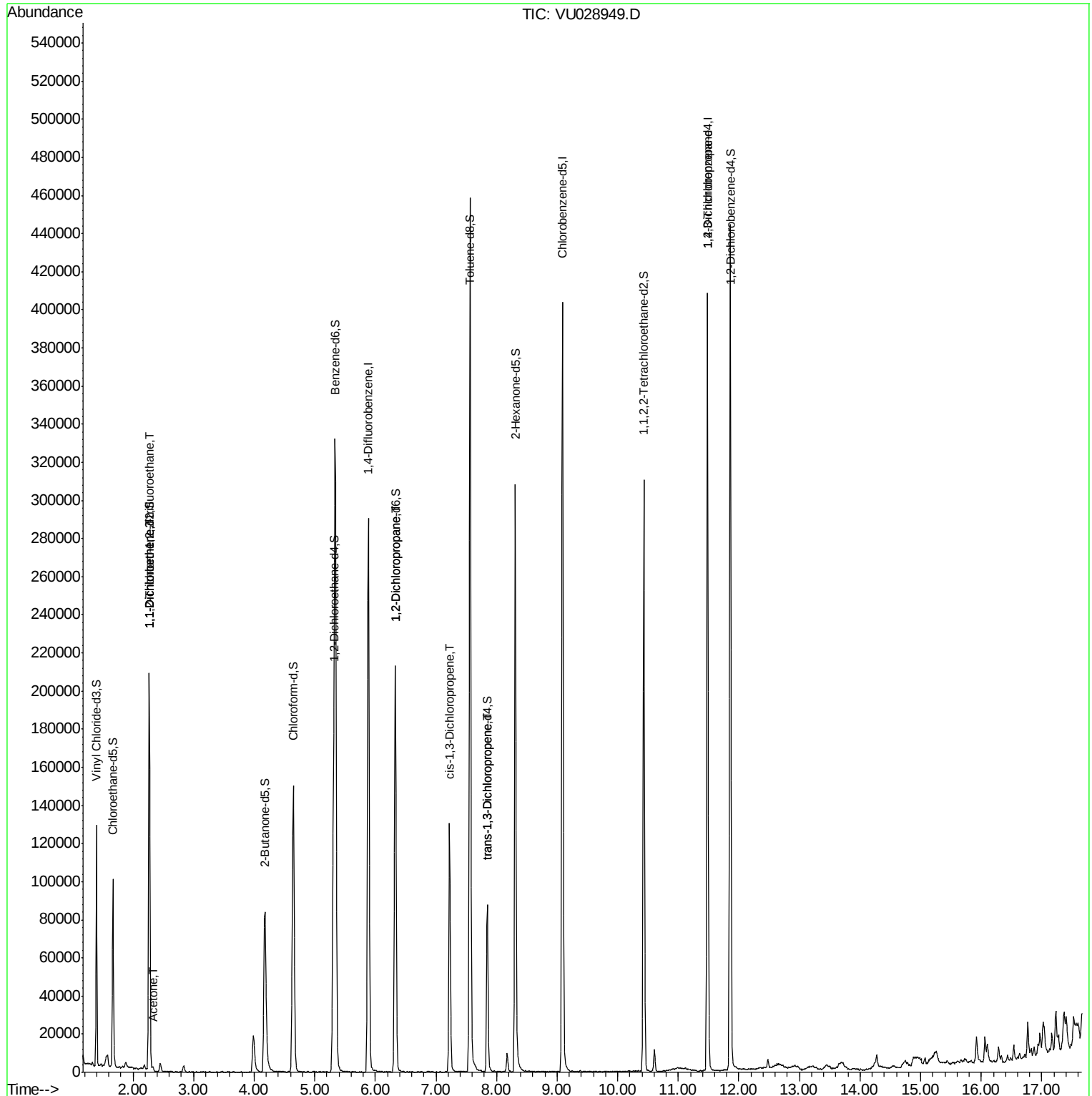
(#) = qualifier out of range (m) = manual integration (+) = signals summed

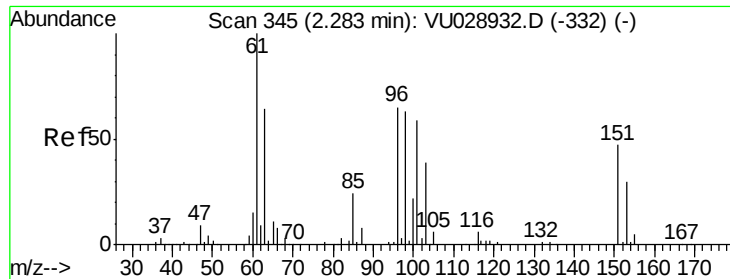
Data File : VU028949.D

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#10

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

Concen: 0.673 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.01 min

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Acq: 24 Dec 2018 15:54

Instrument :

MSVOA_U

ClientSampleId :

F9F88

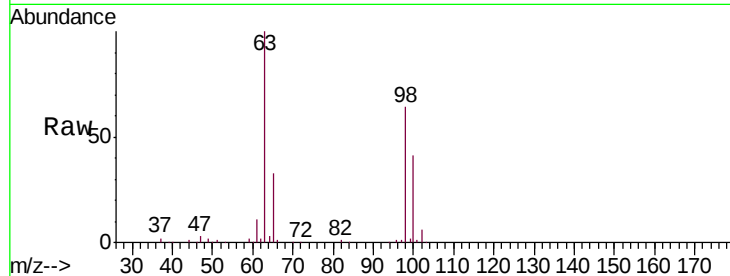
Tgt Ion: 101 Resp: 1128

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

151 0.0 59.4 89.0#



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

2.27

800

600

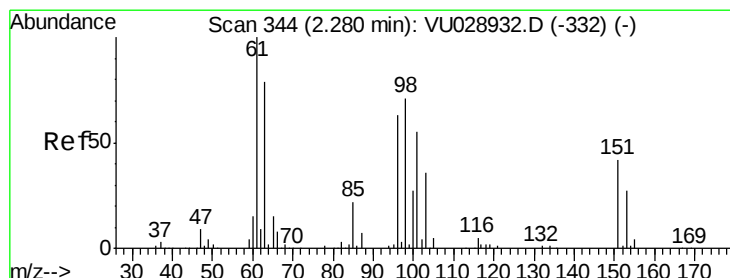
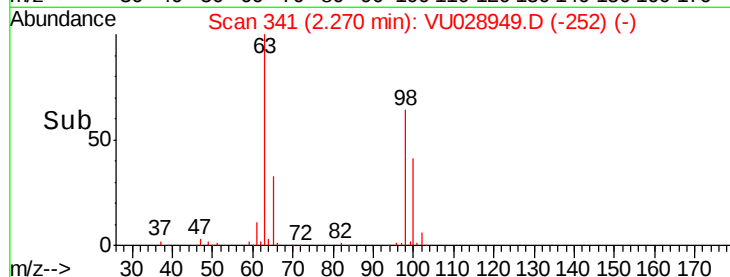
400

200

0

2.24 2.26 2.28 2.30

Time-->



#12

1,1-Dichloroethene

Concen: 0.597 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.01 min

Lab File: VU028949.D

Acq: 24 Dec 2018 15:54

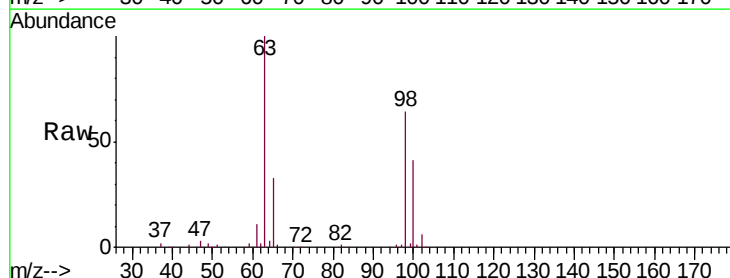
Tgt Ion: 96 Resp: 990

Ion Ratio Lower Upper

96 100

61 1314.7 119.3 221.5#

63 11970.8 107.4 199.6#



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

100000

80000

60000

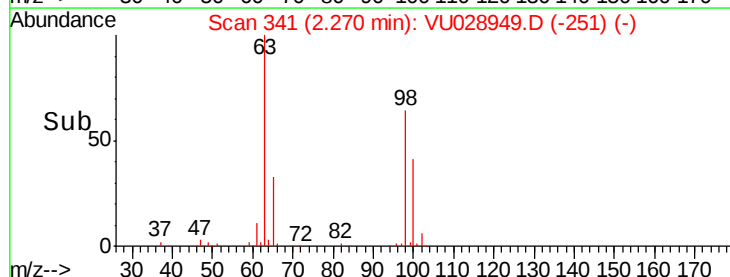
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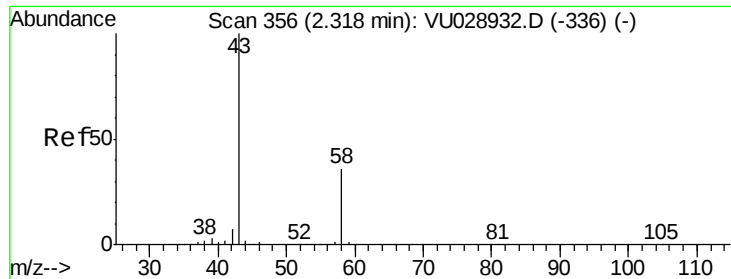
20000

0

2.24 2.26 2.28 2.30

Time-->





#13

Acetone

Concen: 0.714 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028949.D

Acq: 24 Dec 2018 15:54

Instrument :

MSVOA_U

ClientSampleId :

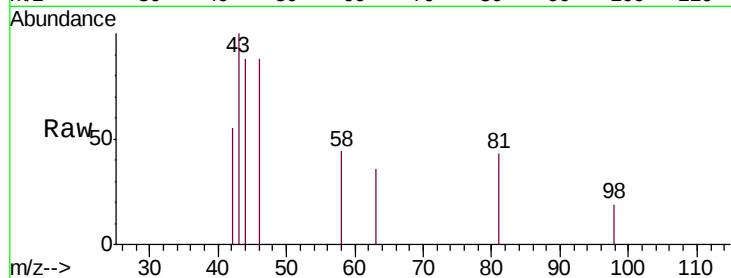
F9F88

Tgt Ion: 43 Resp: 1057

Ion Ratio Lower Upper

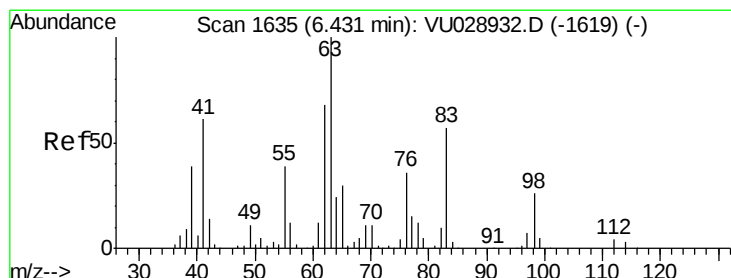
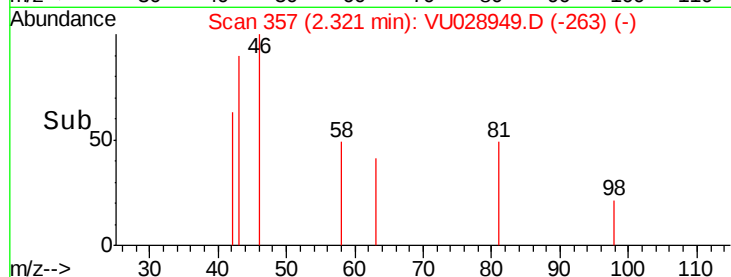
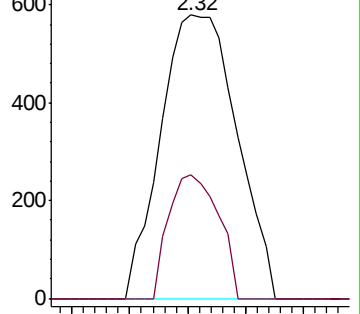
43 100

58 28.6 0.0 70.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#37

1,2-Dichloropropane

Concen: 5.043 ug/L

RT: 6.33 min Scan# 1603

Delta R.T. -0.10 min

Lab File: VU028949.D

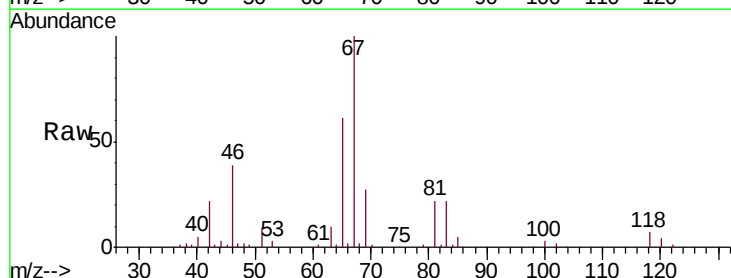
Acq: 24 Dec 2018 15:54

Tgt Ion: 63 Resp: 10936

Ion Ratio Lower Upper

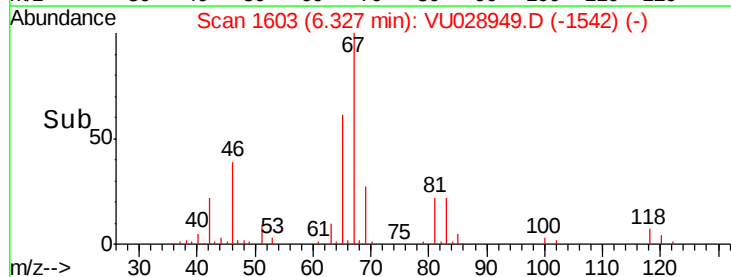
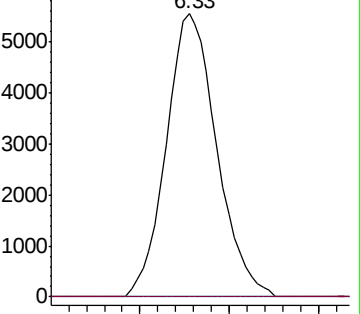
63 100

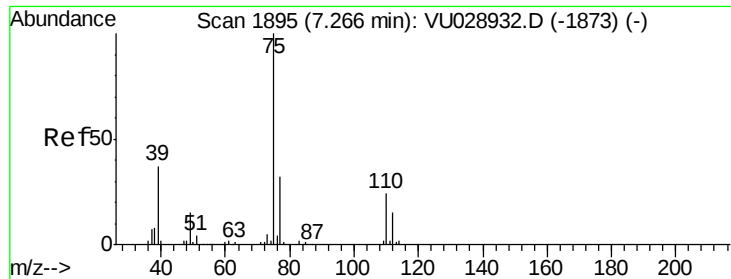
112 0.0 2.7 4.1#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



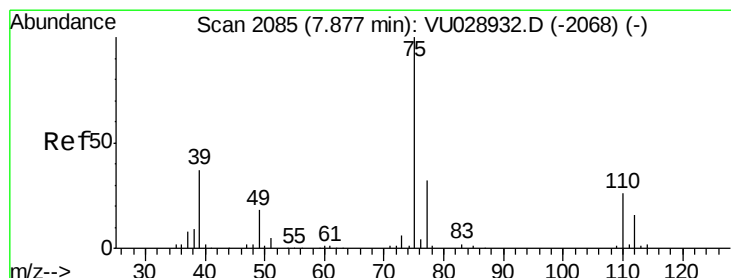
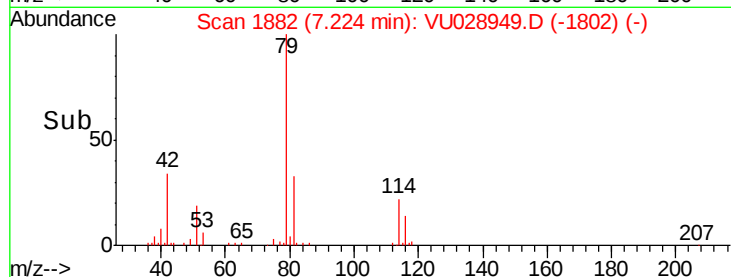
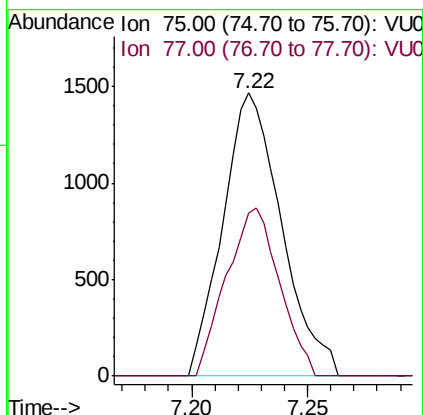
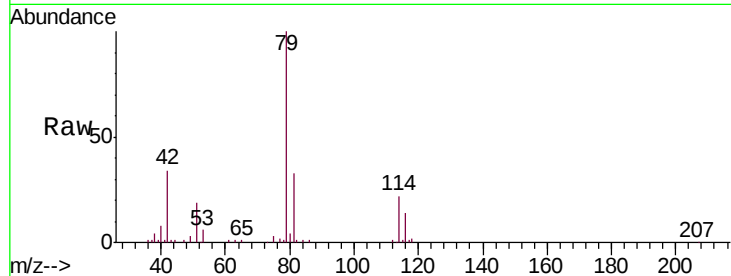


#39

cis-1,3-Dichloropropene
Concen: 0.833 ug/L
RT: 7.22 min Scan# 1882
Delta R.T. -0.04 min
Lab File: VU028949.D
Acq: 24 Dec 2018 15:54

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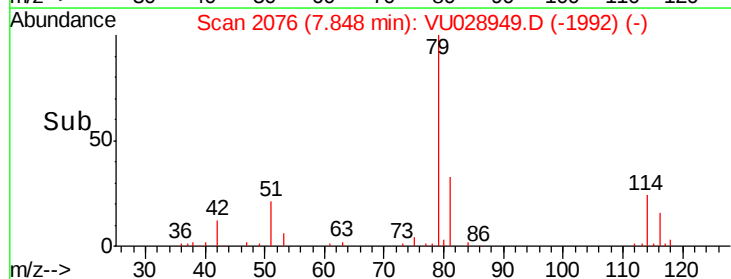
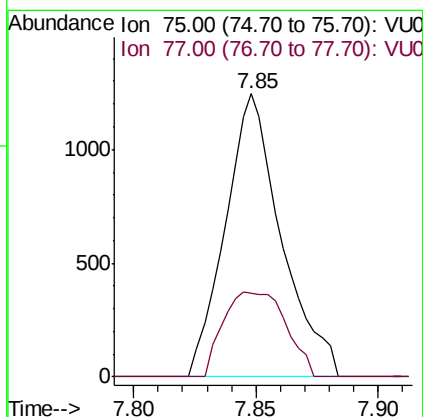
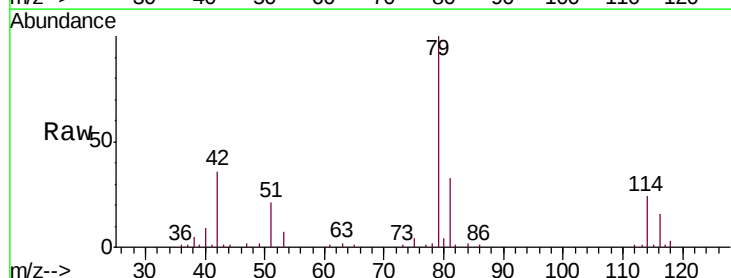
Tgt Ion: 75 Resp: 2576
Ion Ratio Lower Upper
75 100
77 57.6 21.8 40.6#

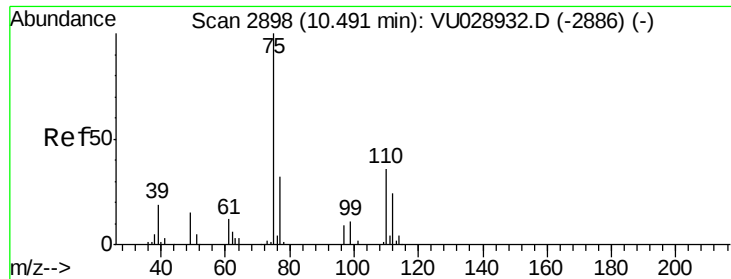


#44

trans-1,3-Dichloropropene
Concen: 0.718 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU028949.D
Acq: 24 Dec 2018 15:54

Tgt Ion: 75 Resp: 1980
Ion Ratio Lower Upper
75 100
77 29.7 21.8 40.6





#59

1,2,3-Trichloropropane

Concen: 4.645 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028949.D

Acq: 24 Dec 2018 15:54

Instrument :

MSVOA_U

ClientSampleId :

F9F88

Tgt Ion: 75 Resp: 12020

Ion Ratio Lower Upper

75 100

77 34.6 25.5 38.3

