

Data File : VU029775.D
Acq On : 04 Mar 2019 10:41
Operator : JC/SP
Sample : K1625-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BCF91

Quant Time: Mar 05 00:39:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 05 00:37:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	454073	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	438821	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	213025	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	134222	40.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.68%
7) Chloroethane-d5	1.68	69	119209	40.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.60%
11) 1,1-Dichloroethene-d2	2.27	63	200497	30.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.66%
21) 2-Butanone-d5	4.17	46	203760	100.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.63%
24) Chloroform-d	4.64	84	263160	48.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.52%
26) 1,2-Dichloroethane-d4	5.30	65	163375	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.64%
32) Benzene-d6	5.34	84	569467	51.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.14%
36) 1,2-Dichloropropane-d6	6.33	67	178196	53.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.28%
41) Toluene-d8	7.56	98	529801	47.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.04%
43) trans-1,3-Dichloropropene-	7.85	79	82470	46.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.60%
47) 2-Hexanone-d5	8.31	63	168127	90.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	268656	47.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	219273	47.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.52%

Target Compounds

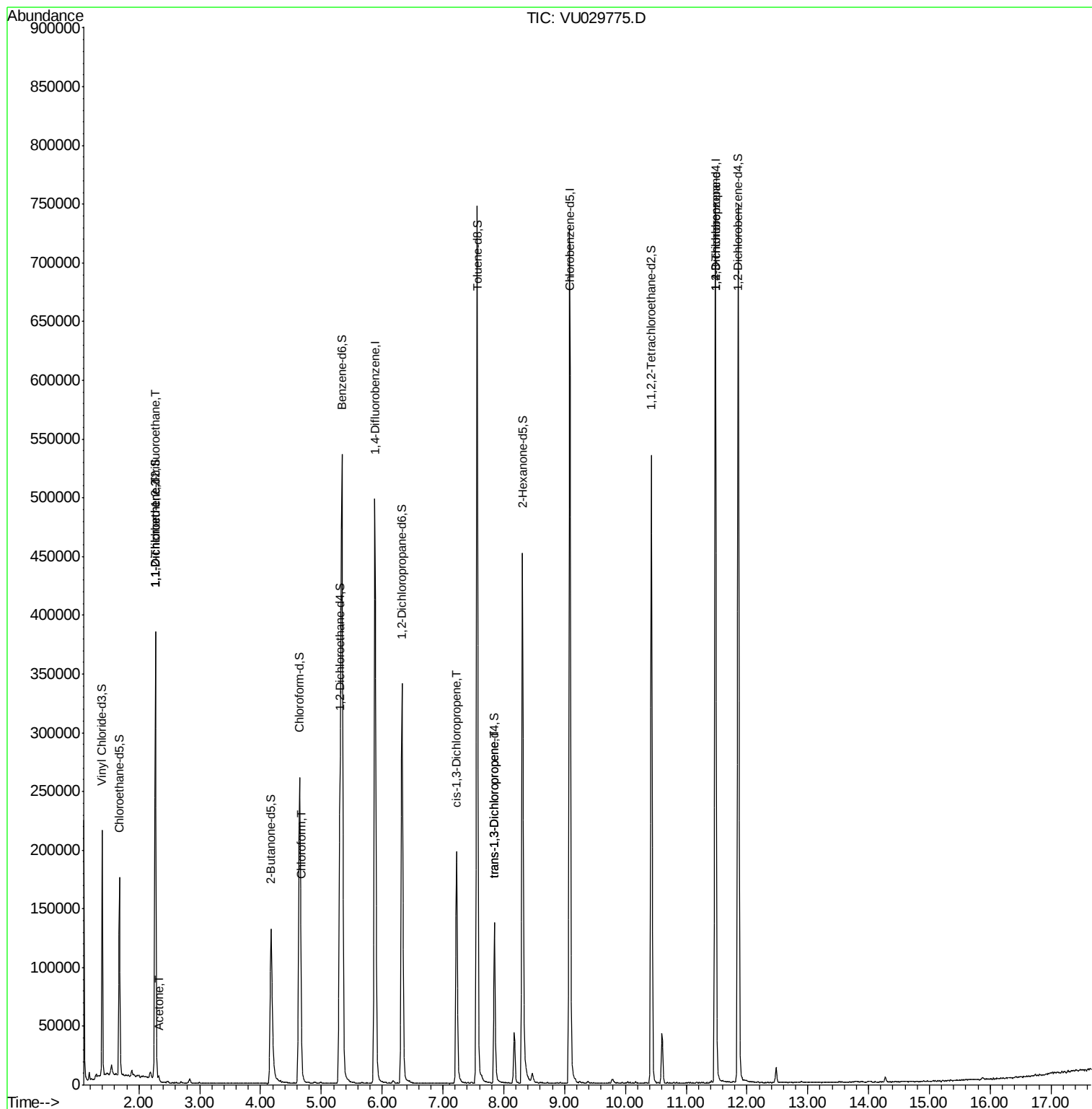
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2262	0.715	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	2026	0.674	ug/L #	1
13) Acetone	2.32	43	2042	0.944	ug/L	92
25) Chloroform	4.67	83	7405	1.383	ug/L	99
39) cis-1,3-Dichloropropene	7.22	75	4965	1.042	ug/L #	60
44) trans-1,3-Dichloropropene	7.85	75	3373	0.751	ug/L #	82
59) 1,2,3-Trichloropropane	11.48	75	20891	4.961	ug/L	93

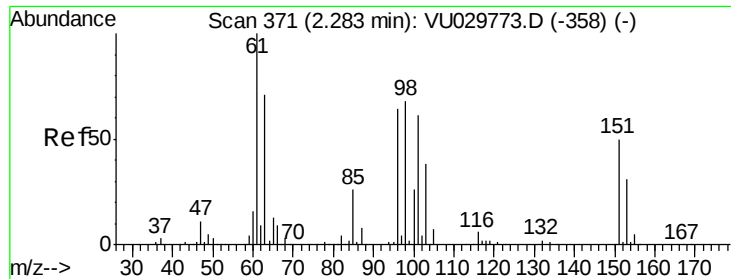
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.715 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029775.D

Acq: 04 Mar 2019 10:41

Instrument :

MSVOA_U

ClientSampleId :

BCF91

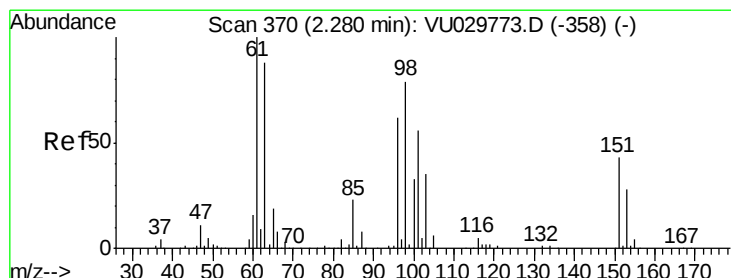
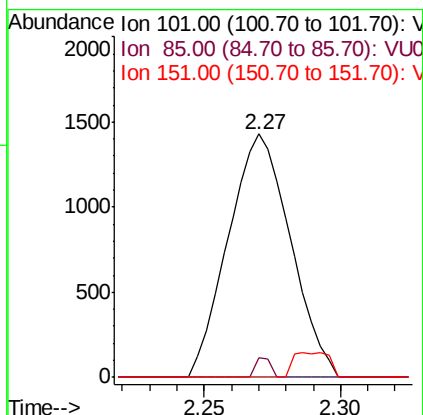
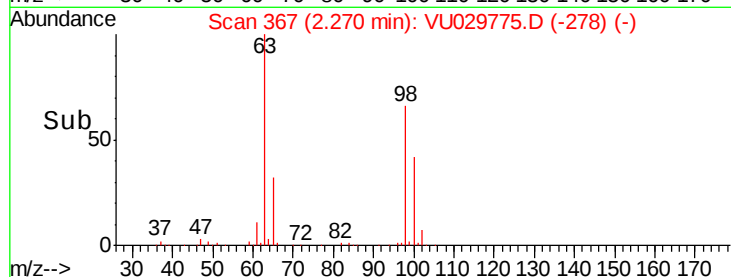
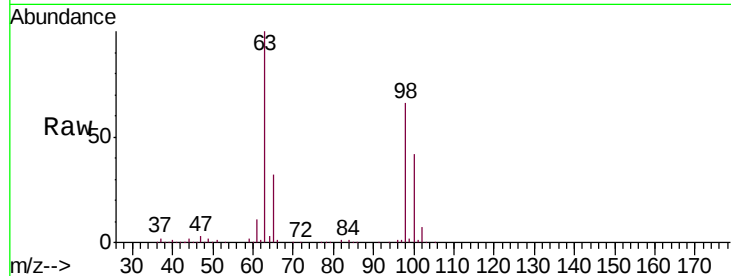
Tgt Ion: 101 Resp: 2262

Ion Ratio Lower Upper

101 100

85 1.9 33.0 49.6#

151 3.6 65.7 98.5#



#12

1,1-Dichloroethene

Concen: 0.674 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029775.D

Acq: 04 Mar 2019 10:41

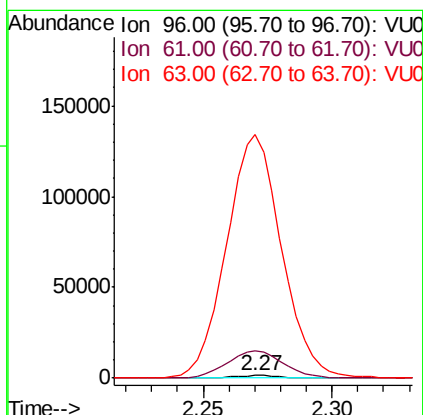
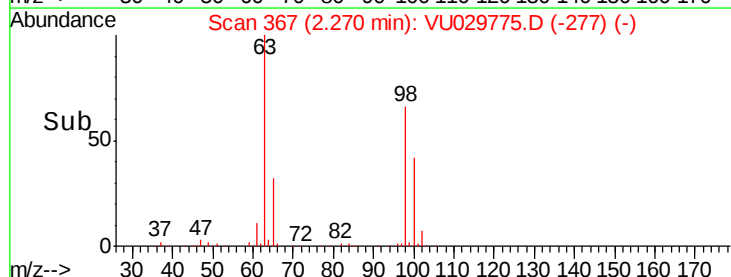
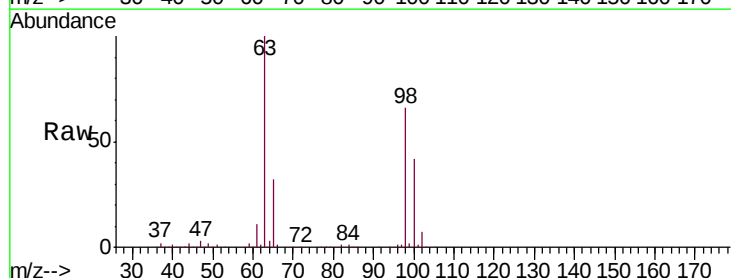
Tgt Ion: 96 Resp: 2026

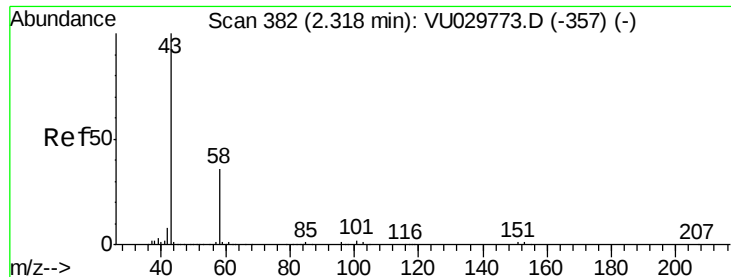
Ion Ratio Lower Upper

96 100

61 1121.0 114.0 211.8#

63 9899.9 98.7 183.3#





#13

Acetone

Concen: 0.944 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029775.D

Acq: 04 Mar 2019 10:41

Instrument :

MSVOA_U

ClientSampleId :

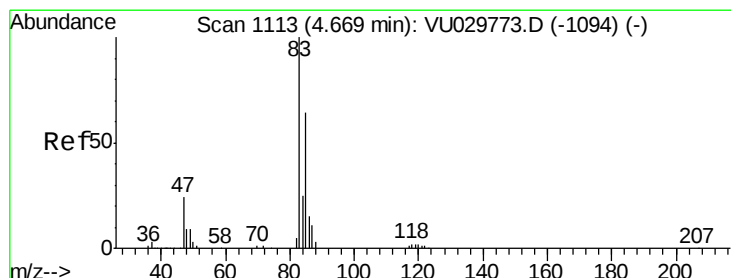
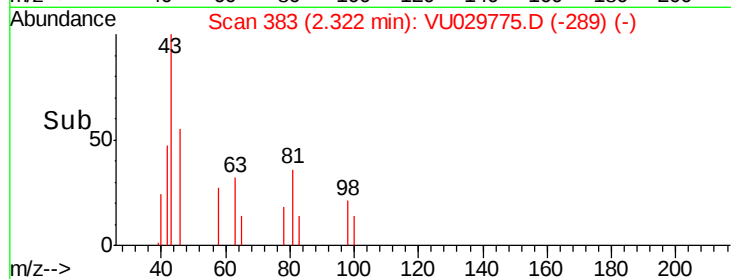
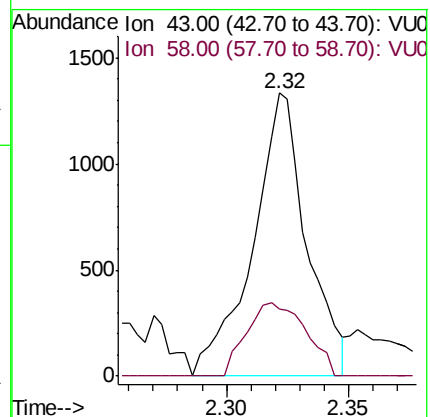
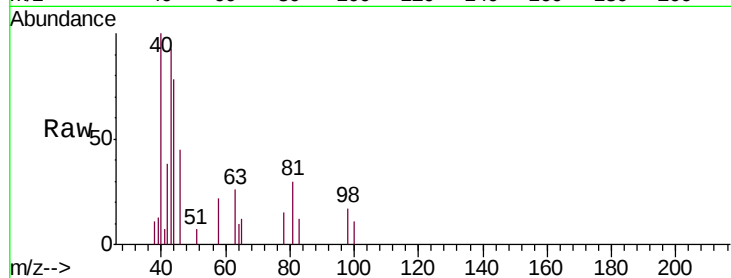
BCF91

Tgt Ion: 43 Resp: 2042

Ion Ratio Lower Upper

43 100

58 28.6 0.0 66.8



#25

Chloroform

Concen: 1.383 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029775.D

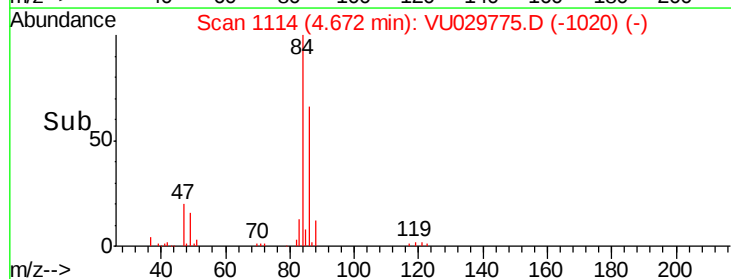
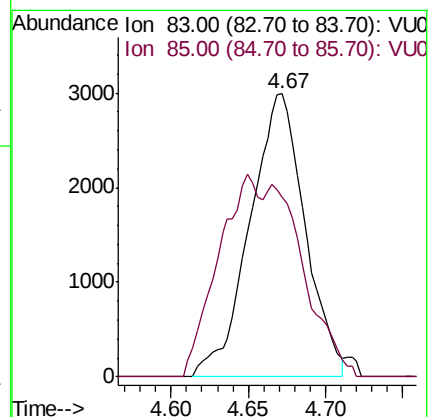
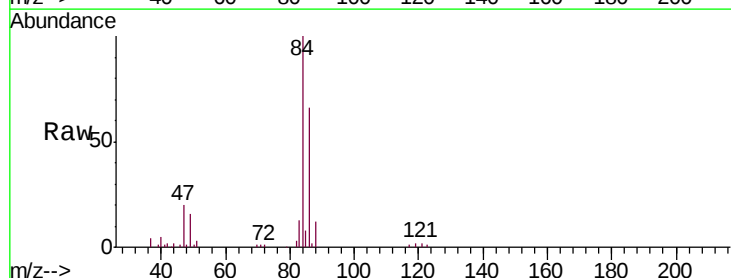
Acq: 04 Mar 2019 10:41

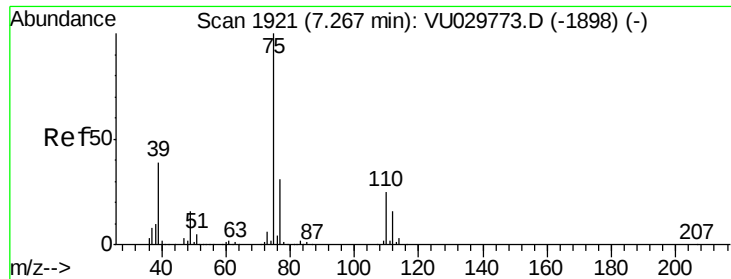
Tgt Ion: 83 Resp: 7405

Ion Ratio Lower Upper

83 100

85 63.7 45.4 84.2

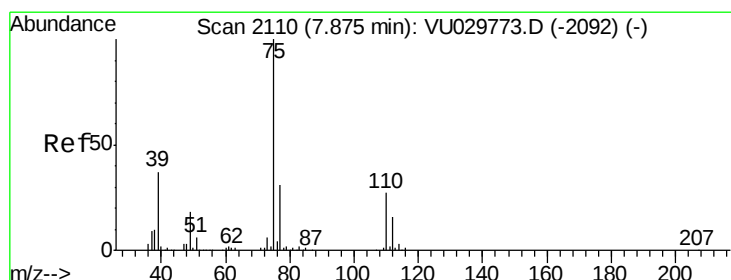
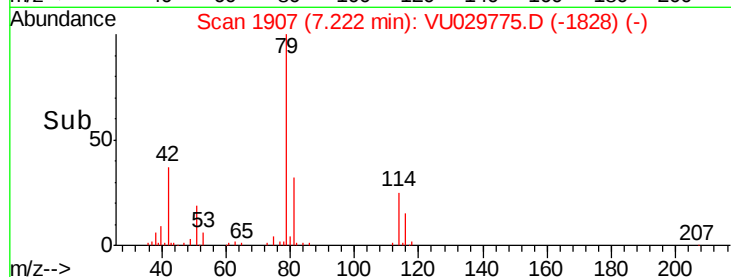
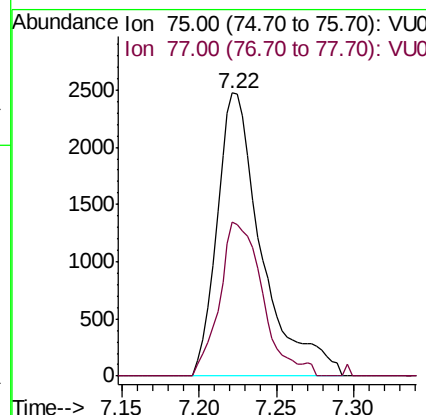
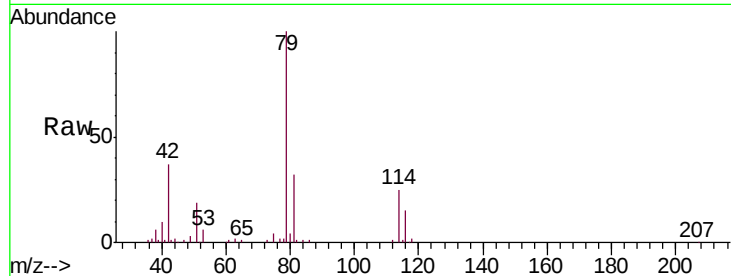




#39
 cis-1,3-Dichloropropene
 Concen: 1.042 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.05 min
 Lab File: VU029775.D
 Acq: 04 Mar 2019 10:41

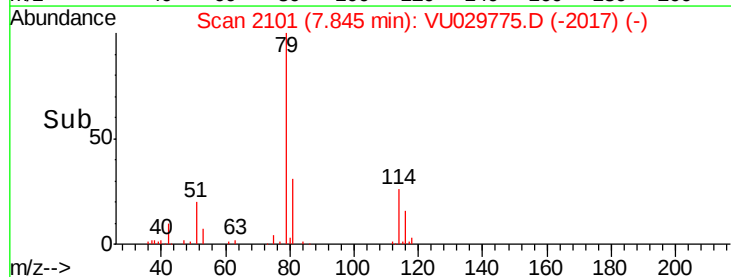
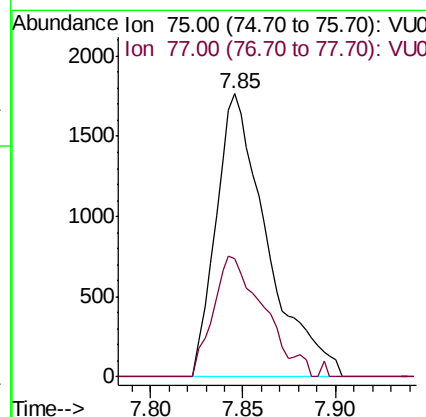
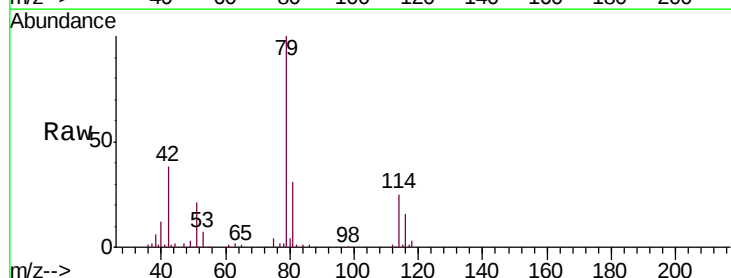
Instrument :
 MSVOA_U
 ClientSampled :
 BCF91

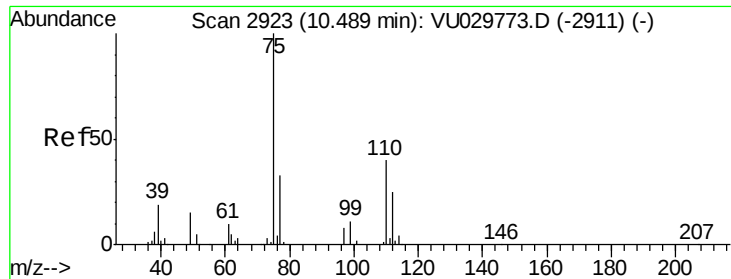
Tgt Ion: 75 Resp: 4965
 Ion Ratio Lower Upper
 75 100
 77 54.3 22.3 41.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.751 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU029775.D
 Acq: 04 Mar 2019 10:41

Tgt Ion: 75 Resp: 3373
 Ion Ratio Lower Upper
 75 100
 77 41.6 22.1 41.1#





#59

1,2,3-Trichloropropane

Concen: 4.961 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029775.D

Acq: 04 Mar 2019 10:41

Instrument :

MSVOA_U

ClientSampleId :

BCF91

Tgt Ion: 75 Resp: 20891

Ion Ratio Lower Upper

75 100

77 36.3 25.7 38.5

