

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100918\
 Data File : VU027523.D
 Acq On : 09 Oct 2018 12:44
 Operator : MD/SY
 Sample : J5298-21
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 10 08:26:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 10 08:24:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	182874	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	165825	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	68682	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	63565	44.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.34%
7) Chloroethane-d5	1.68	69	50930	45.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.88%
11) 1,1-Dichloroethene-d2	2.27	63	91937	34.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.10%
21) 2-Butanone-d5	4.18	46	105769	91.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.04%
24) Chloroform-d	4.65	84	86065	37.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.78%
26) 1,2-Dichloroethane-d4	5.31	65	77385	47.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.94%
32) Benzene-d6	5.34	84	224592	47.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.52%
36) 1,2-Dichloropropane-d6	6.33	67	80215	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.56%
41) Toluene-d8	7.57	98	184187	43.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.72%
43) trans-1,3-Dichloropropene-	7.85	79	33699	42.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.92%
47) 2-Hexanone-d5	8.31	63	73847	89.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	98600	46.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	62553	46.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.10%

Target Compounds

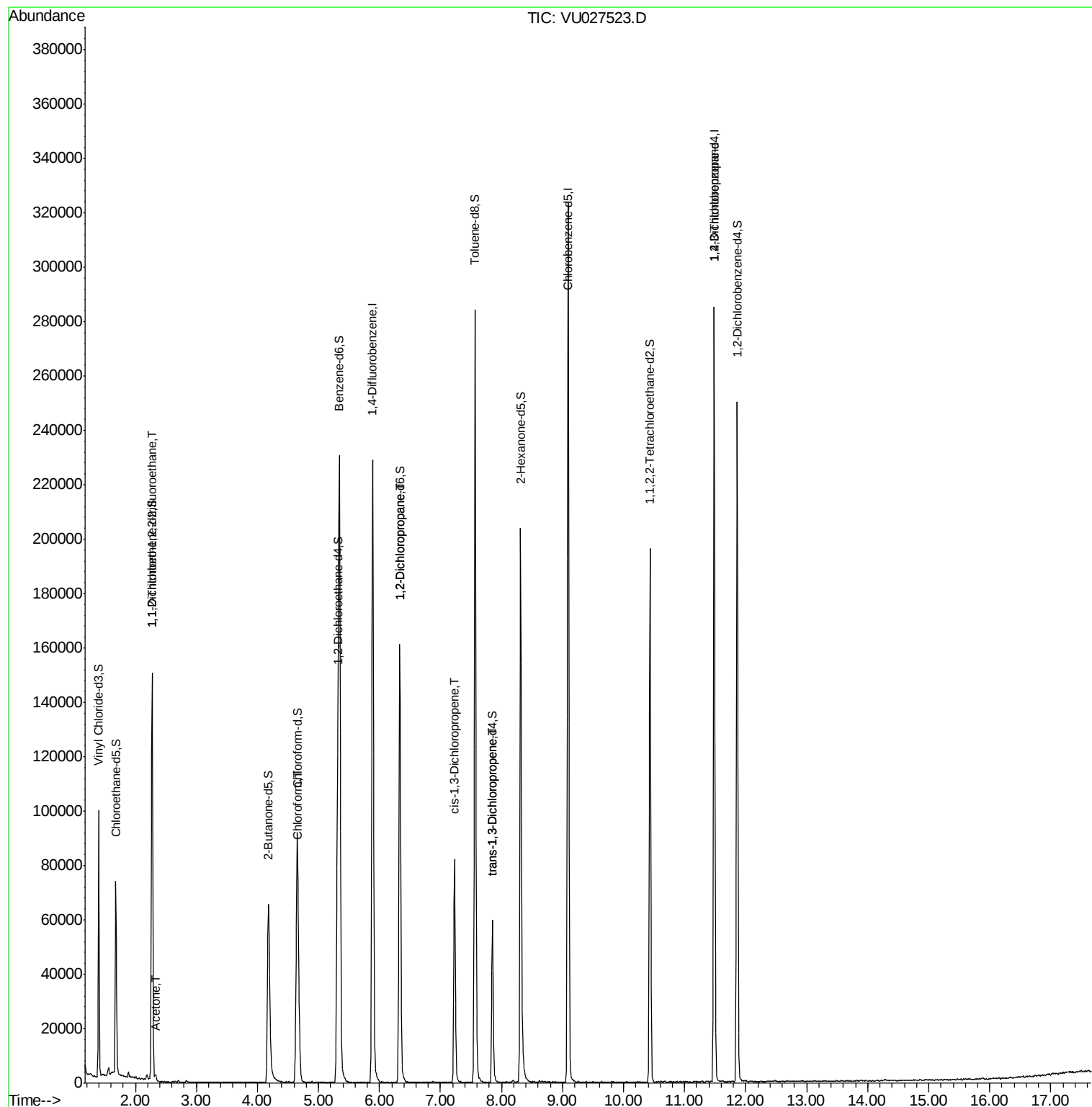
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	692	0.572 ug/L #	21
13) Acetone	2.32	43	665	0.698 ug/L #	44
25) Chloroform	4.67	83	23421	8.976 ug/L	98
37) 1,2-Dichloropropane	6.33	63	7926	5.020 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1776	0.766 ug/L #	65
44) trans-1,3-Dichloropropene	7.85	75	1451	0.674 ug/L	92
59) 1,2,3-Trichloropropane	11.48	75	9570	5.354 ug/L	91

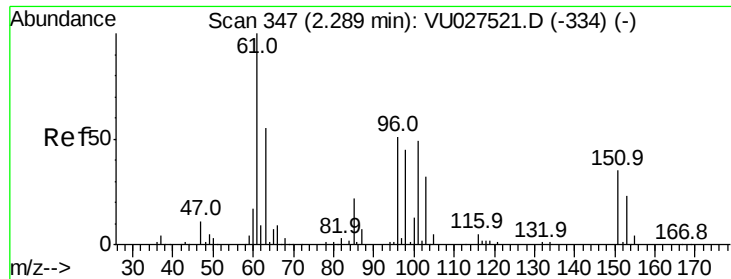
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 10 08:24:11 2018
Response via : Initial Calibration





#10

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

Concen: 0.572 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU027523.D

Acq: 09 Oct 2018 12:44

Instrument :

MSVOA_U

ClientSampled :

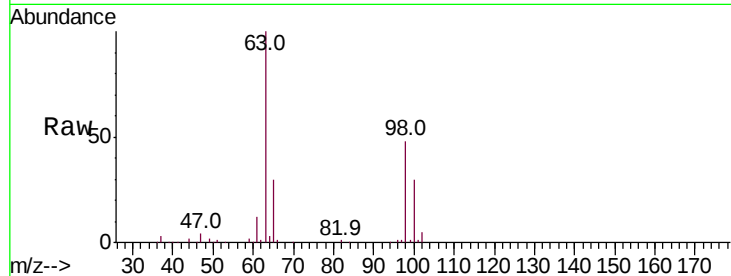
Tot Ion:101 Resp: 692

Ion Ratio Lower Upper

101 100

85 0.0 35.9 53.9#

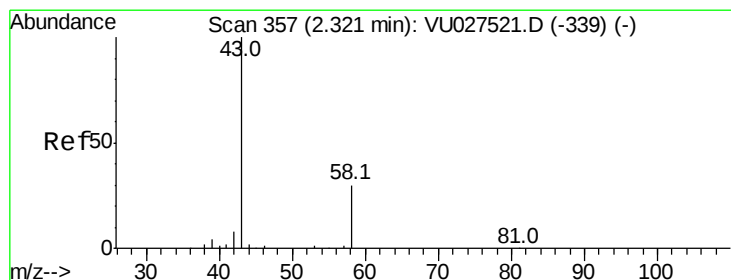
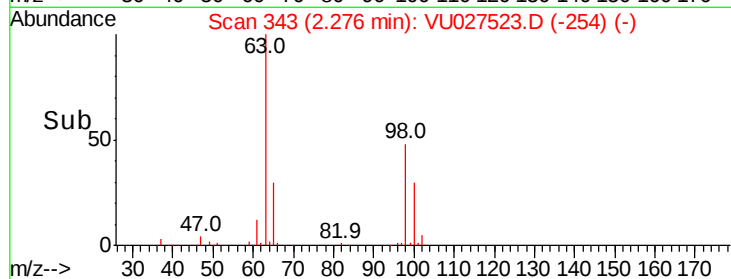
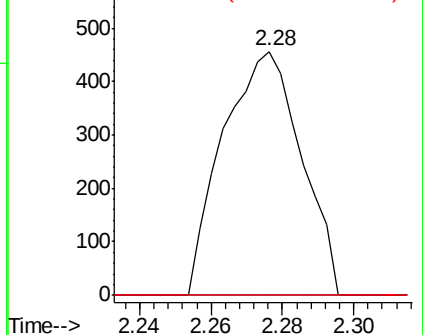
151 0.0 55.7 83.5#



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



#13

Acetone

Concen: 0.698 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027523.D

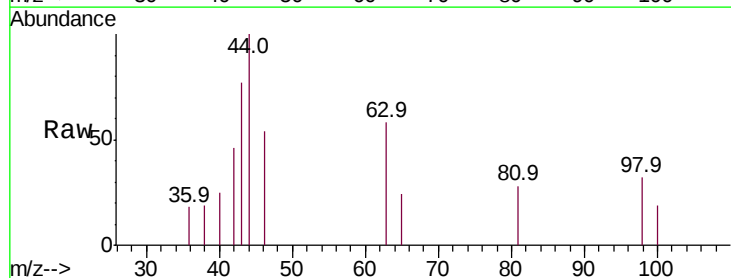
Acq: 09 Oct 2018 12:44

Tgt Ion: 43 Resp: 665

Ion Ratio Lower Upper

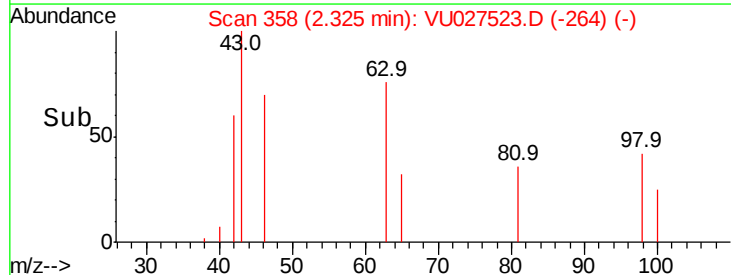
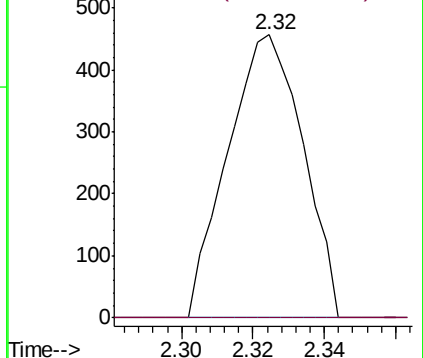
43 100

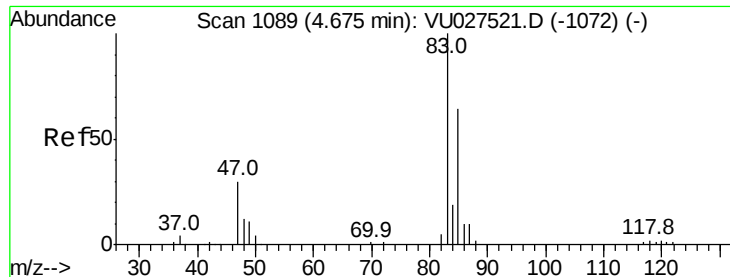
58 0.0 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

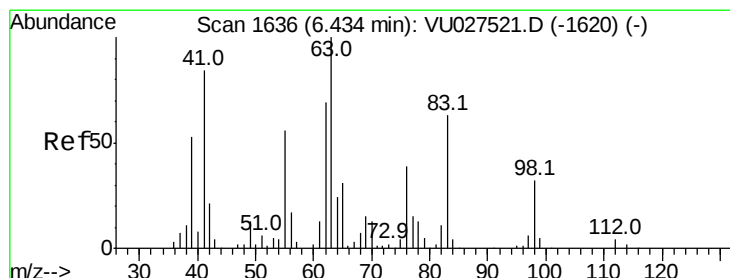
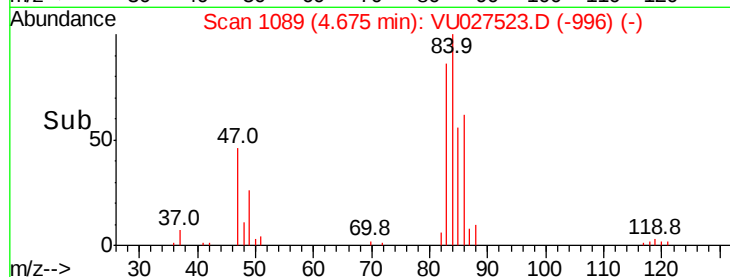
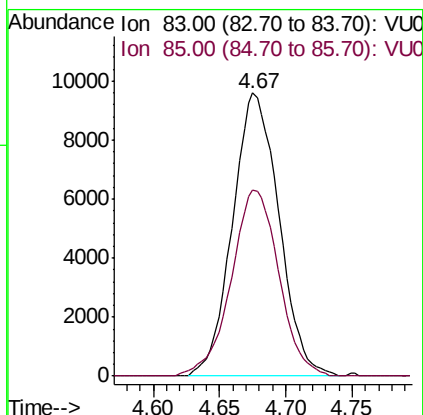
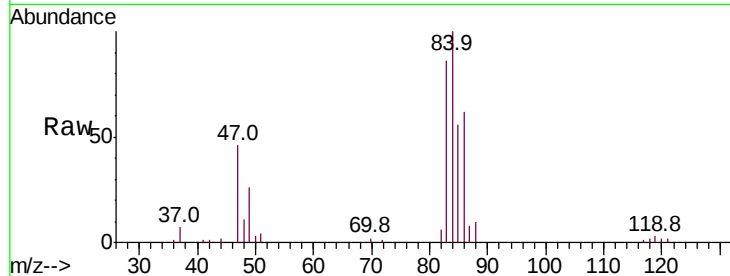




#25
Chloroform
Concen: 8.976 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU027523.D
Acq: 09 Oct 2018 12:44

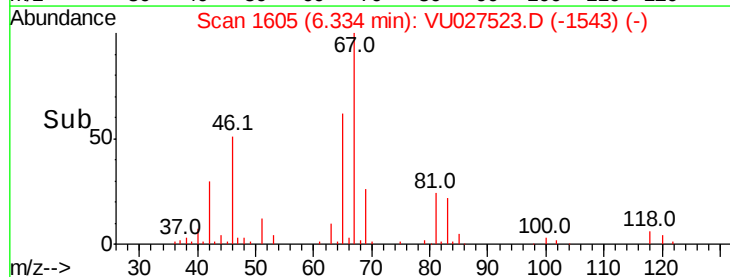
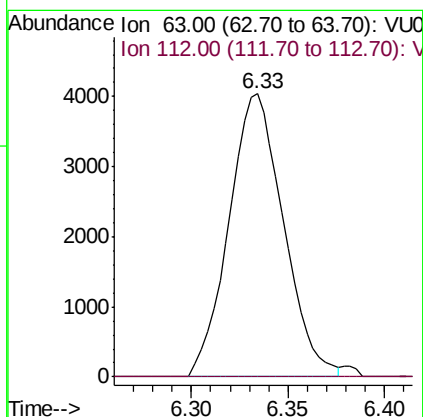
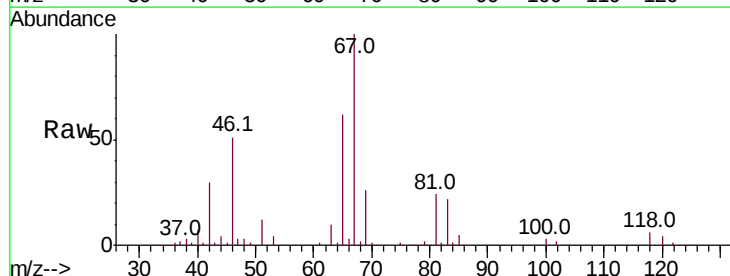
Instrument :
MSVOA_U
ClientSampleId :

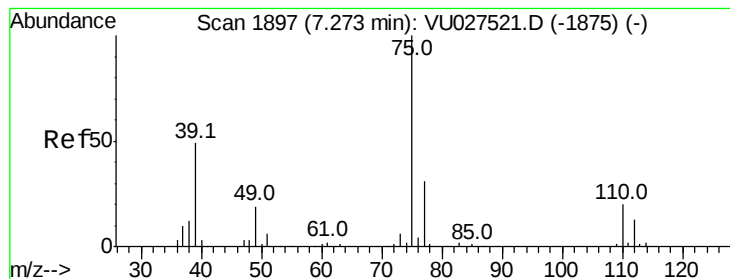
Tot Ion: 83 Resp: 23421
Ion Ratio Lower Upper
83 100
85 66.0 45.0 83.6



#37
1,2-Dichloropropane
Concen: 5.020 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU027523.D
Acq: 09 Oct 2018 12:44

Tgt Ion: 63 Resp: 7926
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



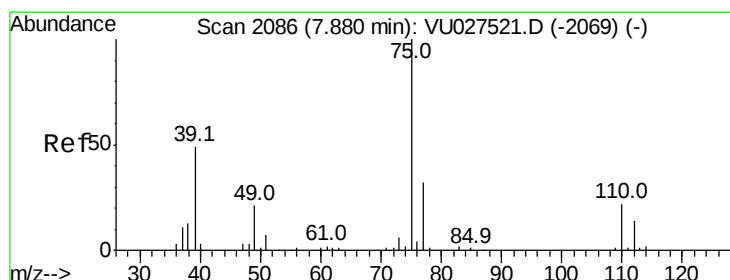
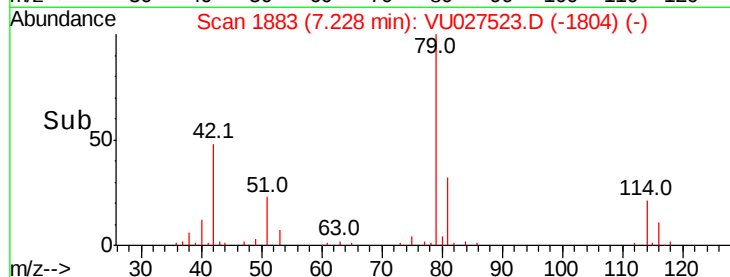
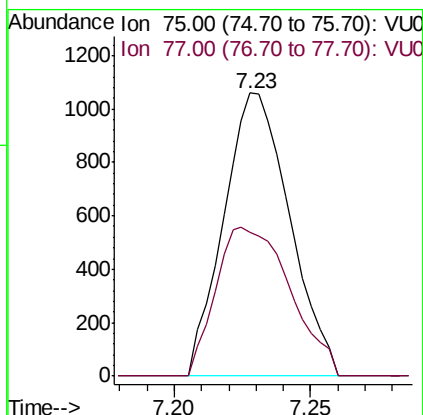
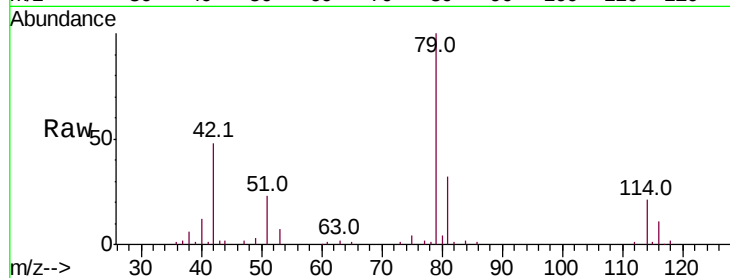


#39

cis-1,3-Dichloropropene
Concen: 0.766 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU027523.D
Acq: 09 Oct 2018 12:44

Instrument :
MSVOA_U
ClientSampled :

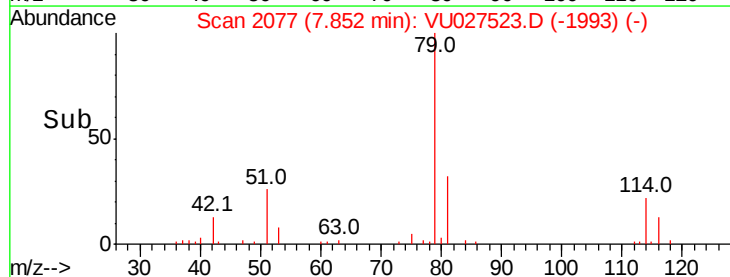
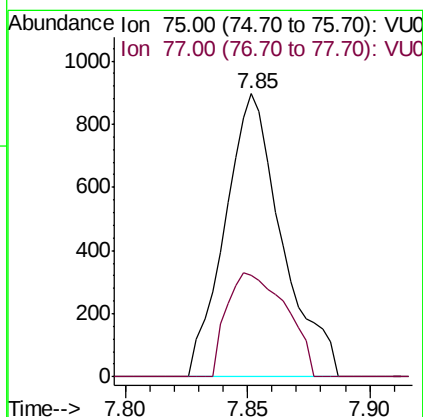
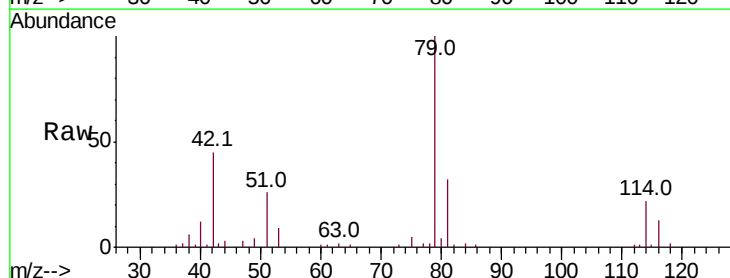
Tot Ion: 75 Resp: 1776
Ion Ratio Lower Upper
75 100
77 50.9 22.1 41.1#

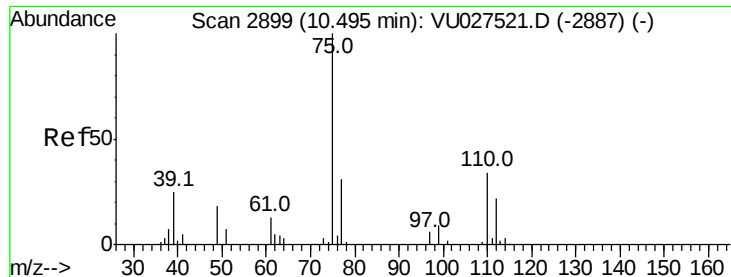


#44

trans-1,3-Dichloropropene
Concen: 0.674 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU027523.D
Acq: 09 Oct 2018 12:44

Tgt Ion: 75 Resp: 1451
Ion Ratio Lower Upper
75 100
77 35.9 22.2 41.2





#59

1,2,3-Trichloropropane

Concen: 5.354 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU027523.D

Acq: 09 Oct 2018 12:44

Instrument :

MSVOA_U

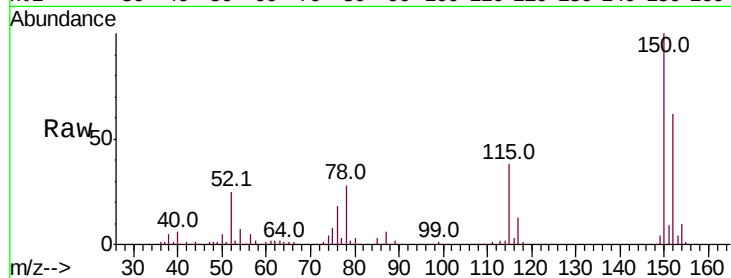
ClientSampleId :

Tot Ion: 75 Resp: 9570

Ion Ratio Lower Upper

75 100

77 36.9 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

