

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031067.D
 Acq On : 11 Apr 2019 14:43
 Operator : JC/SP
 Sample : VU0411MBL02
 Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK55

Quant Time: Apr 12 04:48:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:43:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	505832	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	483756	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	213851	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	230173	50.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.94%
7) Chloroethane-d5	1.68	69	178364	52.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.10%
11) 1,1-Dichloroethene-d2	2.27	63	298581	36.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.12%
21) 2-Butanone-d5	4.17	46	306362	85.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.61%
24) Chloroform-d	4.64	84	346513	50.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.48%
26) 1,2-Dichloroethane-d4	5.30	65	231025	49.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.18%
32) Benzene-d6	5.33	84	701521	49.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.34%
36) 1,2-Dichloropropane-d6	6.32	67	231084	47.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.50%
41) Toluene-d8	7.56	98	610866	48.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	7.85	79	105360	47.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.48%
47) 2-Hexanone-d5	8.31	63	187646	84.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.83%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	306491	46.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	217897	51.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.62%

Target Compounds

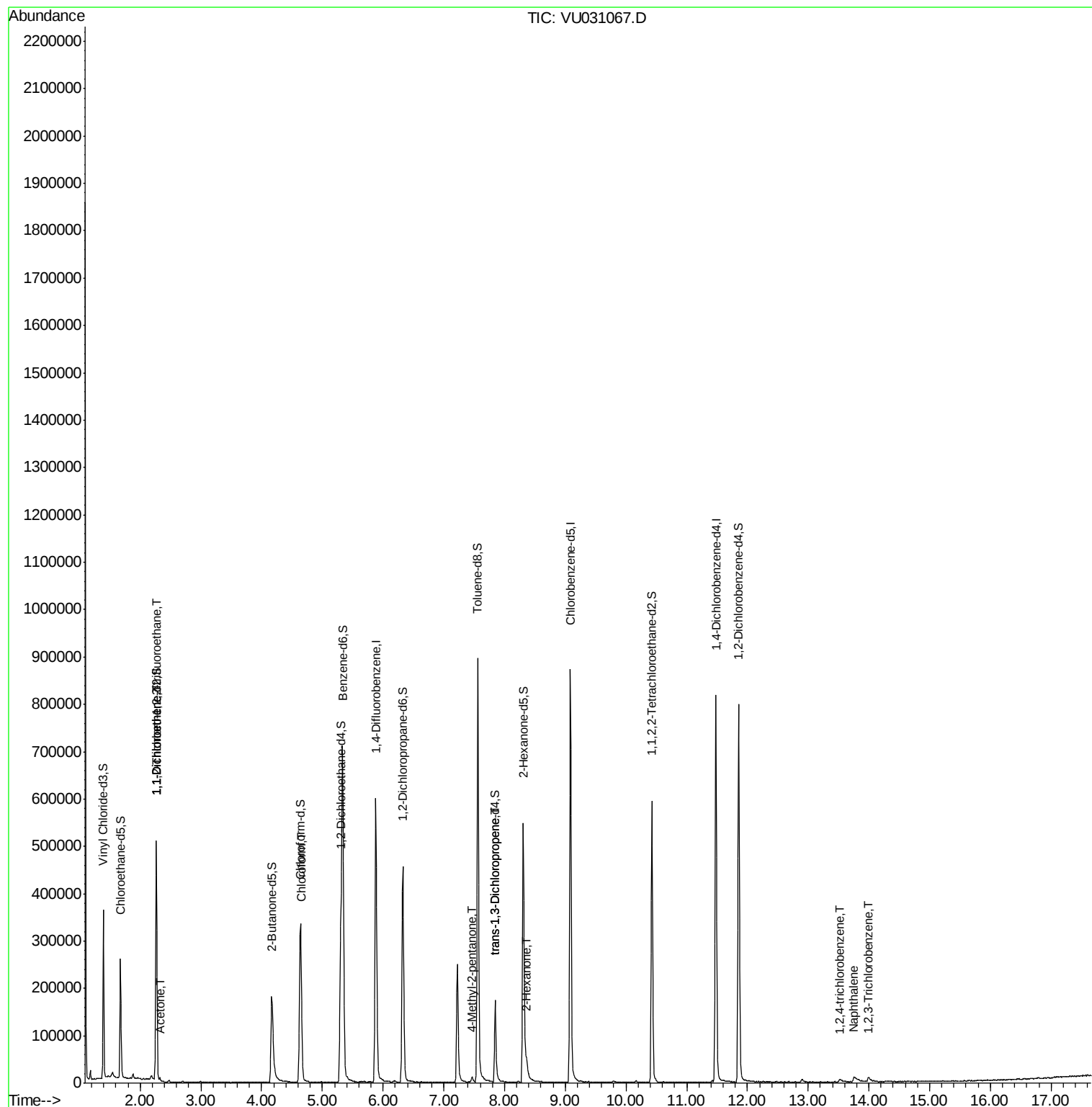
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2612	0.721 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	2859	0.818 ug/L #	1
13) Acetone	2.32	43	2157	0.589 ug/L	84
25) Chloroform	4.66	83	4732	0.615 ug/L #	72
40) 4-Methyl-2-pentanone	7.47	43	8089	1.122 ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	3975	0.707 ug/L	88
48) 2-Hexanone	8.36	43	20057	3.566 ug/L #	89
68) 1,2,4-trichlorobenzene	13.52	180	1652	0.393 ug/L #	78
69) Naphthalene	13.76	128	11732	0.862 ug/L #	79
70) 1,2,3-Trichlorobenzene	14.00	180	5021	1.144 ug/L #	88

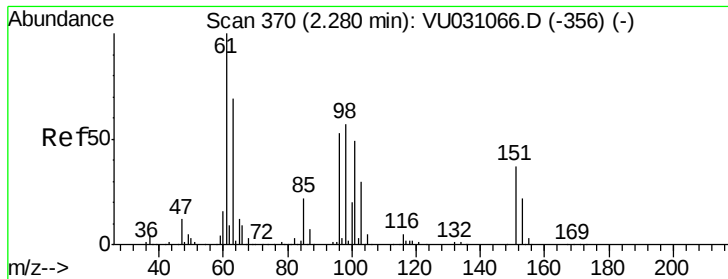
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU041119\
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Acq On : 11 Apr 2019 14:43
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Sample : VU0411MBL02
Misc : 5.00µ/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 58 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK55

Quant Time: Apr 12 04:48:24 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 04:43:47 2019
Response via : Initial Calibration





#10

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

Concen: 0.721 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031067.D

Acq: 11 Apr 2019 14:43

Instrument :

MSVOA_U

ClientSampleId :

VBLK55

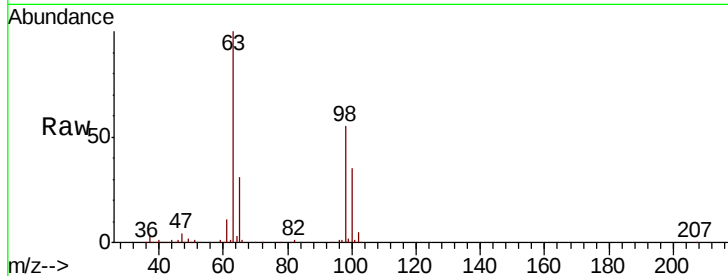
Tot Ion:101 Resp: 2612

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

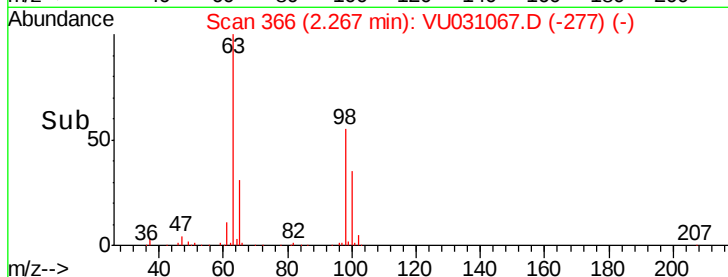
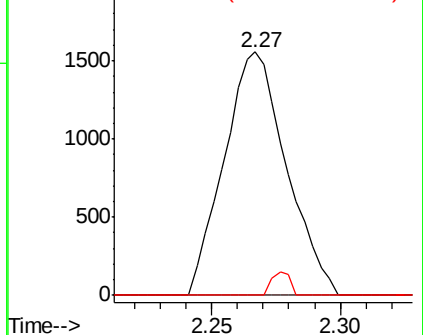
151 2.9 57.4 86.0#



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: 0.818 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031067.D

Acq: 11 Apr 2019 14:43

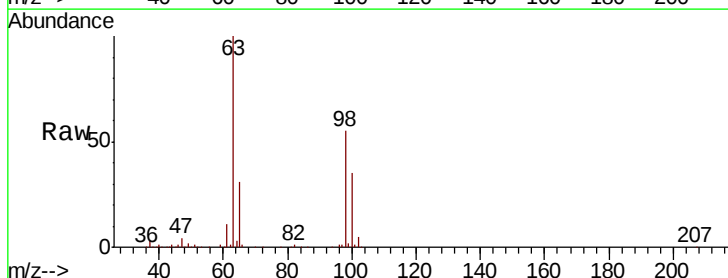
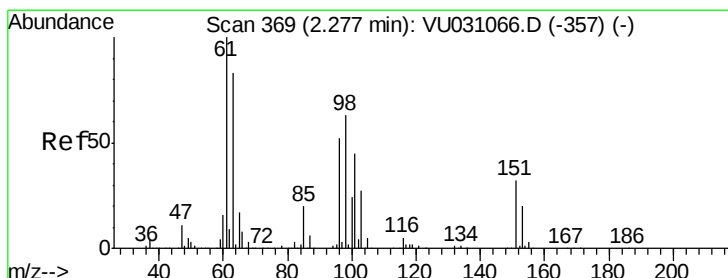
Tgt Ion: 96 Resp: 2859

Ion Ratio Lower Upper

96 100

61 1310.0 132.0 245.2#

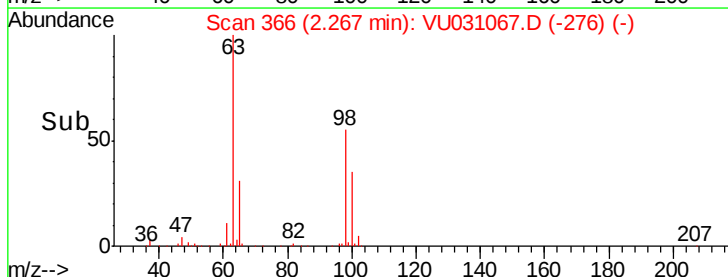
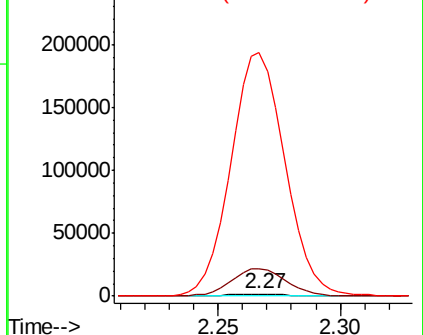
63 11421.0 90.9 168.9#

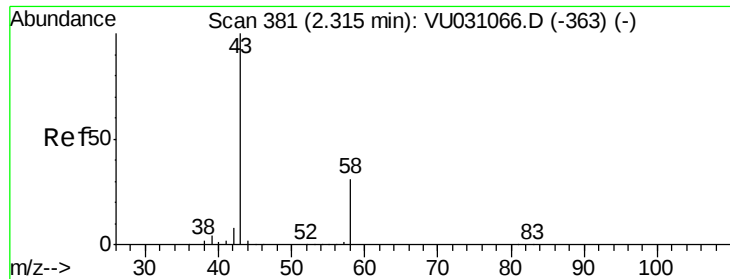


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.589 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VU031067.D

Acq: 11 Apr 2019 14:43

Instrument :

MSVOA_U

ClientSampleId :

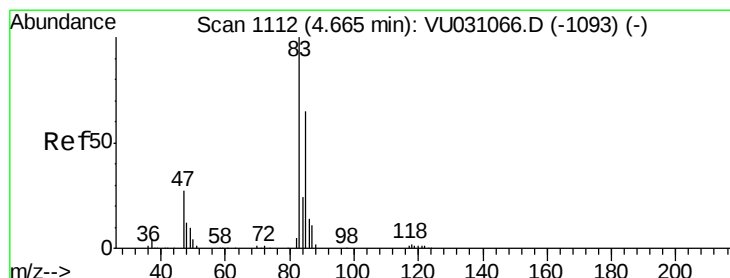
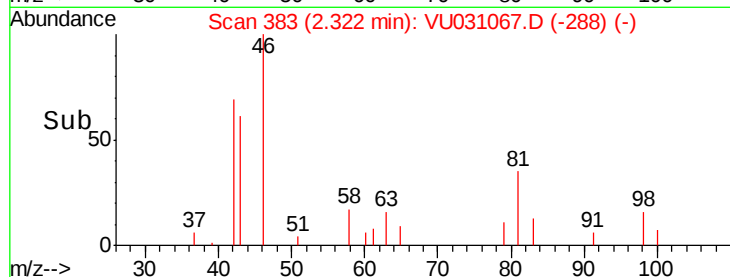
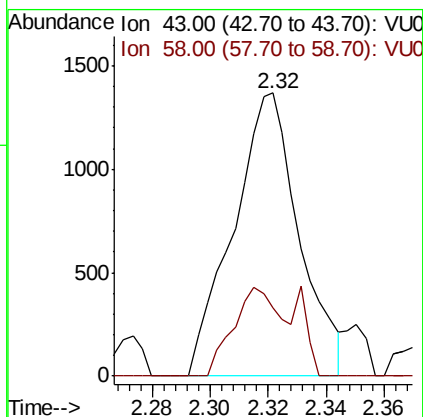
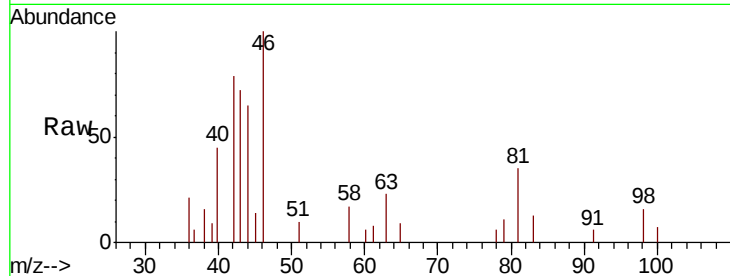
VBLK55

Tot Ion: 43 Resp: 2157

Ion Ratio Lower Upper

43 100

58 23.3 0.0 64.0



#25

Chloroform

Concen: 0.615 ug/L

RT: 4.66 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VU031067.D

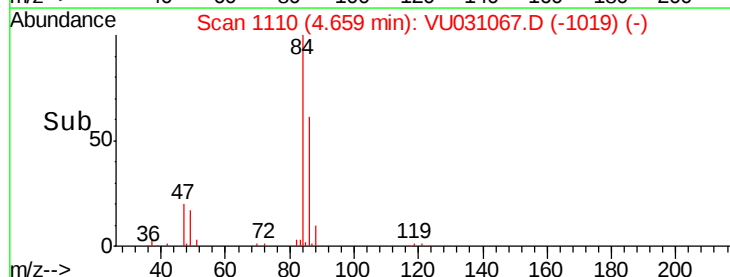
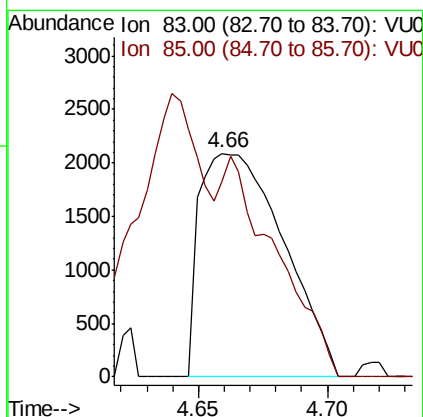
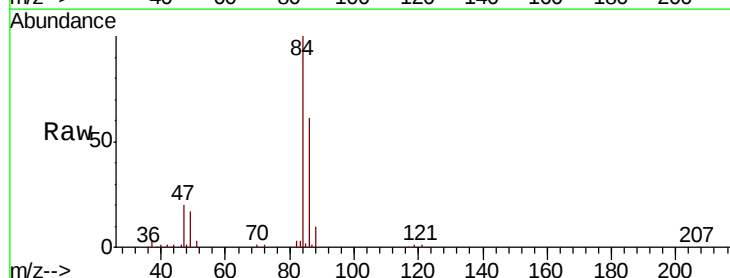
Acq: 11 Apr 2019 14:43

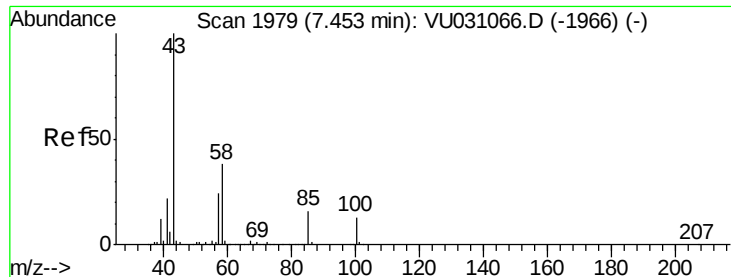
Tgt Ion: 83 Resp: 4732

Ion Ratio Lower Upper

83 100

85 87.4 45.8 85.0#

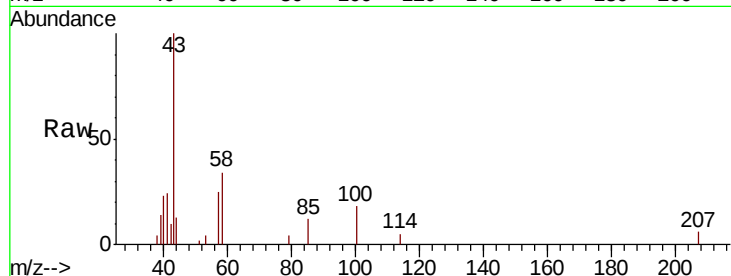




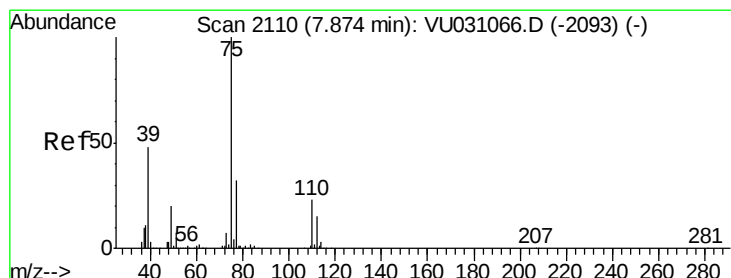
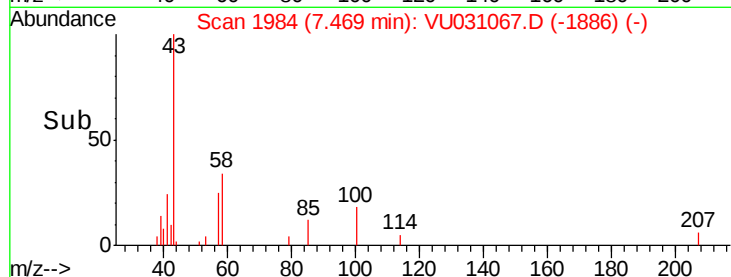
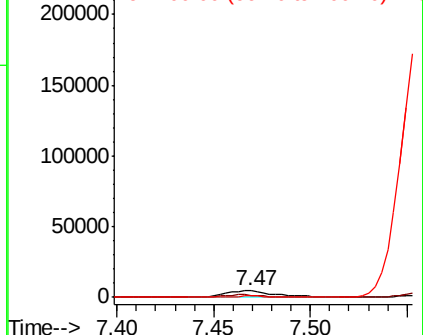
#40
4-Methyl-2-pentanone
Concen: 1.122 ug/L
RT: 7.47 min Scan# 1984
Delta R.T. 0.02 min
Lab File: VU031067.D
Acq: 11 Apr 2019 14:43

Instrument :
MSVOA_U
ClientSampleId :
VBLK55

Tot Ion: 43 Resp: 8089
Ion Ratio Lower Upper
43 100
58 36.7 29.7 44.5
100 14.6 9.8 14.6

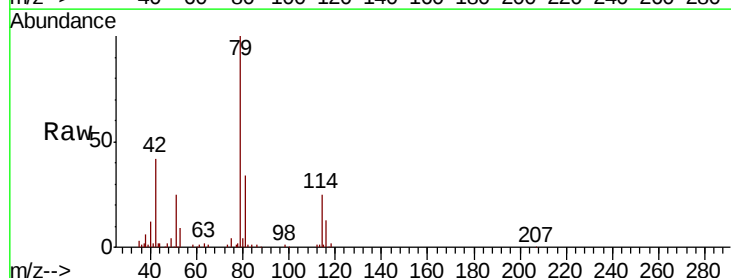


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

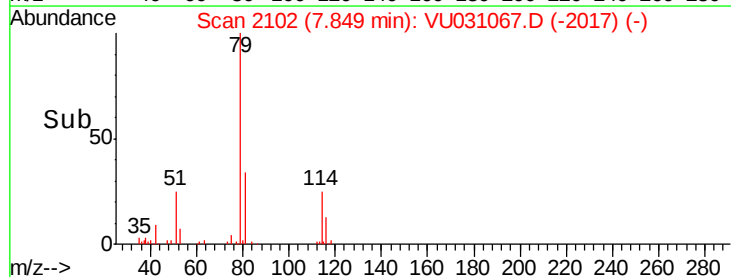
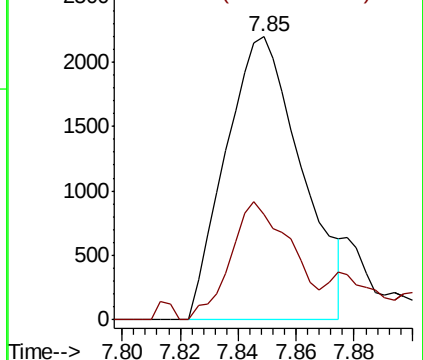


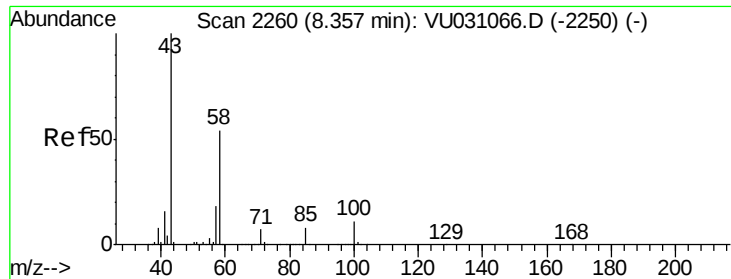
#44
trans-1,3-Dichloropropene
Concen: 0.707 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031067.D
Acq: 11 Apr 2019 14:43

Tgt Ion: 75 Resp: 3975
Ion Ratio Lower Upper
75 100
77 37.3 21.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

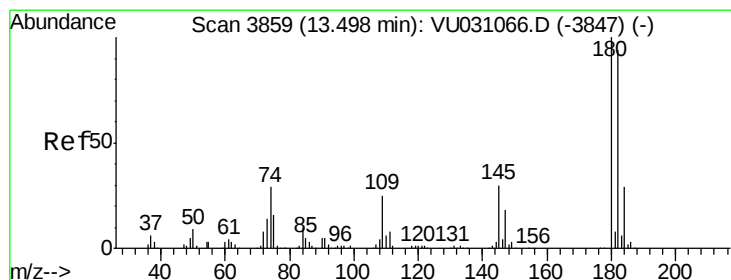
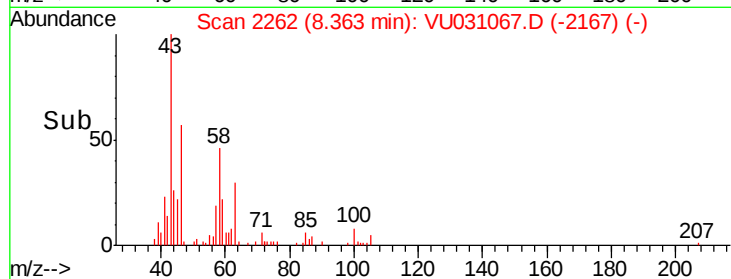
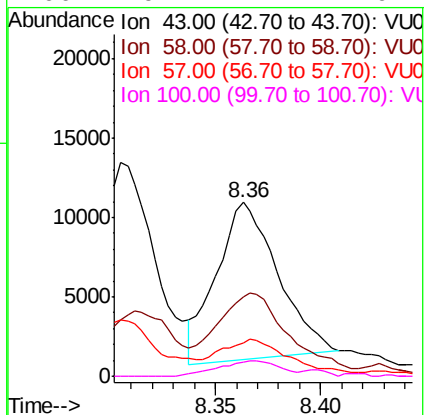
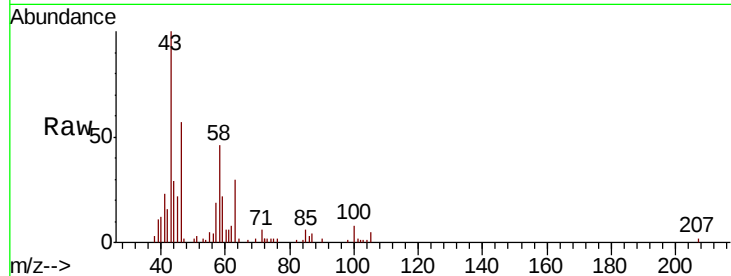




#48
2-Hexanone
Concen: 3.566 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU031067.D
Acq: 11 Apr 2019 14:43

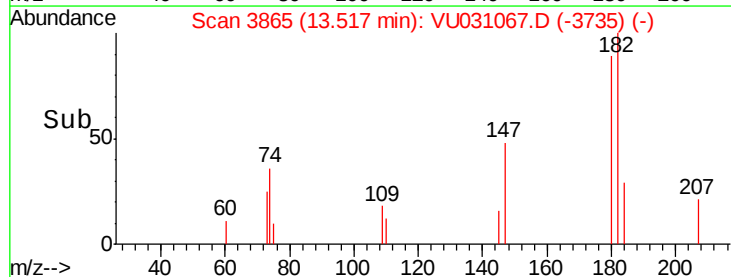
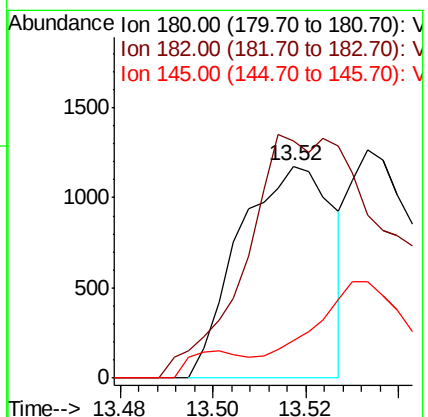
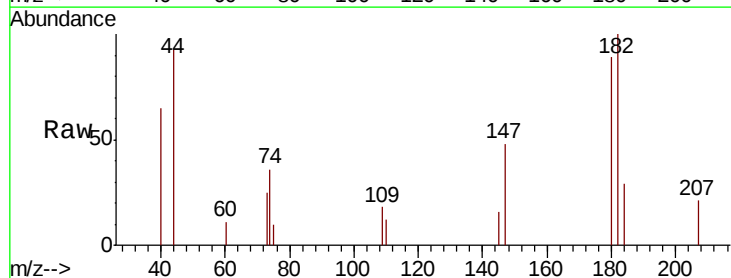
Instrument :
MSVOA_U
ClientSampleId :
VBLK55

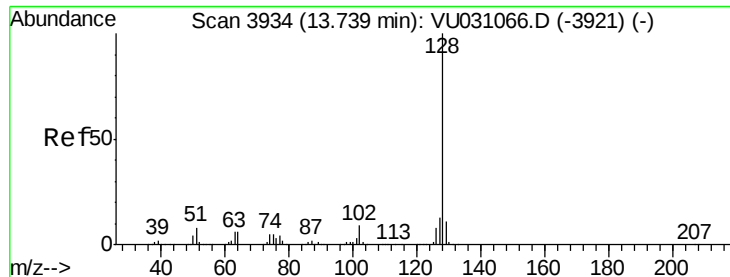
Tot Ion:	43	Resp:	20057
Ion	Ratio	Lower	Upper
43	100		
58	60.9	41.9	62.9
57	23.7	14.3	21.5#
100	9.7	7.1	10.7



#68
1,2,4-trichlorobenzene
Concen: 0.393 ug/L
RT: 13.52 min Scan# 3865
Delta R.T. 0.02 min
Lab File: VU031067.D
Acq: 11 Apr 2019 14:43

Tgt Ion:	180	Resp:	1652
Ion	Ratio	Lower	Upper
180	100		
182	80.7	76.7	115.1
145	7.6	24.4	36.6#





#69

Naphthalene

Concen: 0.862 ug/L

RT: 13.76 min Scan# 3939

Delta R.T. 0.02 min

Lab File: VU031067.D

Acq: 11 Apr 2019 14:43

Instrument :

MSVOA_U

ClientSampleId :

VBLK55

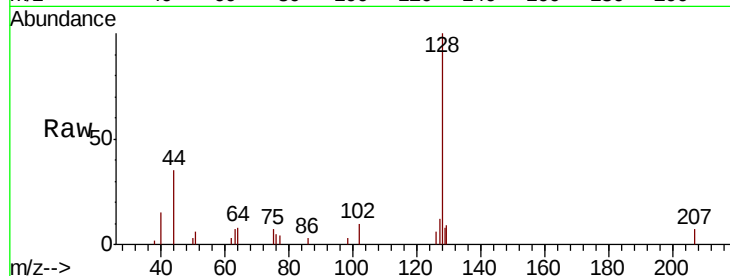
Tot Ion:128 Resp: 11732

Ion Ratio Lower Upper

128 100

127 6.4 10.4 15.6#

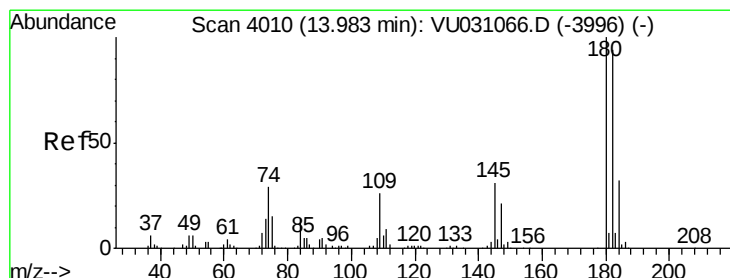
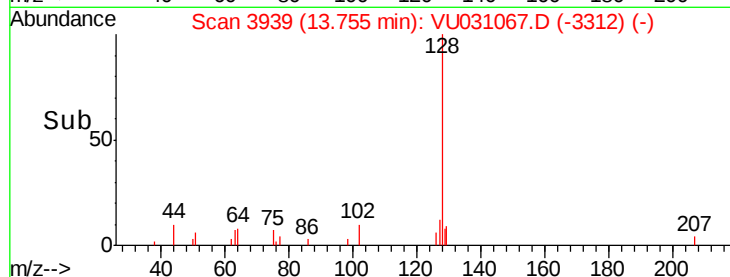
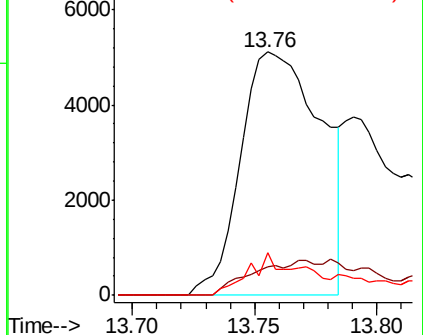
129 1.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 1.144 ug/L

RT: 14.00 min Scan# 4014

Delta R.T. 0.01 min

Lab File: VU031067.D

Acq: 11 Apr 2019 14:43

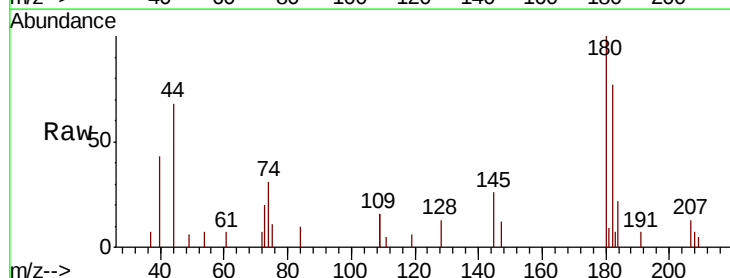
Tgt Ion:180 Resp: 5021

Ion Ratio Lower Upper

180 100

182 102.0 78.1 117.1

145 13.2 26.6 40.0#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

