

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031119\
 Data File : VU029904.D
 Acq On : 08 Mar 2019 21:39
 Operator : JC/SP
 Sample : K1796-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF5Q1

Quant Time: Mar 08 22:20:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 22:13:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	456890	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	445684	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	212435	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	120668	36.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.08%
7) Chloroethane-d5	1.68	69	109869	36.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.82%
11) 1,1-Dichloroethene-d2	2.27	63	180167	27.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.06%#
21) 2-Butanone-d5	4.17	46	240435	118.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.01%
24) Chloroform-d	4.64	84	262607	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
26) 1,2-Dichloroethane-d4	5.31	65	167175	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.26%
32) Benzene-d6	5.34	84	561606	50.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.16%
36) 1,2-Dichloropropane-d6	6.33	67	178696	52.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.92%
41) Toluene-d8	7.56	98	509593	44.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.06%
43) trans-1,3-Dichloropropene-	7.85	79	77937	43.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.10%
47) 2-Hexanone-d5	8.31	63	194303	103.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.41%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	283509	49.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	222839	48.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.36%

Target Compounds

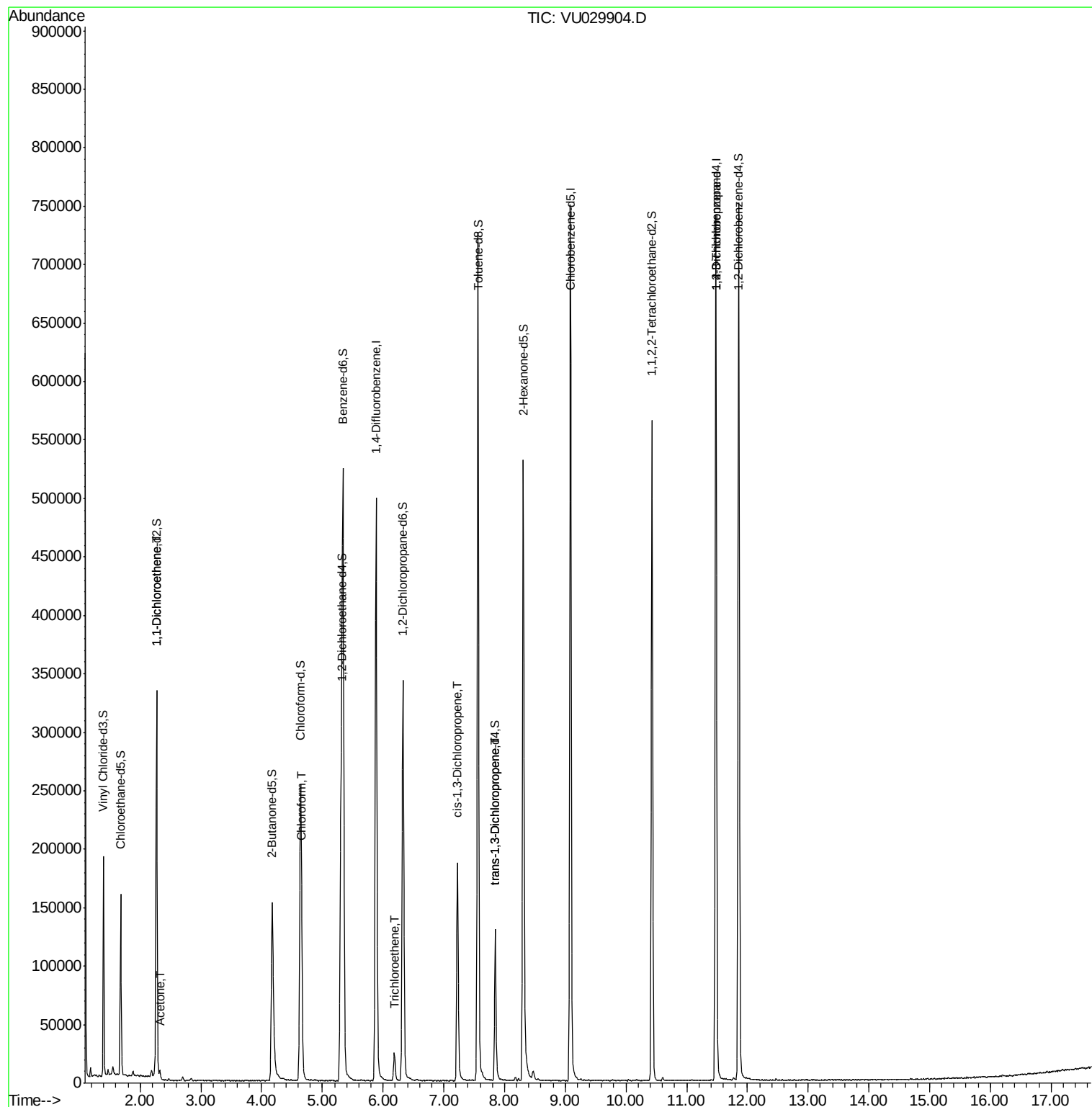
					Qvalue
12) 1,1-Dichloroethene	2.27	96	1707	0.564 ug/L #	1
13) Acetone	2.32	43	4950	2.274 ug/L	87
25) Chloroform	4.67	83	7533	1.398 ug/L	85
34) Trichloroethene	6.19	95	8286	2.692 ug/L	100
39) cis-1,3-Dichloropropene	7.22	75	4279	0.884 ug/L #	79
44) trans-1,3-Dichloropropene	7.85	75	3375	0.740 ug/L #	77
59) 1,2,3-Trichloropropane	11.48	75	21819	5.102 ug/L	99

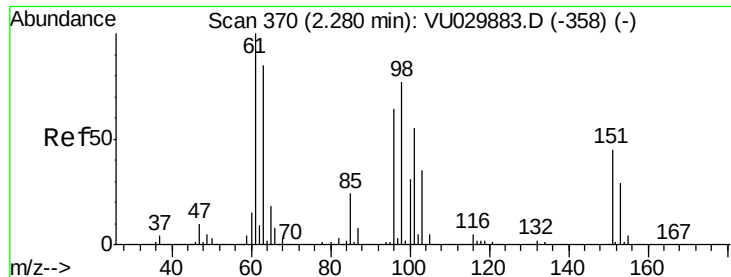
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 08 22:13:16 2019
Response via : Initial Calibration

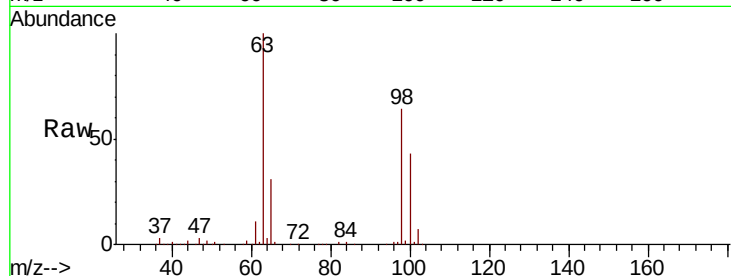




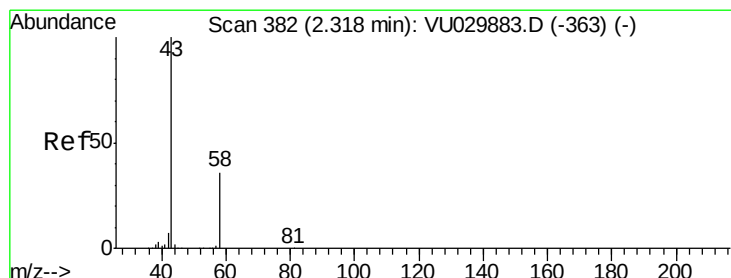
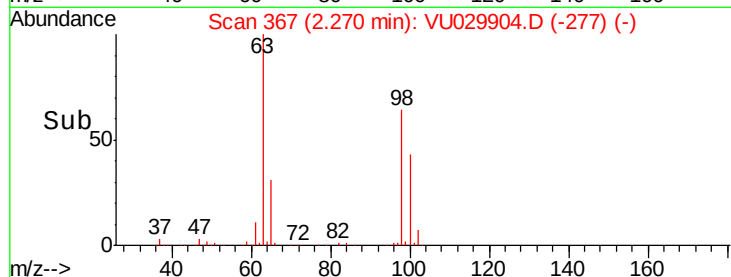
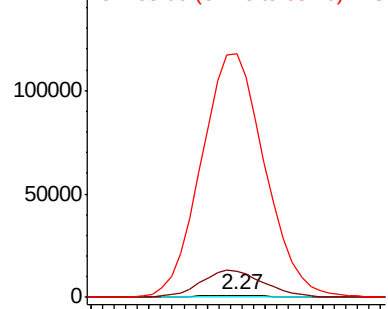
#12
 1,1-Dichloroethene
 Concen: 0.564 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VU029904.D
 Acq: 08 Mar 2019 21:39

Instrument :
 MSVOA_U
 ClientSampleId :
 BF5Q1

Tgt Ion: 96 Resp: 1707
 Ion Ratio Lower Upper
 96 100
 61 1155.2 114.0 211.8#
 63 10567.3 98.7 183.3#

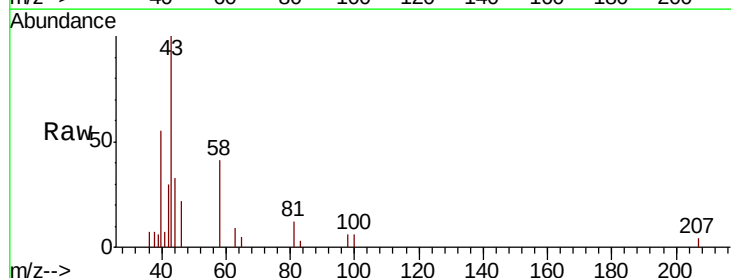


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 63.00 (62.70 to 63.70): VU0

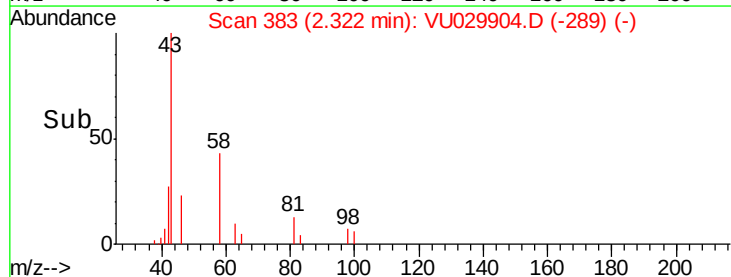
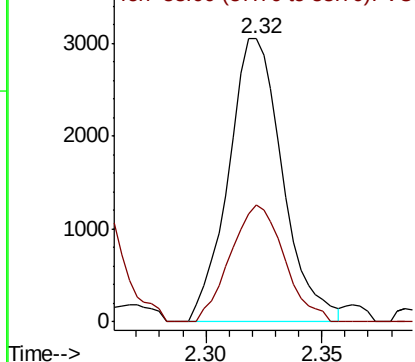


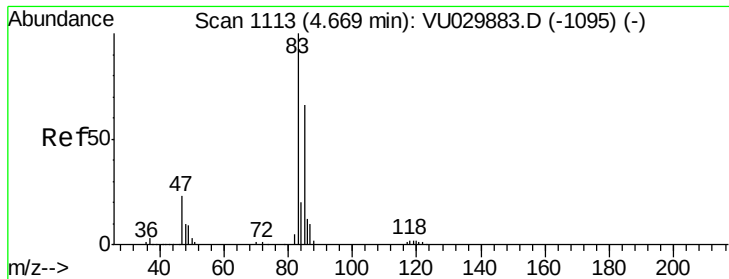
#13
 Acetone
 Concen: 2.274 ug/L
 RT: 2.32 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VU029904.D
 Acq: 08 Mar 2019 21:39

Tgt Ion: 43 Resp: 4950
 Ion Ratio Lower Upper
 43 100
 58 40.9 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0

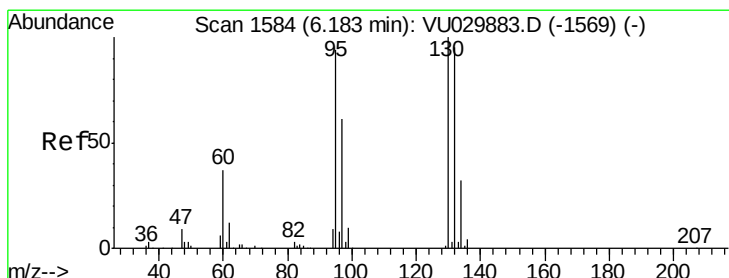
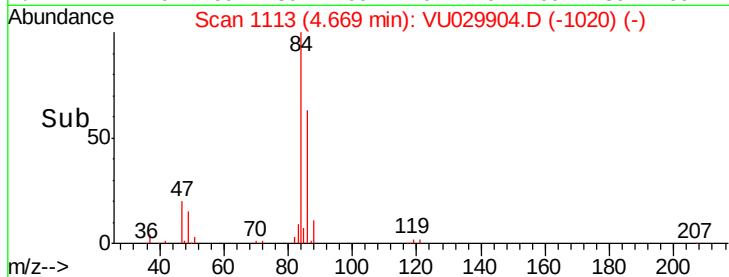
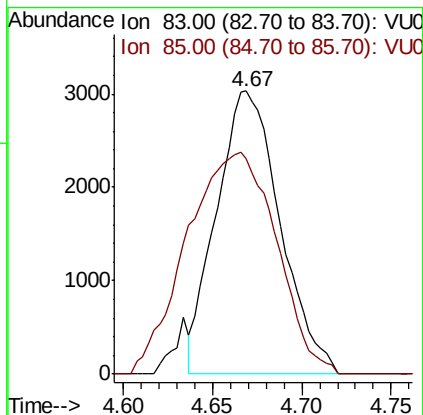
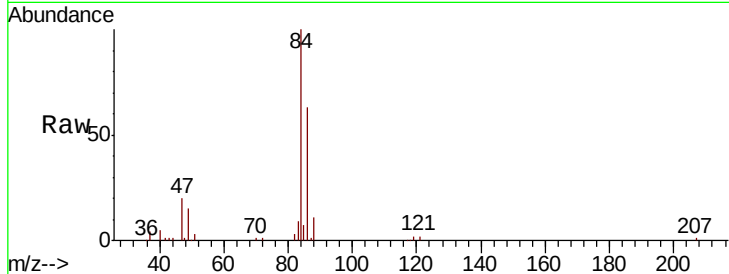




#25
Chloroform
Concen: 1.398 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU029904.D
Acq: 08 Mar 2019 21:39

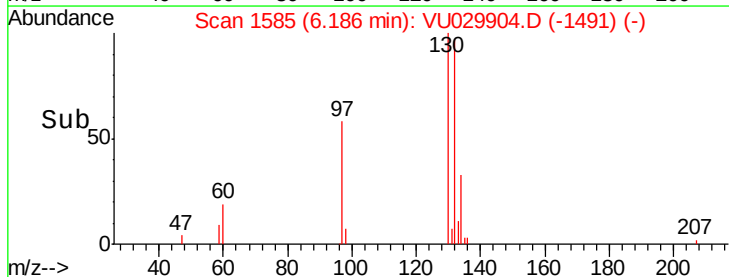
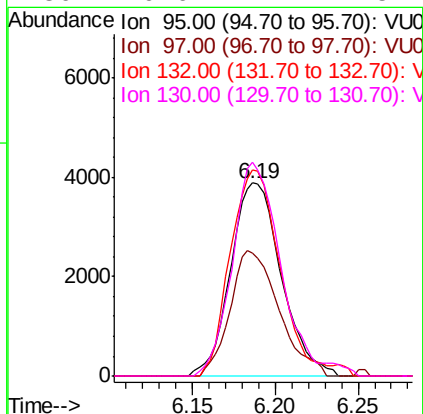
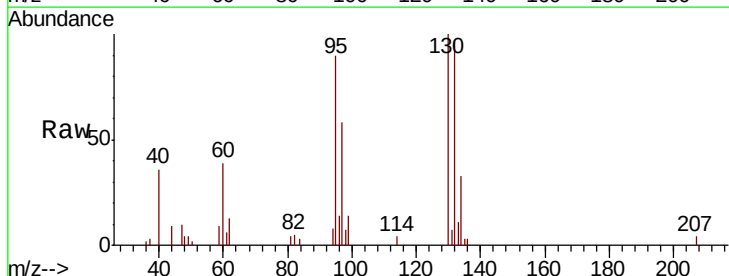
Instrument :
MSVOA_U
ClientSampleId :
BF5Q1

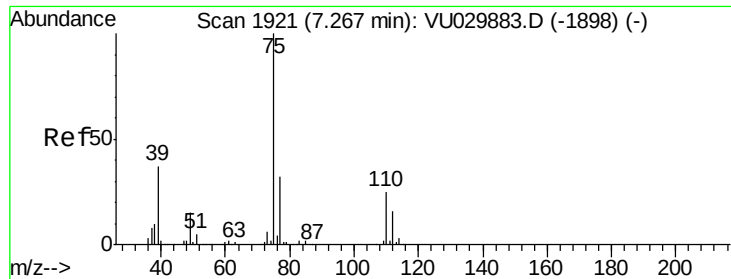
Tgt Ion: 83 Resp: 7533
Ion Ratio Lower Upper
83 100
85 76.2 45.4 84.2



#34
Trichloroethene
Concen: 2.692 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.00 min
Lab File: VU029904.D
Acq: 08 Mar 2019 21:39

Tgt Ion: 95 Resp: 8286
Ion Ratio Lower Upper
95 100
97 63.9 44.6 82.8
132 106.9 74.6 138.6
130 110.6 77.2 143.4



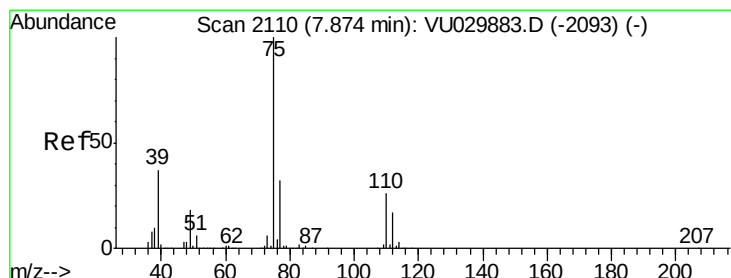
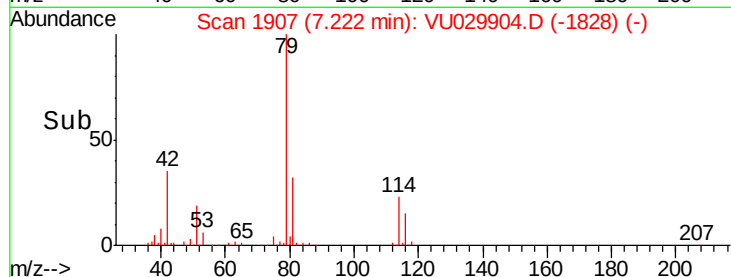
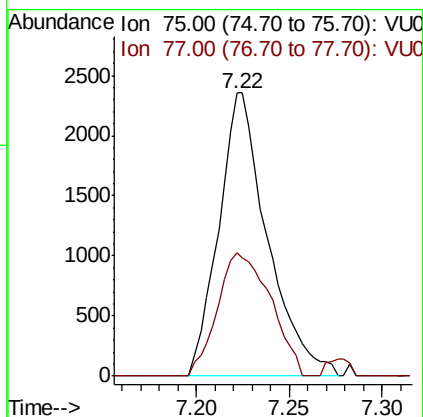
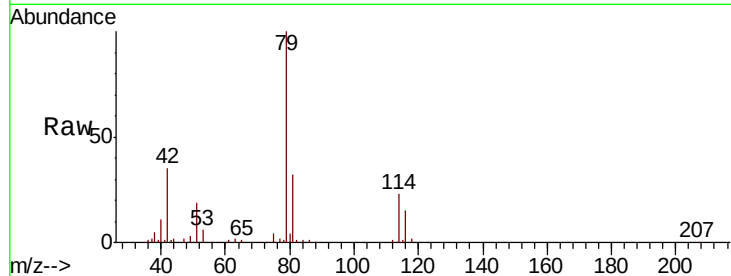


#39

cis-1,3-Dichloropropene
 Concen: 0.884 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU029904.D
 Acq: 08 Mar 2019 21:39

Instrument :
 MSVOA_U
 ClientSampleId :
 BF5Q1

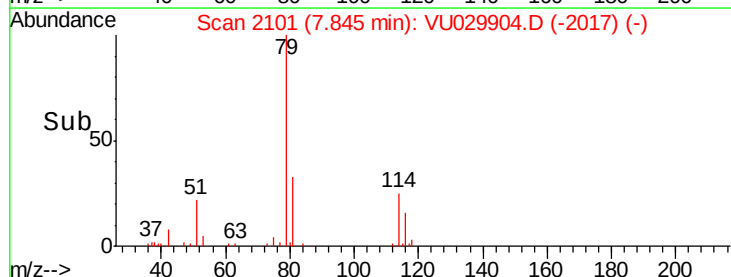
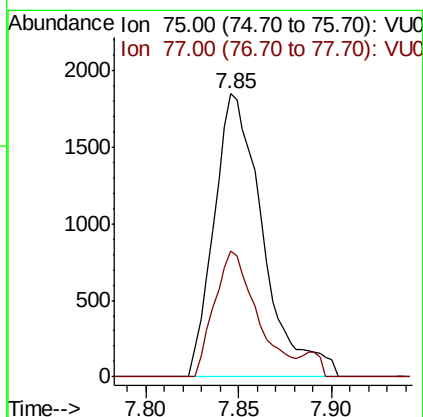
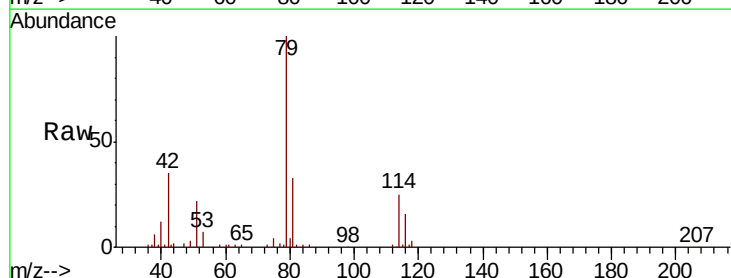
Tgt Ion: 75 Resp: 4279
 Ion Ratio Lower Upper
 75 100
 77 43.5 22.3 41.5#

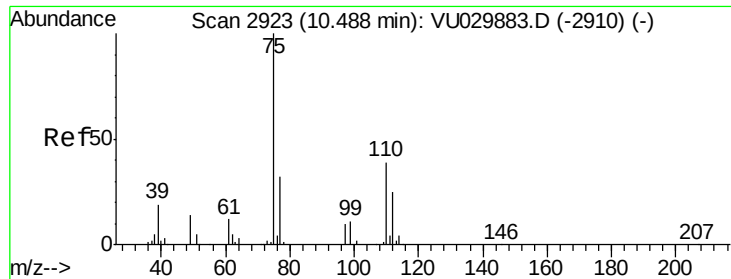


#44

trans-1,3-Dichloropropene
 Concen: 0.740 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU029904.D
 Acq: 08 Mar 2019 21:39

Tgt Ion: 75 Resp: 3375
 Ion Ratio Lower Upper
 75 100
 77 44.4 22.1 41.1#





#59

1,2,3-Trichloropropane

Concen: 5.102 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029904.D

Acq: 08 Mar 2019 21:39

Instrument :

MSVOA_U

ClientSampleId :

BF5Q1

Tgt Ion: 75 Resp: 21819

Ion Ratio Lower Upper

75 100

77 31.5 25.7 38.5

