

Data File : VU029657.D
Acq On : 25 Feb 2019 14:54
Operator : JC/SP
Sample : K1602-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF5D5

Quant Time: Feb 26 00:16:31 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	486198	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	466752	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	230979	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	144644	40.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.20%
7) Chloroethane-d5	1.68	69	126342	39.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.78%
11) 1,1-Dichloroethene-d2	2.27	63	212577	30.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.06%
21) 2-Butanone-d5	4.17	46	204525	94.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.33%
24) Chloroform-d	4.65	84	264463	45.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.54%
26) 1,2-Dichloroethane-d4	5.31	65	169490	46.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.66%
32) Benzene-d6	5.34	84	580529	49.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.86%
36) 1,2-Dichloropropane-d6	6.33	67	173073	48.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.96%
41) Toluene-d8	7.56	98	542429	45.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.52%
43) trans-1,3-Dichloropropene-	7.85	79	81397	43.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.86%
47) 2-Hexanone-d5	8.31	63	157736	80.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	261630	43.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	226174	45.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.88%

Target Compounds

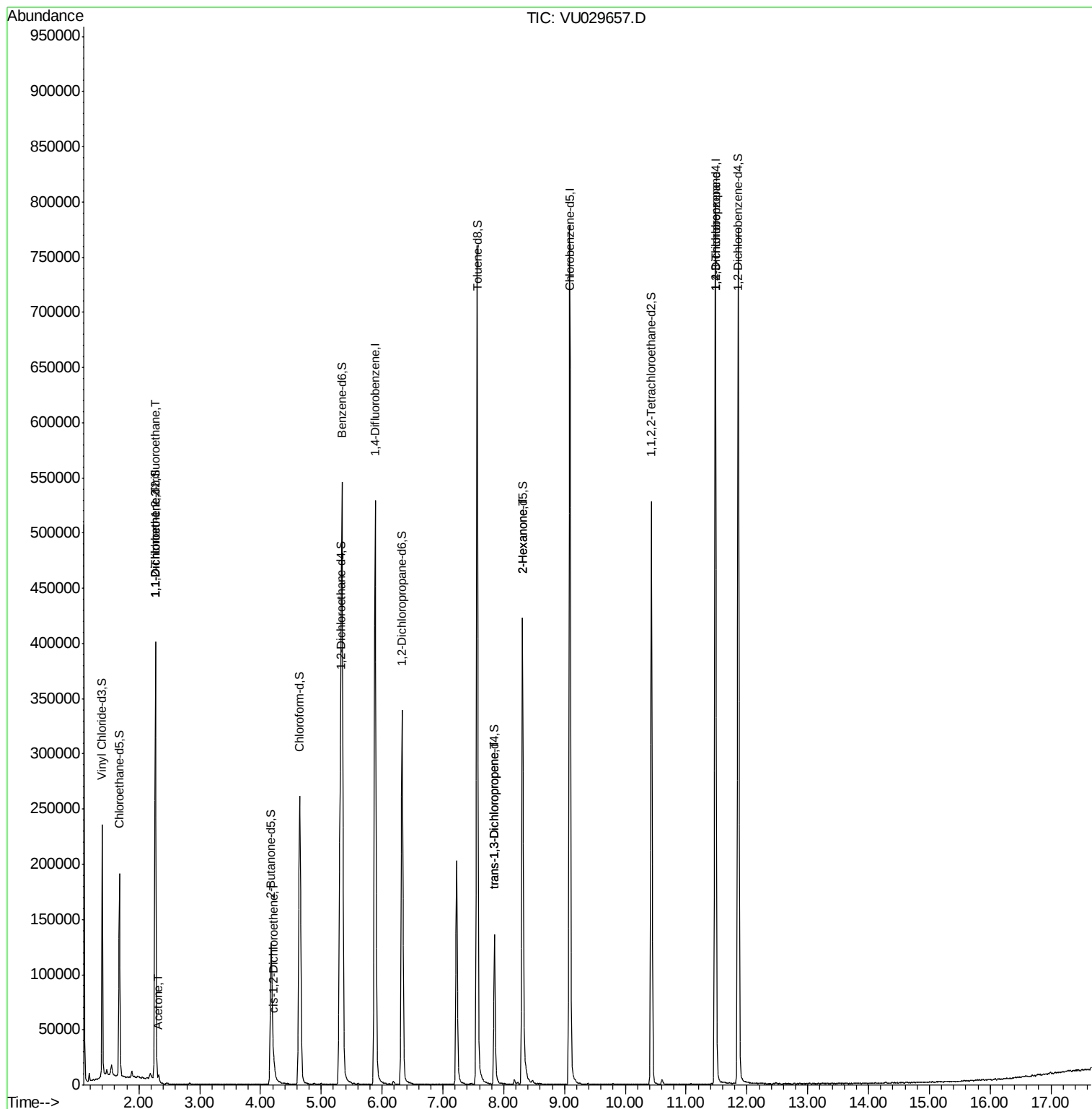
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1971	0.582	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	2501	0.777	ug/L #	1
13) Acetone	2.32	43	4293	1.853	ug/L	96
20) cis-1,2-Dichloroethene	4.23	96	4103	1.188	ug/L	90
44) trans-1,3-Dichloropropene	7.85	75	3275	0.686	ug/L	84
48) 2-Hexanone	8.31	43	16341	4.235	ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	23446	5.235	ug/L	91

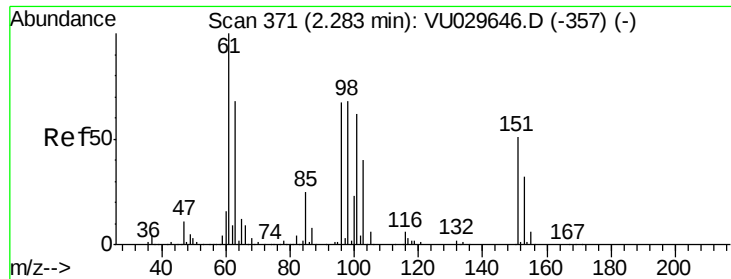
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.582 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampleID :

BF5D5

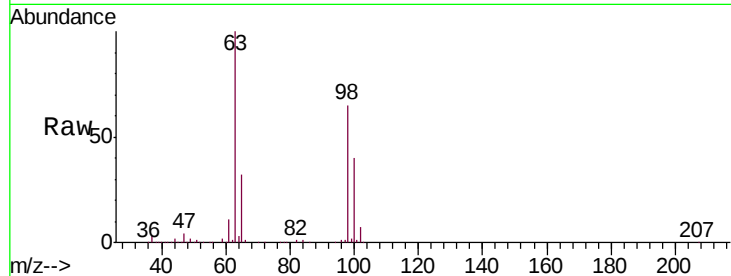
Tgt Ion: 101 Resp: 1971

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

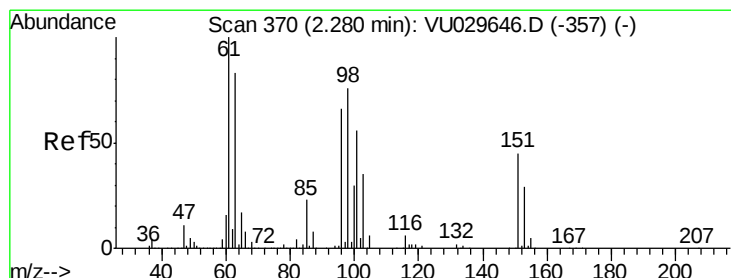
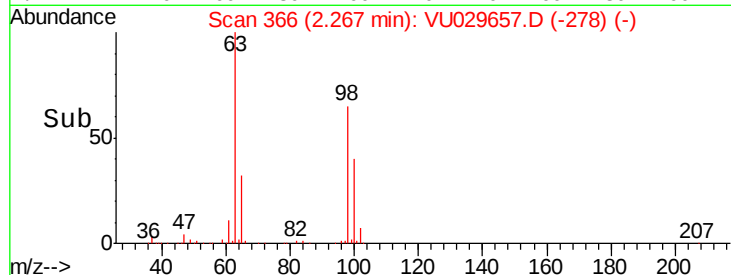
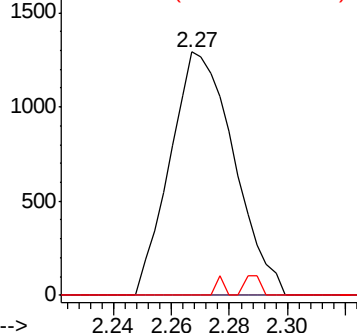
151 2.0 65.7 98.5#



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: 0.777 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029657.D

Acq: 25 Feb 2019 14:54

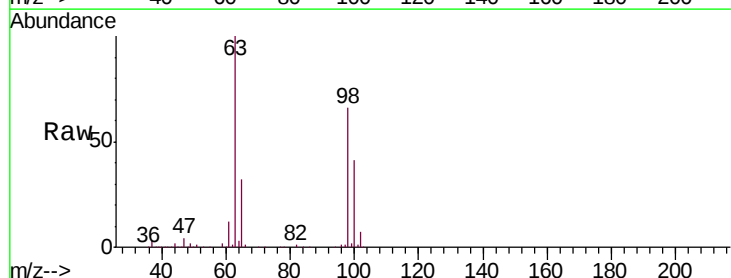
Tgt Ion: 96 Resp: 2501

Ion Ratio Lower Upper

96 100

61 1055.5 114.0 211.8#

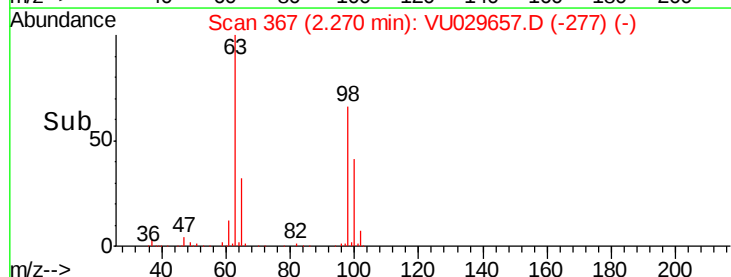
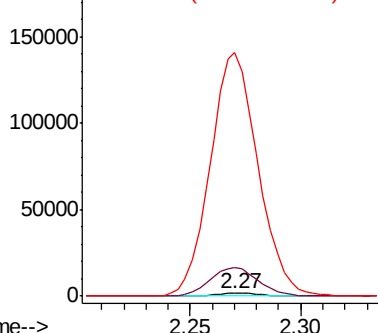
63 9097.3 98.7 183.3#

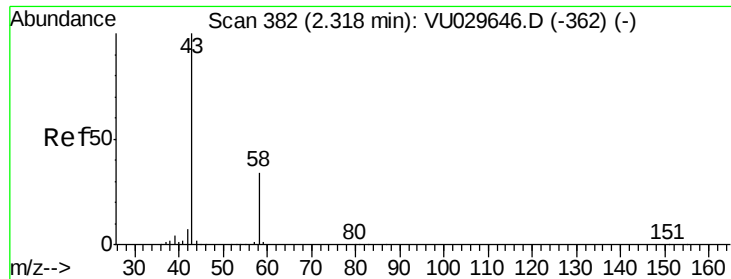


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.853 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Acq: 25 Feb 2019 14:54

Instrument :

MSVOA_U

ClientSampled :

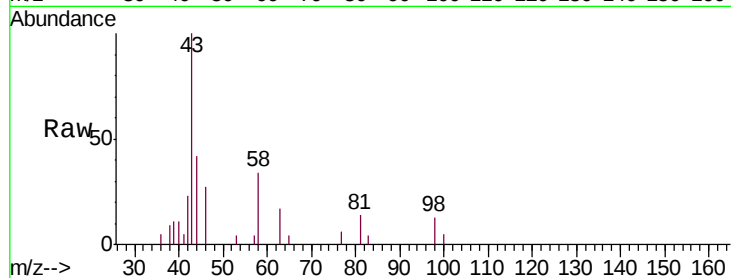
BF5D5

Tgt Ion: 43 Resp: 4293

Ion Ratio Lower Upper

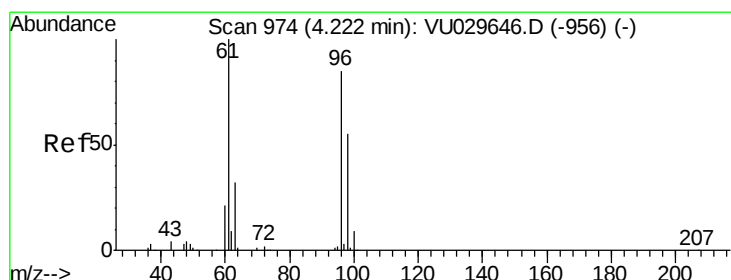
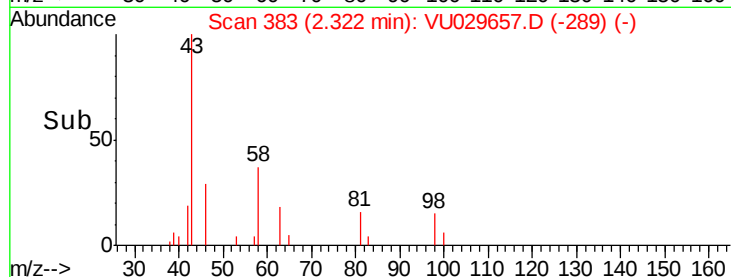
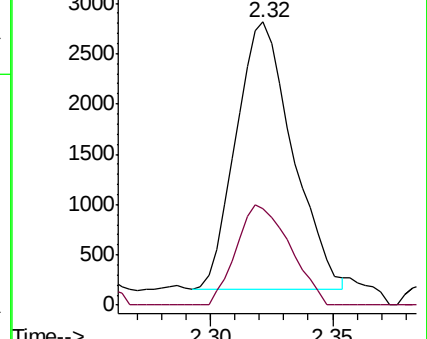
43 100

58 35.5 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: 1.188 ug/L

RT: 4.23 min Scan# 976

Delta R.T. 0.01 min

Lab File: VU029657.D

Acq: 25 Feb 2019 14:54

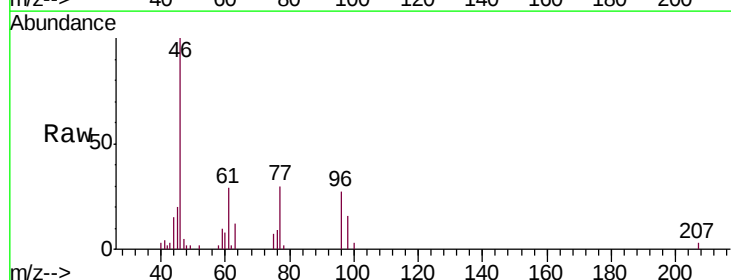
Tgt Ion: 96 Resp: 4103

Ion Ratio Lower Upper

96 100

61 108.7 83.9 155.7

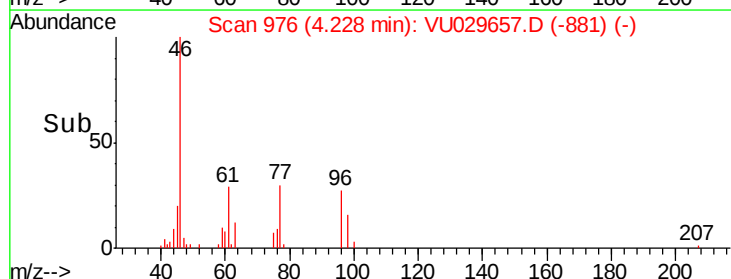
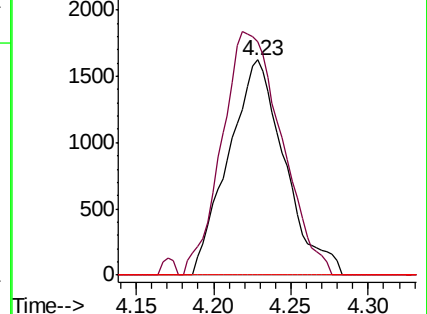
68 0.0 0.0 0.0

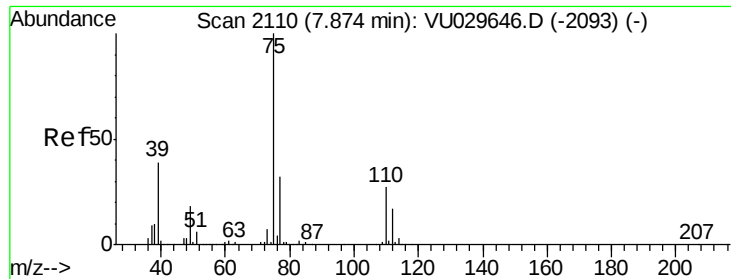


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.686 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU029657.D

Acq: 25 Feb 2019 14:54

Instrument :

MSVOA_U

ClientSampleId :

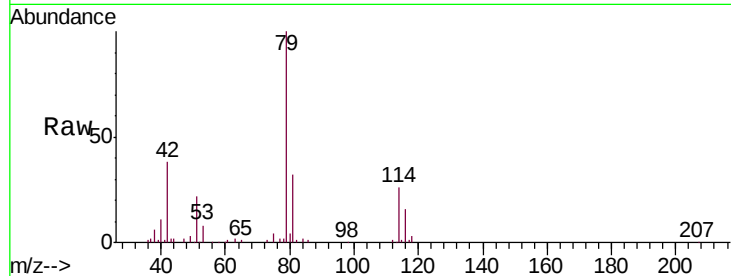
BF5D5

Tgt Ion: 75 Resp: 3275

Ion Ratio Lower Upper

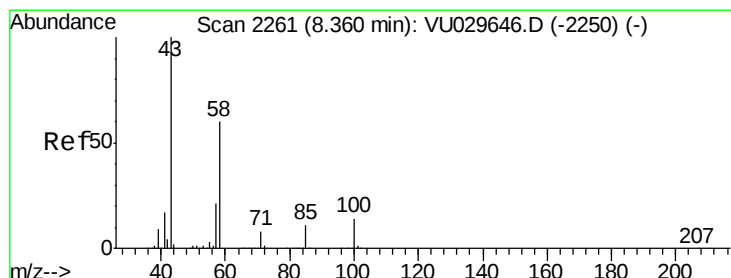
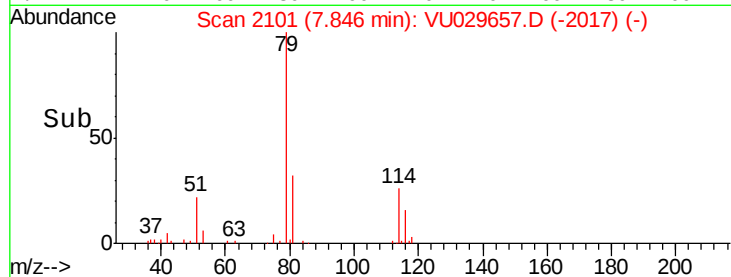
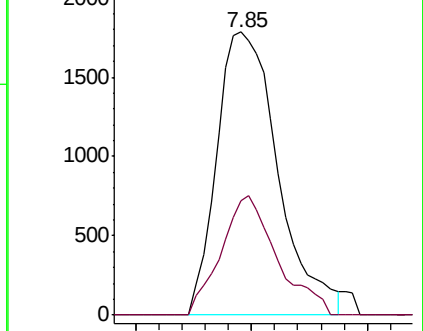
75 100

77 40.6 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#48

2-Hexanone

Concen: 4.235 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

Lab File: VU029657.D

Acq: 25 Feb 2019 14:54

Tgt Ion: 43 Resp: 16341

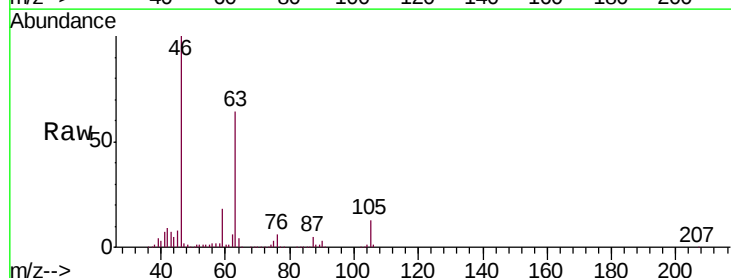
Ion Ratio Lower Upper

43 100

58 31.3 46.4 69.6#

57 28.2 15.7 23.5#

100 0.0 10.9 16.3#

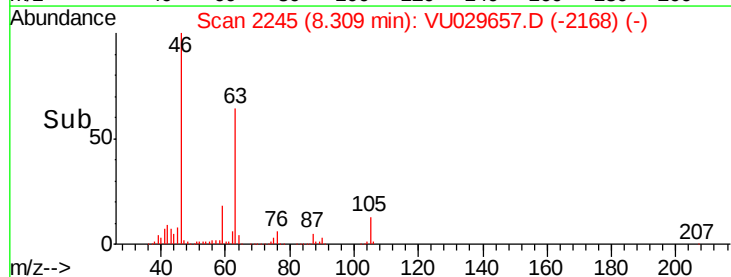
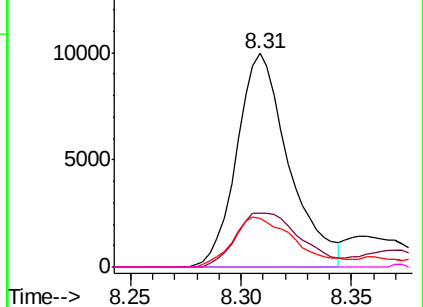


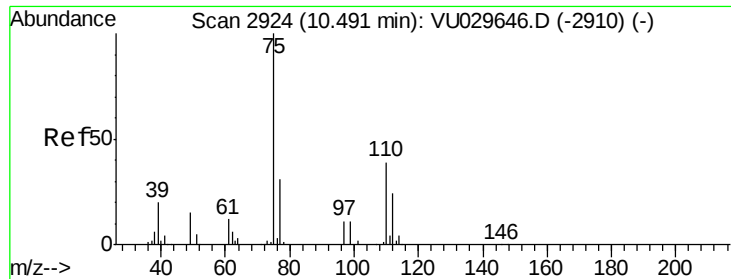
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.235 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029657.D

Acq: 25 Feb 2019 14:54

Instrument :

MSVOA_U

ClientSampleId :

BF5D5

Tgt Ion: 75 Resp: 23446

Ion Ratio Lower Upper

75 100

77 37.2 25.7 38.5

