

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
 Data File : VU030676.D
 Acq On : 04 Apr 2019 10:57
 Operator : JC/SP
 Sample : K2215-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2M4

Quant Time: Apr 04 13:21:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 13:18:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	519186	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	500088	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	219570	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	217955	52.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.32%
7) Chloroethane-d5	1.68	69	171135	51.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.34%
11) 1,1-Dichloroethene-d2	2.27	63	296582	37.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.84%
21) 2-Butanone-d5	4.17	46	362602	92.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.32%
24) Chloroform-d	4.64	84	316300	43.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.88%
26) 1,2-Dichloroethane-d4	5.31	65	223847	47.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.04%
32) Benzene-d6	5.34	84	687408	47.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.86%
36) 1,2-Dichloropropane-d6	6.32	67	238666	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.28%
41) Toluene-d8	7.56	98	593093	46.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.10%
43) trans-1,3-Dichloropropene-	7.85	79	102293	44.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.68%
47) 2-Hexanone-d5	8.31	63	225282	84.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.73%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	319712	45.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	208441	47.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.76%

Target Compounds

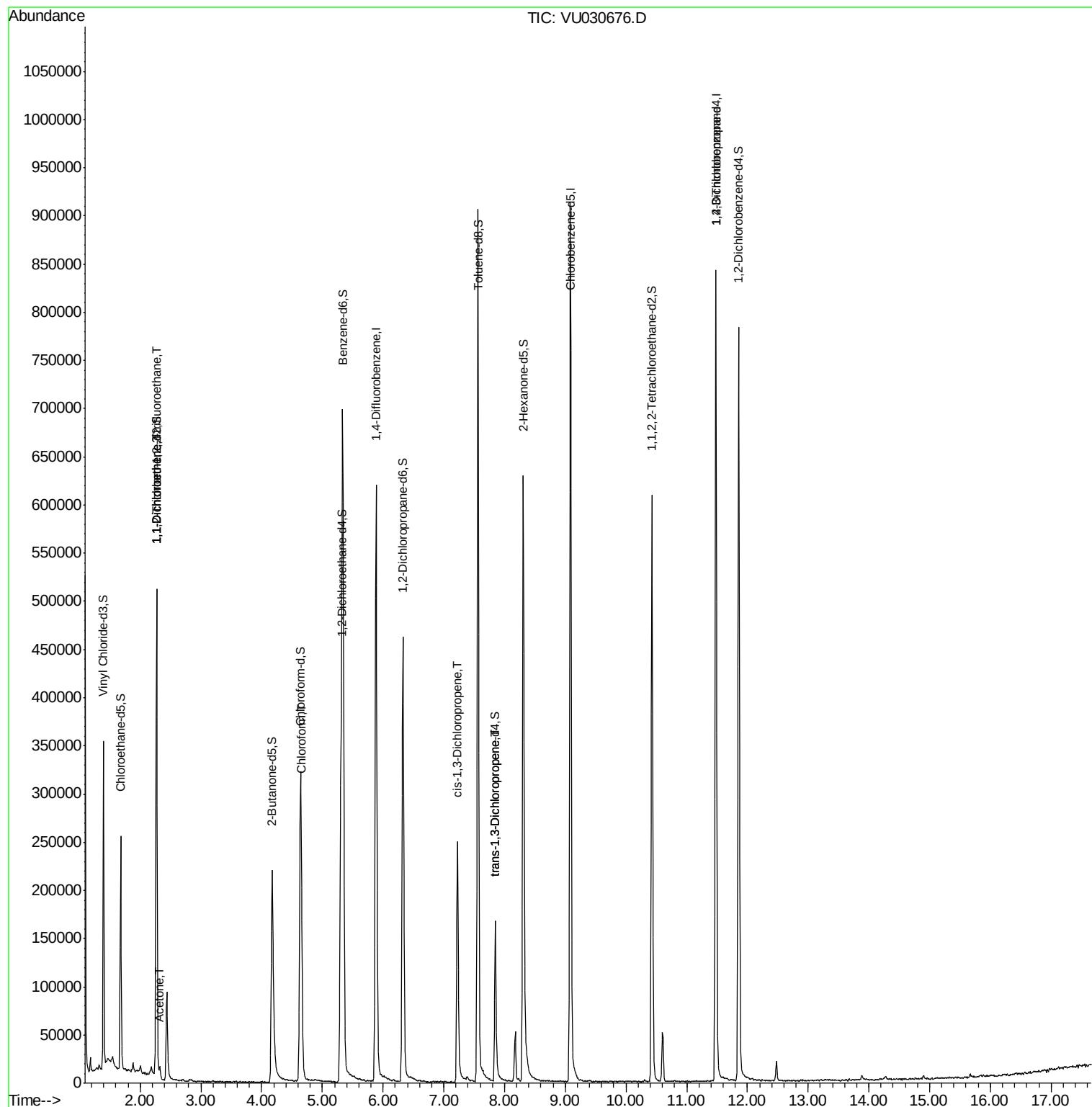
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2985	0.788 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	2299	0.619 ug/L #	1
13) Acetone	2.32	43	8832	2.223 ug/L	98
25) Chloroform	4.66	83	8395	1.104 ug/L	85
39) cis-1,3-Dichloropropene	7.23	75	5761	0.830 ug/L #	70
44) trans-1,3-Dichloropropene	7.85	75	3928	0.643 ug/L	95
59) 1,2,3-Trichloropropane	11.48	75	28514	4.849 ug/L	93

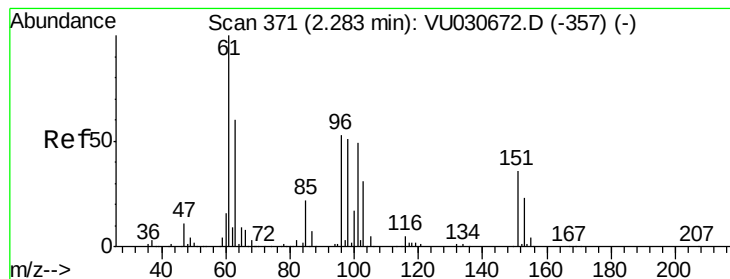
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 04 13:18:40 2019
Response via : Initial Calibration





#10

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

Concen: 0.788 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030676.D

Acq: 04 Apr 2019 10:57

Instrument :

MSVOA_U

ClientSampled :

BF2M4

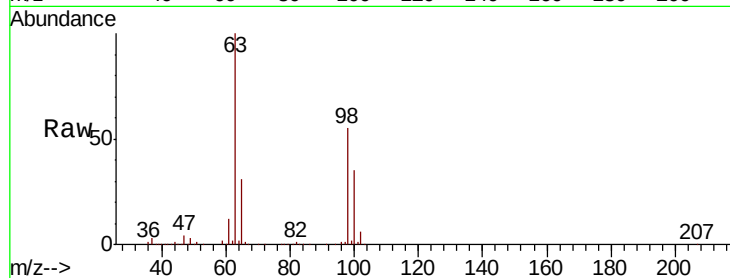
Tgt Ion: 101 Resp: 2985

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

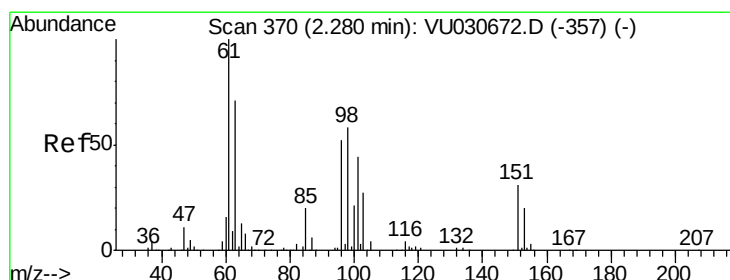
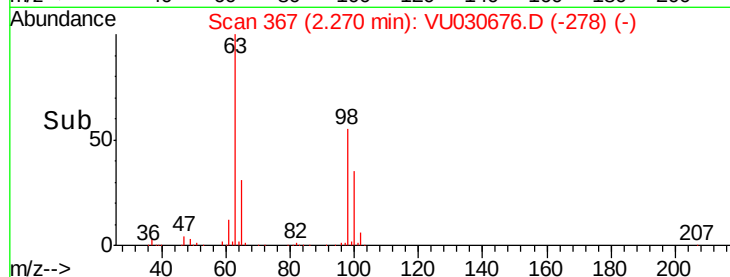
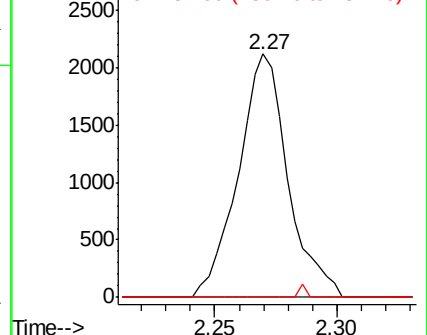
151 0.0 56.6 85.0#



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



#12

1,1-Dichloroethene

Concen: 0.619 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030676.D

Acq: 04 Apr 2019 10:57

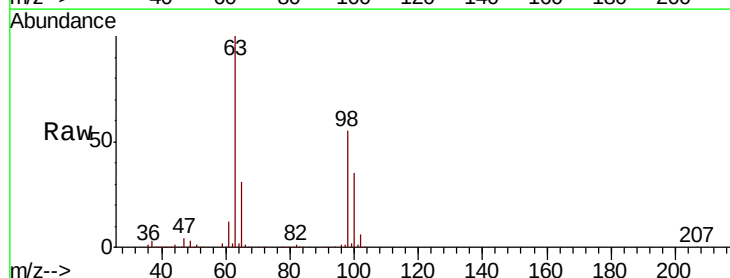
Tgt Ion: 96 Resp: 2299

Ion Ratio Lower Upper

96 100

61 1623.5 131.0 243.4#

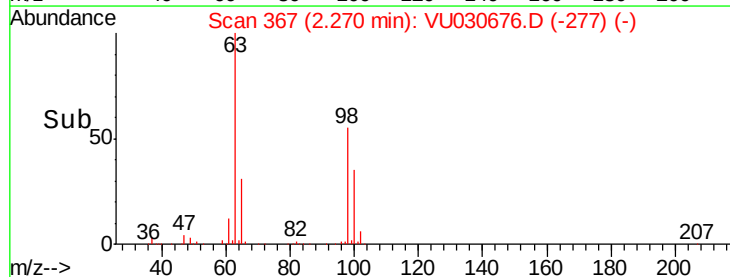
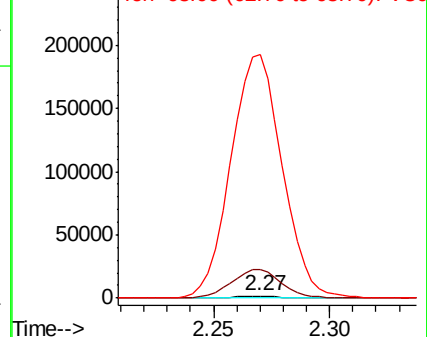
63 13794.8 92.4 171.6#

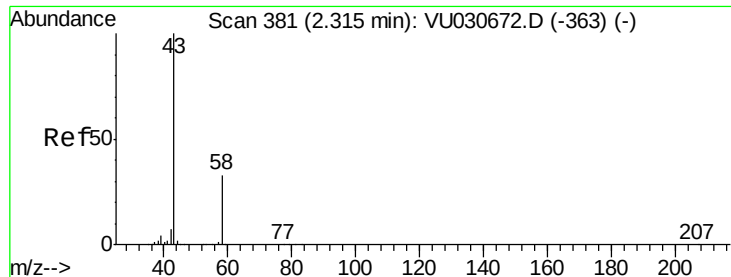


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.223 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VU030676.D

Acq: 04 Apr 2019 10:57

Instrument :

MSVOA_U

ClientSampleId :

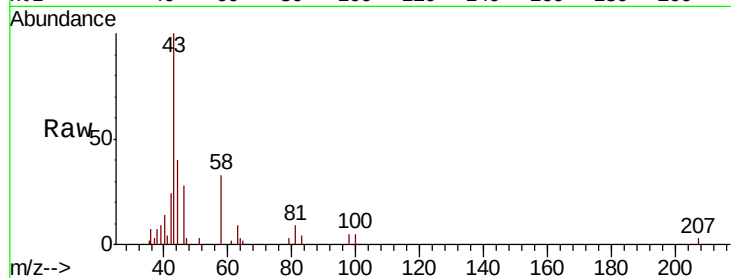
BF2M4

Tgt Ion: 43 Resp: 8832

Ion Ratio Lower Upper

43 100

58 32.7 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU030676.D (-363) (-)

Ion 58.00 (57.70 to 58.70): VU030676.D (-363) (-)

2.32

6000

5000

4000

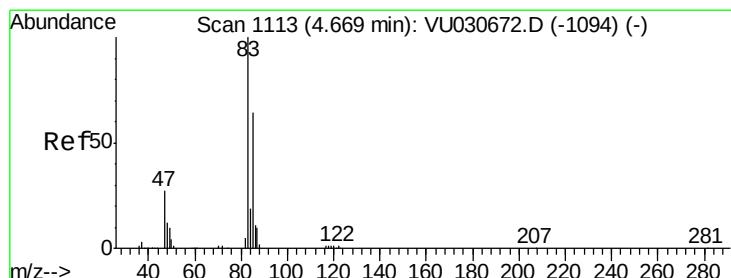
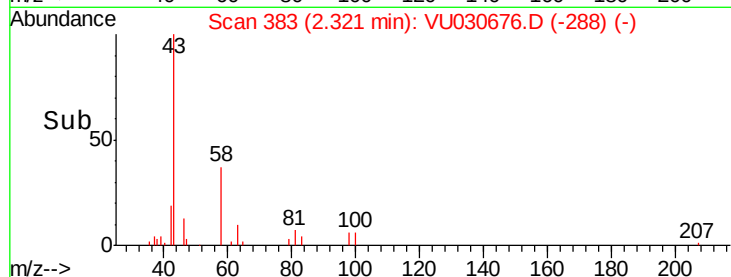
3000

2000

1000

0

Time--> 2.25 2.30 2.35



#25

Chloroform

Concen: 1.104 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VU030676.D

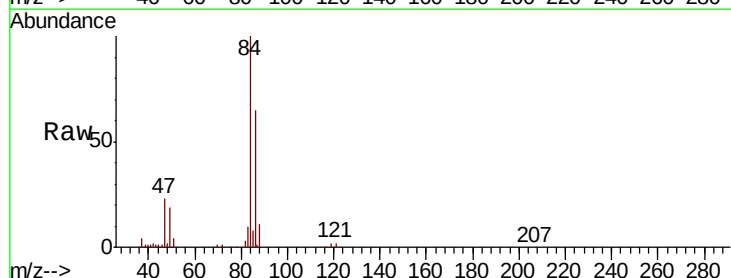
Acq: 04 Apr 2019 10:57

Tgt Ion: 83 Resp: 8395

Ion Ratio Lower Upper

83 100

85 74.9 44.4 82.4



Abundance Ion 83.00 (82.70 to 83.70): VU030676.D (-1094) (-)

Ion 85.00 (84.70 to 85.70): VU030676.D (-1094) (-)

4.66

8000

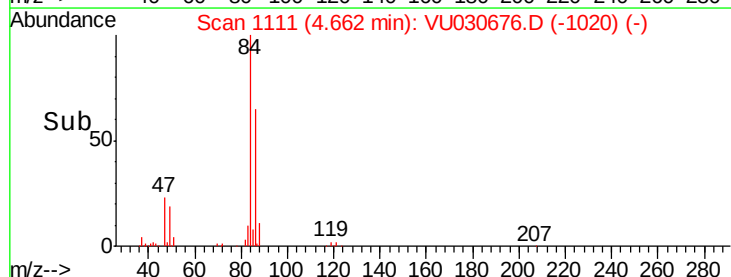
6000

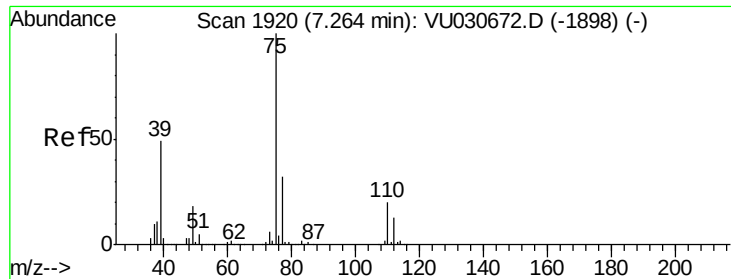
4000

2000

0

Time--> 4.60 4.62 4.64 4.66 4.68

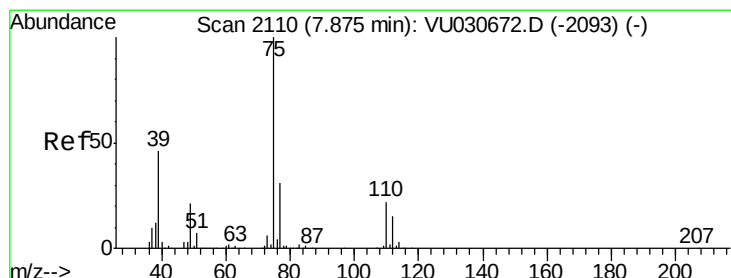
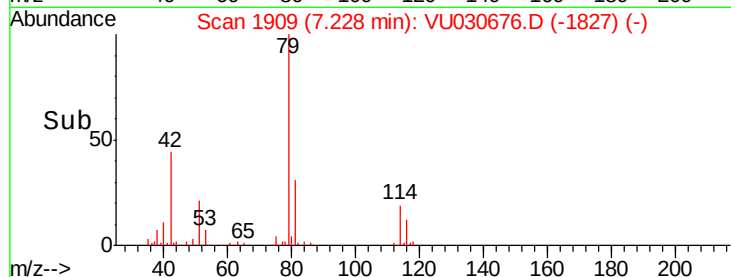
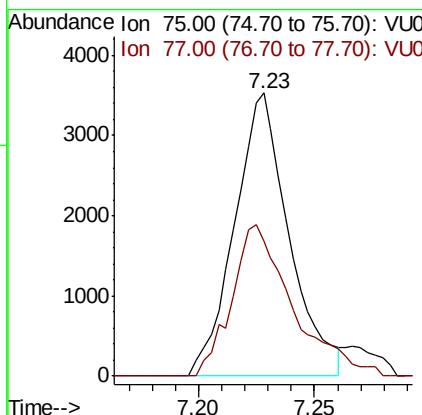
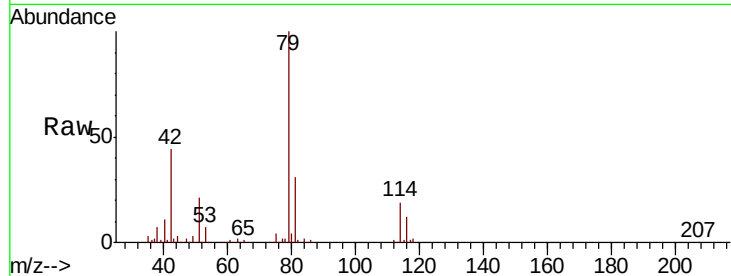




#39
 cis-1,3-Dichloropropene
 Concen: 0.830 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU030676.D
 Acq: 04 Apr 2019 10:57

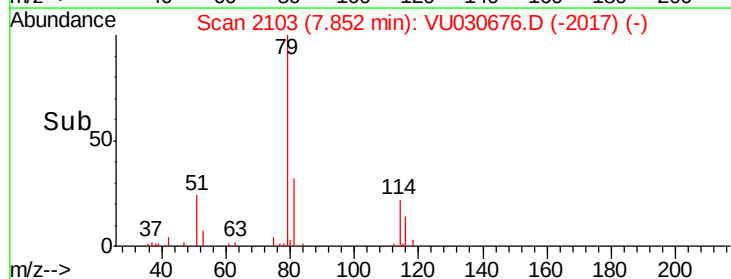
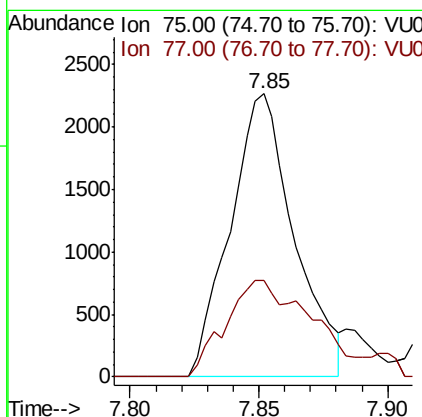
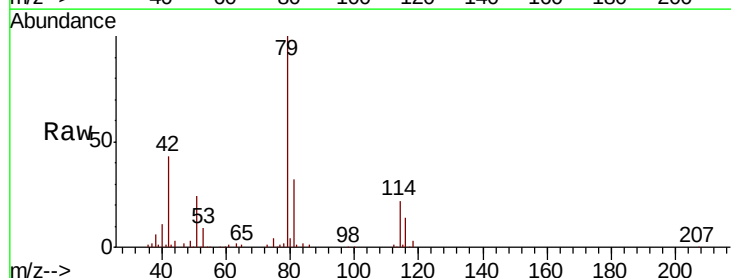
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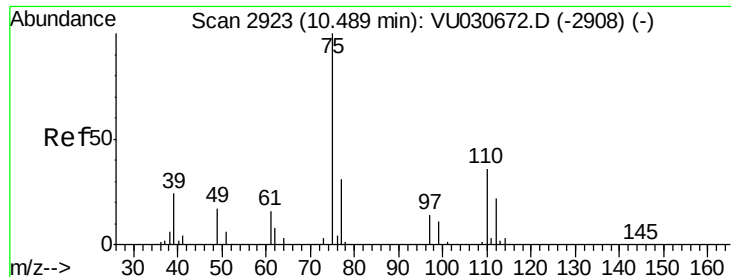
Tgt Ion: 75 Resp: 5761
 Ion Ratio Lower Upper
 75 100
 77 47.7 21.8 40.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.643 ug/L
 RT: 7.85 min Scan# 2103
 Delta R.T. -0.02 min
 Lab File: VU030676.D
 Acq: 04 Apr 2019 10:57

Tgt Ion: 75 Resp: 3928
 Ion Ratio Lower Upper
 75 100
 77 34.0 22.0 40.8





#59

1,2,3-Trichloropropane

Concen: 4.849 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030676.D

Acq: 04 Apr 2019 10:57

Instrument :

MSVOA_U

ClientSampleId :

BF2M4

Tgt Ion: 75 Resp: 28514

Ion Ratio Lower Upper

75 100

77 35.9 25.4 38.2

