

Data File : VU029656.D
Acq On : 25 Feb 2019 14:31
Operator : JC/SP
Sample : K1602-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF5D4

Quant Time: Feb 26 00:16:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 00:12:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	489502	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	465634	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	230213	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	142001	39.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.18%
7) Chloroethane-d5	1.68	69	125373	39.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.64%
11) 1,1-Dichloroethene-d2	2.27	63	203714	29.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.10%#
21) 2-Butanone-d5	4.18	46	203787	93.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.36%
24) Chloroform-d	4.65	84	255386	43.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.31	65	164501	44.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.32%
32) Benzene-d6	5.34	84	552472	47.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.30%
36) 1,2-Dichloropropane-d6	6.33	67	170791	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.90%
41) Toluene-d8	7.56	98	524138	43.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.66%
43) trans-1,3-Dichloropropene-	7.85	79	80779	43.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.40%
47) 2-Hexanone-d5	8.31	63	157478	80.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	255603	42.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	220157	44.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.76%

Target Compounds

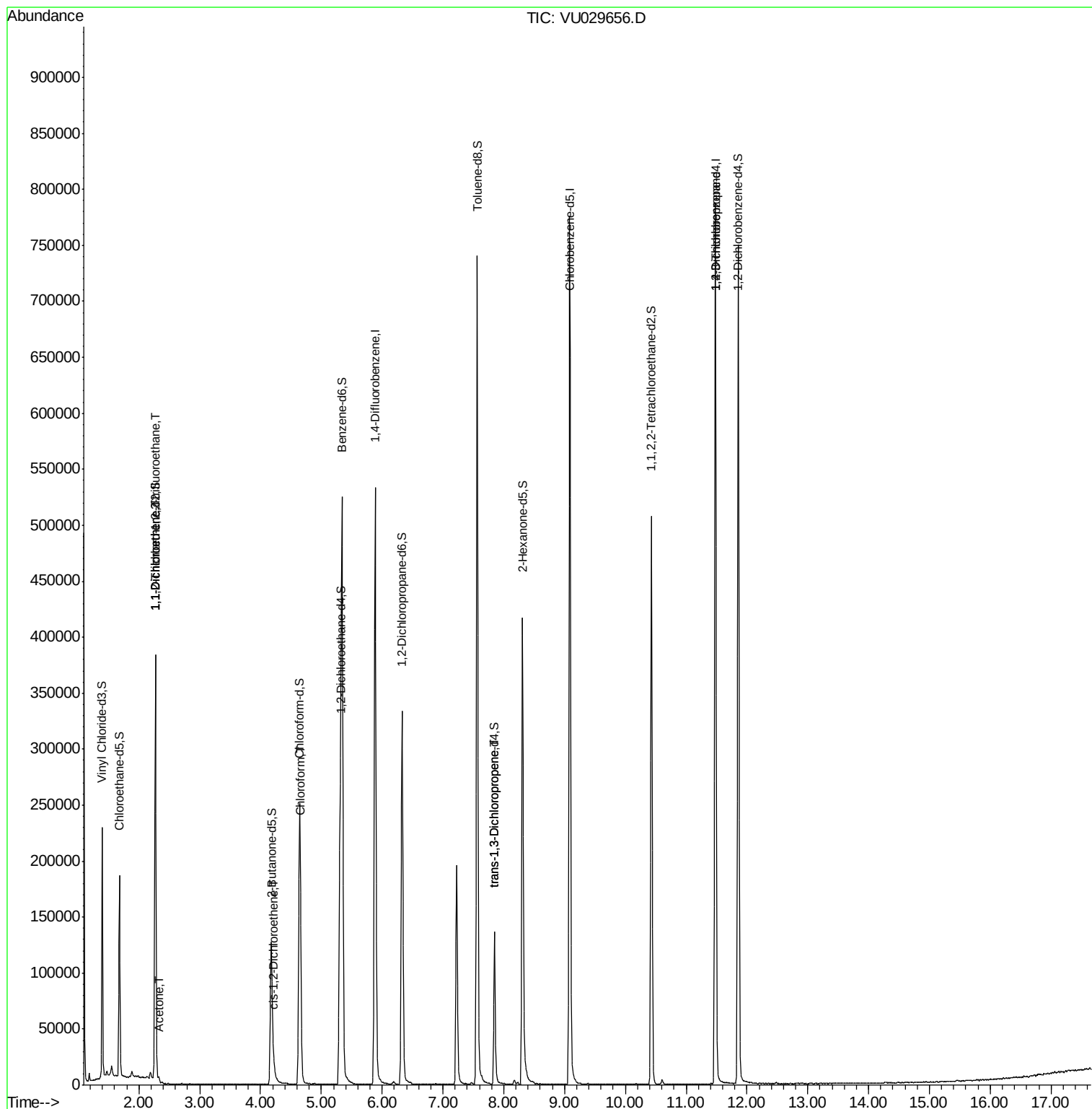
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2027	0.594	ug/L #	19
12) 1,1-Dichloroethene	2.27	96	2147	0.662	ug/L #	1
13) Acetone	2.32	43	2751	1.179	ug/L	72
20) cis-1,2-Dichloroethene	4.23	96	3346	0.962	ug/L	84
25) Chloroform	4.67	83	4289	0.743	ug/L	91
44) trans-1,3-Dichloropropene	7.85	75	3066	0.643	ug/L	84
59) 1,2,3-Trichloropropane	11.48	75	23523	5.265	ug/L	89

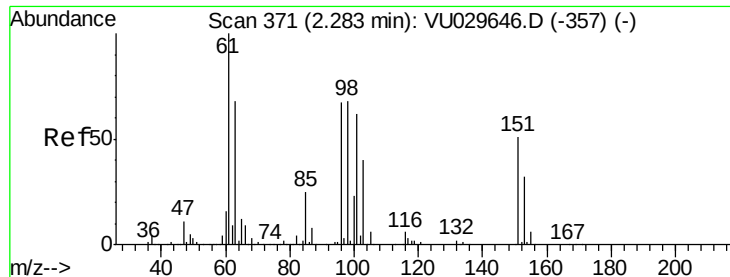
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.594 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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Instrument :

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BF5D4

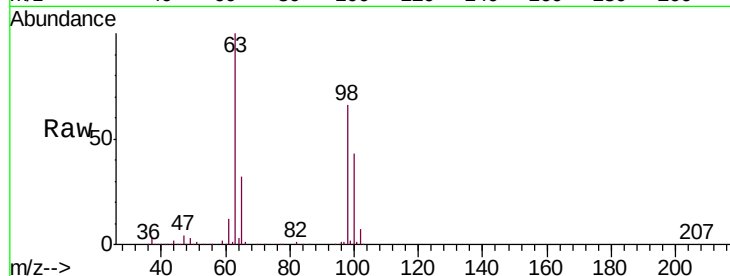
Tgt Ion: 101 Resp: 2027

Ion Ratio Lower Upper

101 100

85 4.5 33.0 49.6#

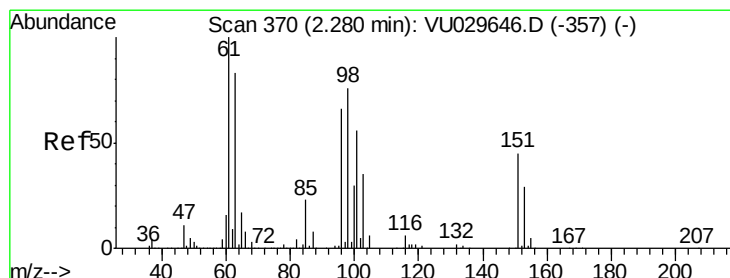
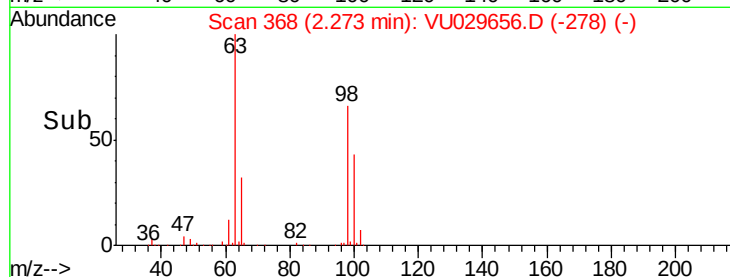
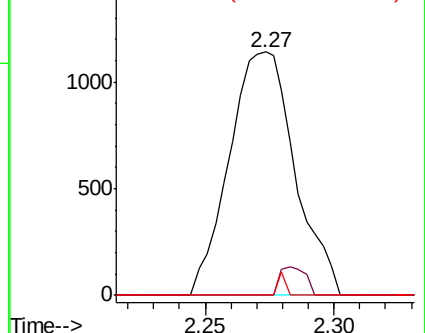
151 0.0 65.7 98.5#



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



#12

1,1-Dichloroethene

Concen: 0.662 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU029656.D

Acq: 25 Feb 2019 14:31

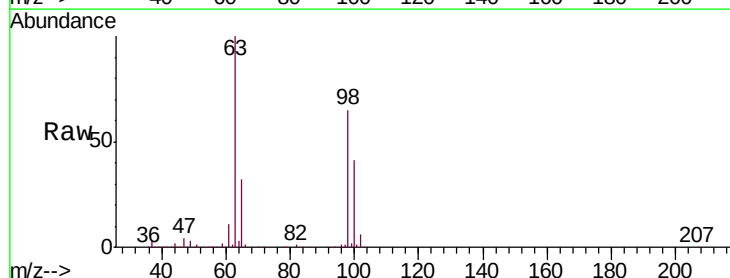
Tgt Ion: 96 Resp: 2147

Ion Ratio Lower Upper

96 100

61 1235.7 114.0 211.8#

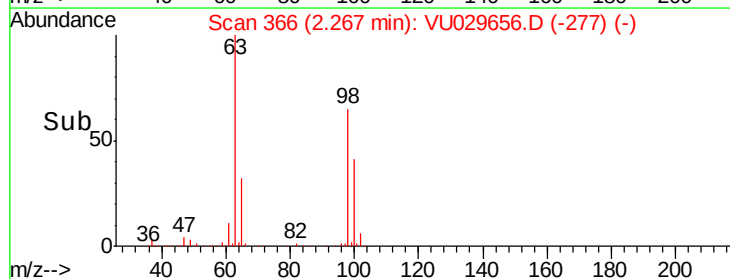
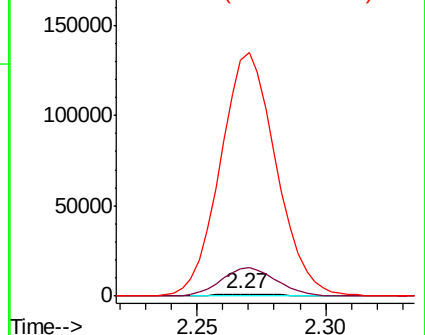
63 10752.8 98.7 183.3#

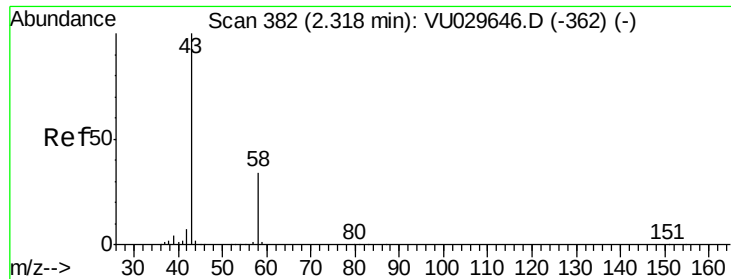


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.179 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Acq: 25 Feb 2019 14:31

Instrument :

MSVOA_U

ClientSampled :

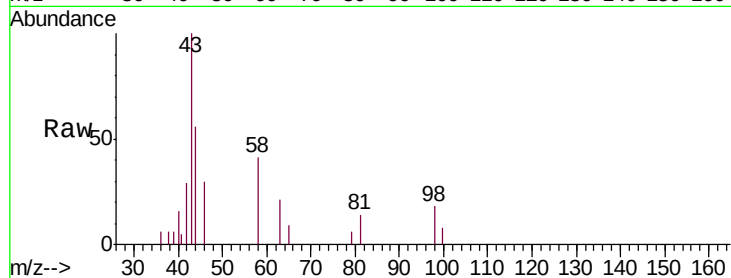
BF5D4

Tgt Ion: 43 Resp: 2751

Ion Ratio Lower Upper

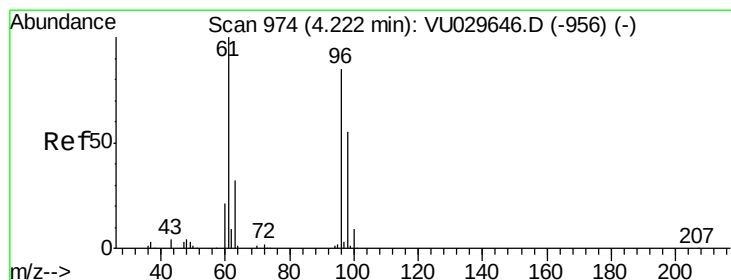
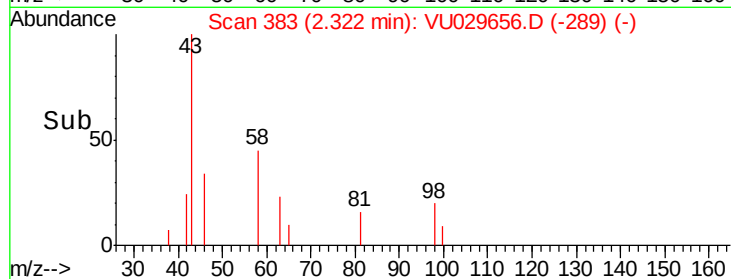
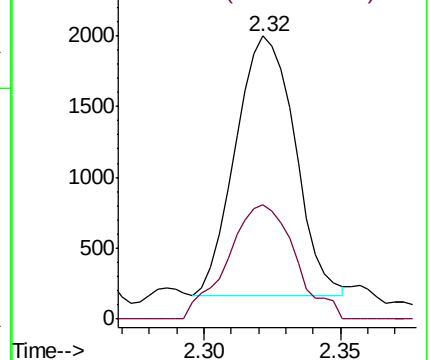
43 100

58 49.4 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 0.962 ug/L

RT: 4.23 min Scan# 975

Delta R.T. 0.00 min

Lab File: VU029656.D

Acq: 25 Feb 2019 14:31

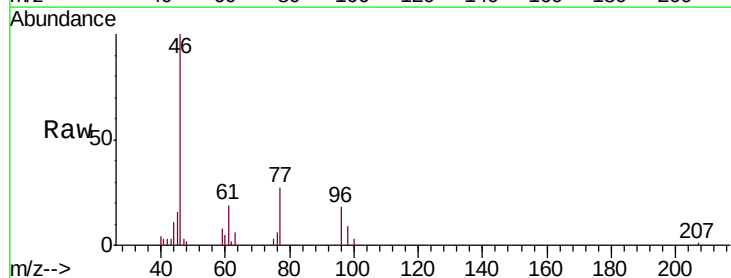
Tgt Ion: 96 Resp: 3346

Ion Ratio Lower Upper

96 100

61 102.5 83.9 155.7

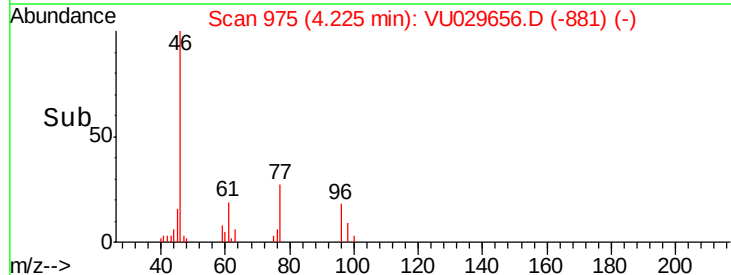
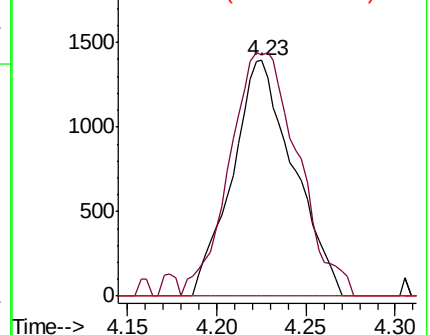
68 0.0 0.0 0.0

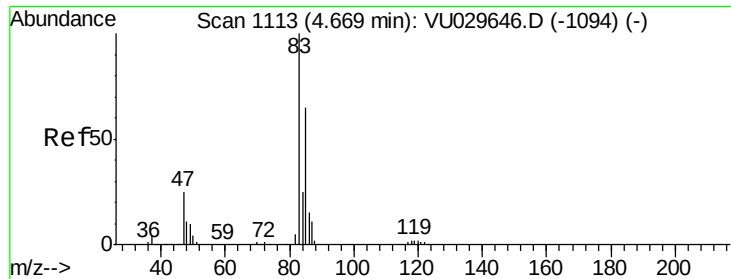


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#25

Chloroform

Concen: 0.743 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU029656.D

Acq: 25 Feb 2019 14:31

Instrument :

MSVOA_U

ClientSampleId :

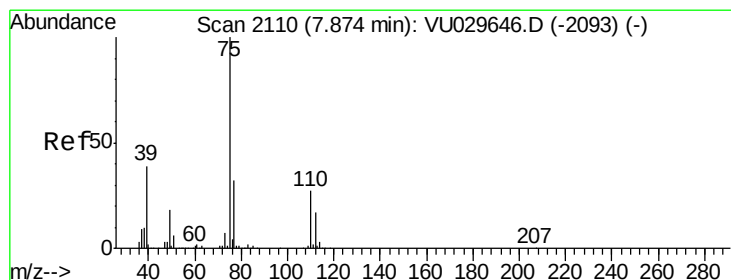
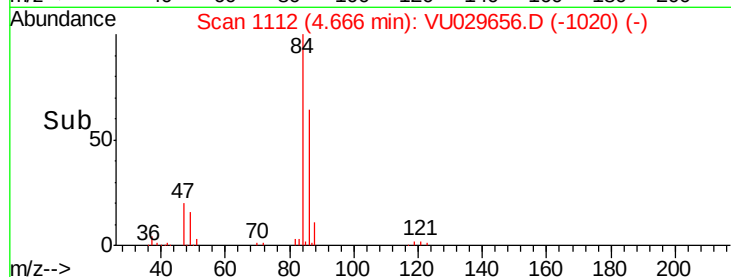
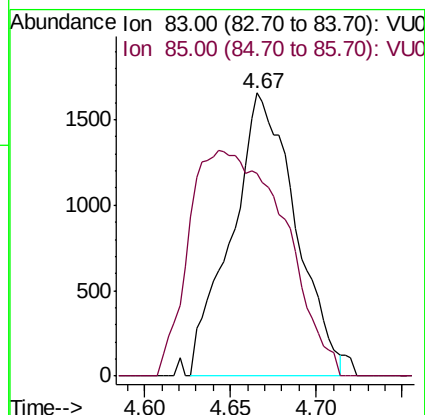
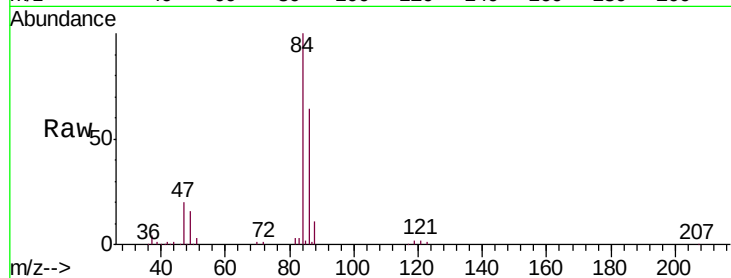
BF5D4

Tgt Ion: 83 Resp: 4289

Ion Ratio Lower Upper

83 100

85 71.6 45.4 84.2



#44

trans-1,3-Dichloropropene

Concen: 0.643 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU029656.D

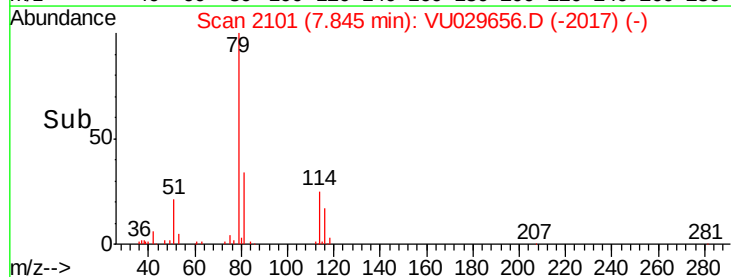
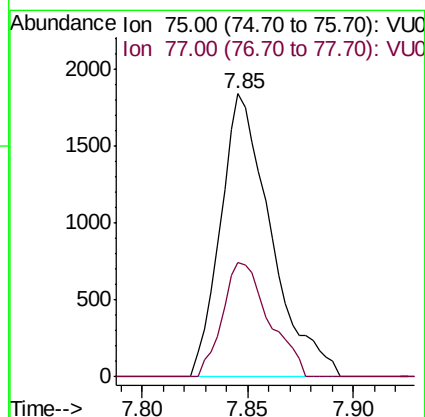
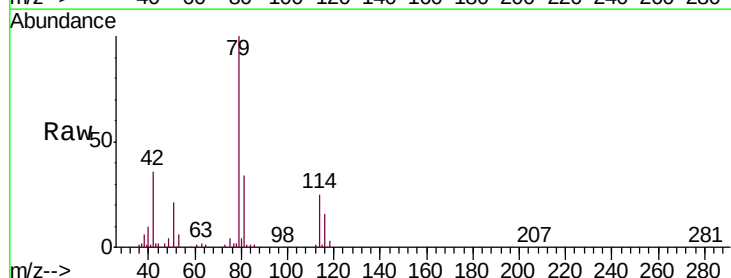
Acq: 25 Feb 2019 14:31

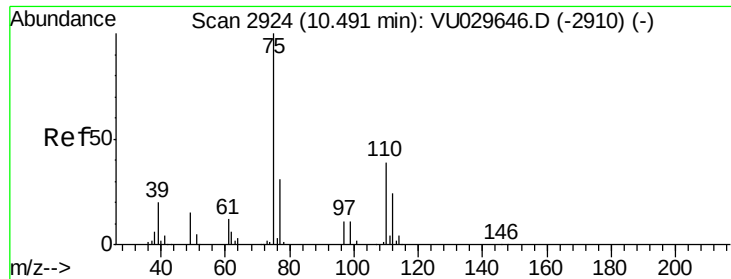
Tgt Ion: 75 Resp: 3066

Ion Ratio Lower Upper

75 100

77 40.3 22.1 41.1





#59

1,2,3-Trichloropropane

Concen: 5.265 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029656.D

Acq: 25 Feb 2019 14:31

Instrument :

MSVOA_U

ClientSampleId :

BF5D4

Tgt Ion: 75 Resp: 23523

Ion Ratio Lower Upper

75 100

77 38.3 25.7 38.5

