

Data File : VU033513.D
Acq On : 31 Jul 2019 10:17
Operator : JC/SP
Sample : VU0731MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK35

Quant Time: Aug 01 07:23:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 01 07:20:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	323170	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	319831	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	147199	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	111565	47.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.96%
7) Chloroethane-d5	1.67	69	102771	50.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.96%
11) 1,1-Dichloroethene-d2	2.26	63	163734	38.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.80%
21) 2-Butanone-d5	4.16	46	171559	110.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.24%
24) Chloroform-d	4.62	84	193037	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.02%
26) 1,2-Dichloroethane-d4	5.29	65	126895	50.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.76%
32) Benzene-d6	5.32	84	402428	50.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.52%
36) 1,2-Dichloropropane-d6	6.31	67	126679	50.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.94%
41) Toluene-d8	7.55	98	357998	48.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.38%
43) trans-1,3-Dichloropropene-	7.83	79	60103	48.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.50%
47) 2-Hexanone-d5	8.30	63	127880	108.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.37%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	188713	49.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.48%
64) 1,2-Dichlorobenzene-d4	11.85	152	140839	52.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.50%

Target Compounds

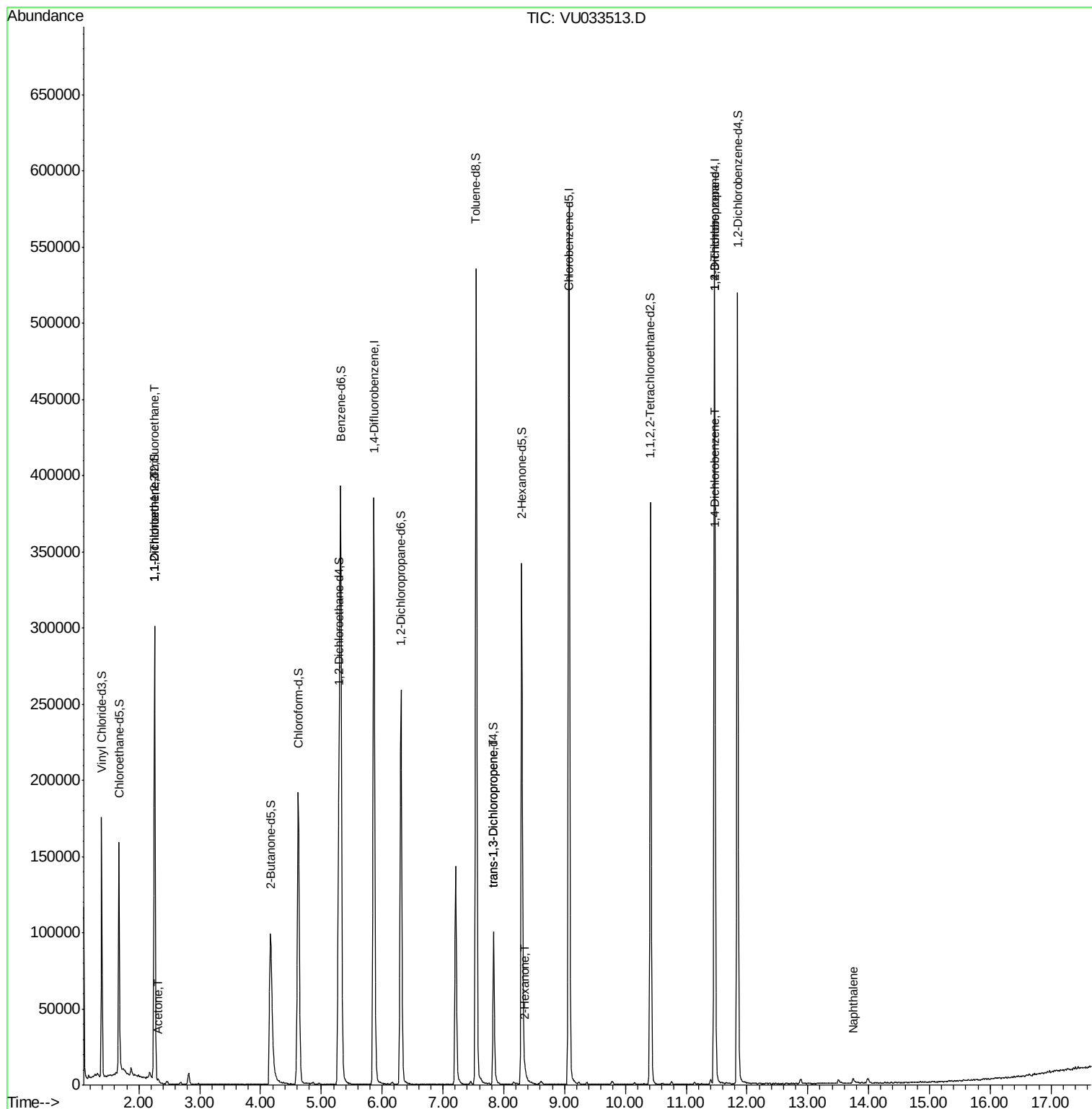
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1545	0.708	ug/L #	19
12) 1,1-Dichloroethene	2.26	96	1381	0.660	ug/L #	1
13) Acetone	2.33	43	1254	0.788	ug/L	59
44) trans-1,3-Dichloropropene	7.83	75	2630	0.755	ug/L	95
48) 2-Hexanone	8.35	43	2774	1.006	ug/L #	89
59) 1,2,3-Trichloropropane	11.47	75	18280	5.608	ug/L	95
63) 1,4-Dichlorobenzene	11.49	146	2397	0.510	ug/L	89
69) Naphthalene	13.75	128	5086	0.569	ug/L #	73

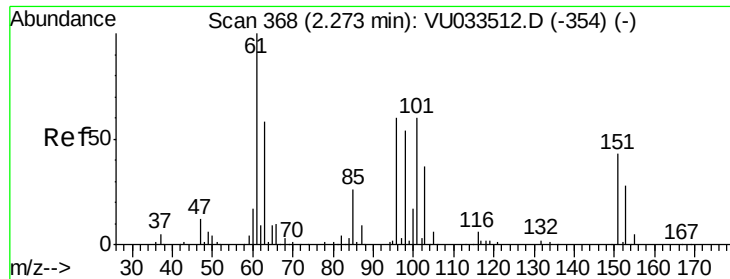
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.708 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033513.D

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Instrument :

MSVOA_U

ClientSampleId :

VBLK35

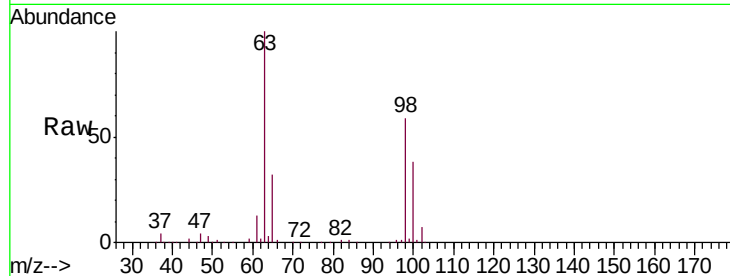
Tgt Ion:101 Resp: 1545

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

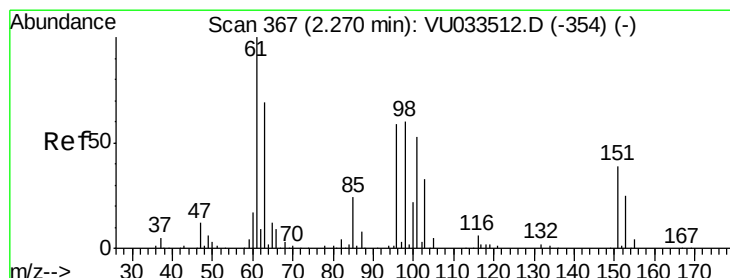
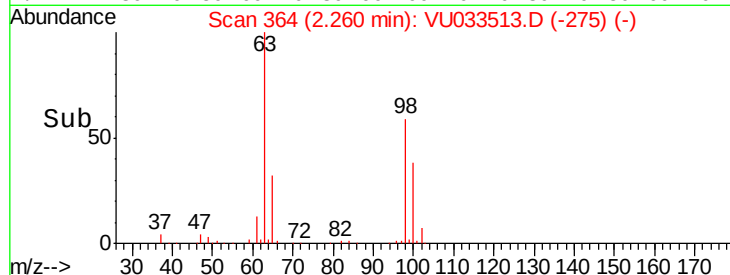
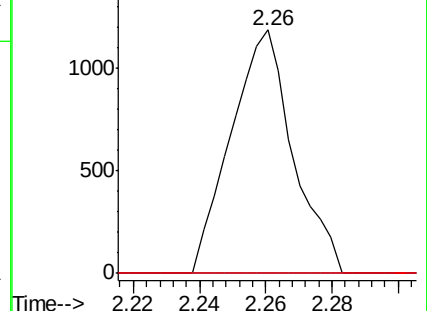
151 0.0 60.1 90.1#



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: 0.660 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033513.D

Acq: 31 Jul 2019 10:17

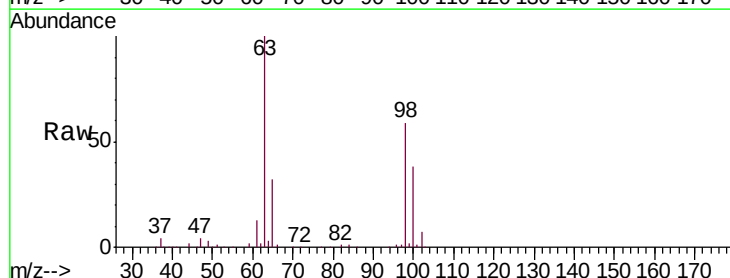
Tgt Ion: 96 Resp: 1381

Ion Ratio Lower Upper

96 100

61 1530.4 119.3 221.5#

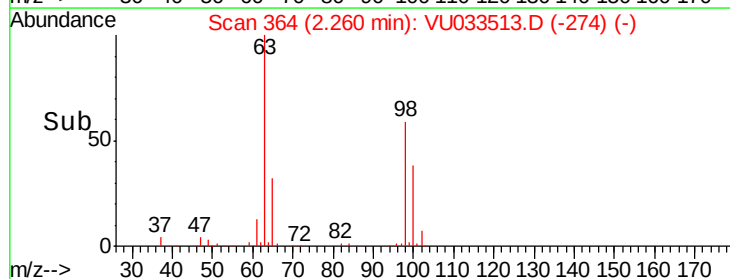
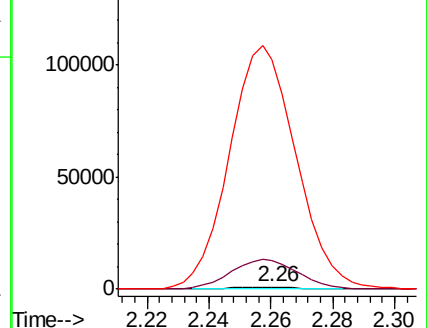
63 12120.2 86.6 160.8#

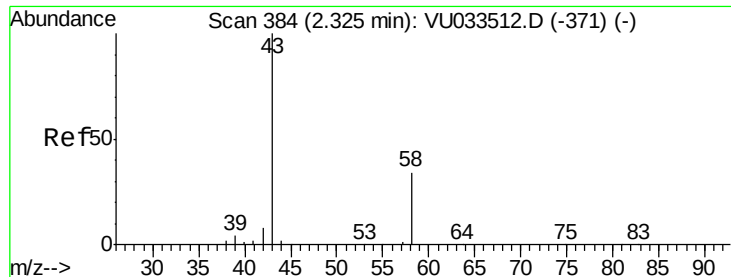


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

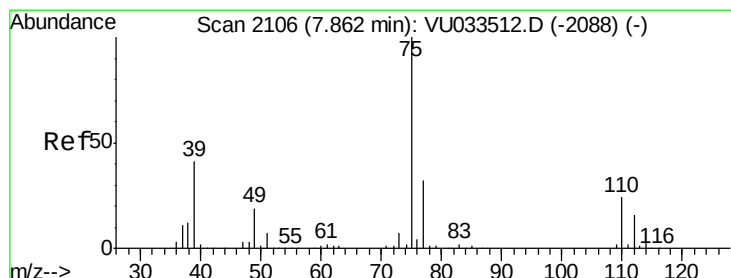
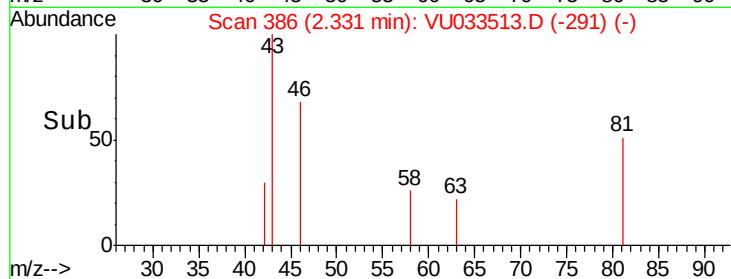
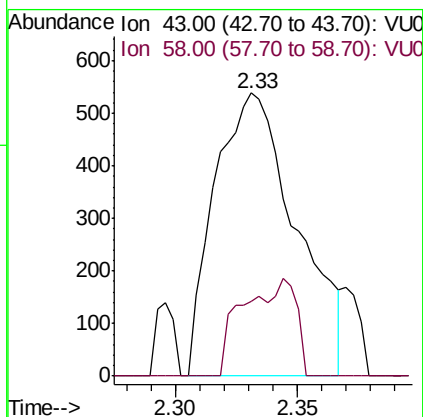
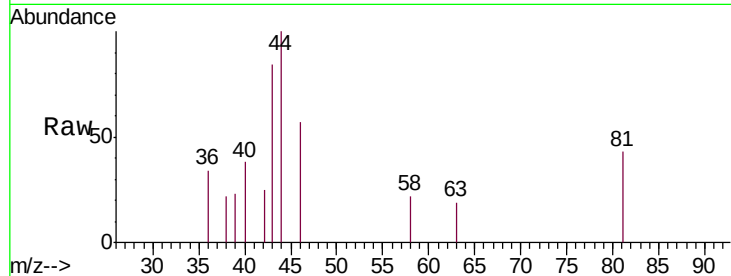




#13
Acetone
Concen: 0.788 ug/L
RT: 2.33 min Scan# 386
Delta R.T. 0.01 min
Lab File: VU033513.D
Acq: 31 Jul 2019 10:17

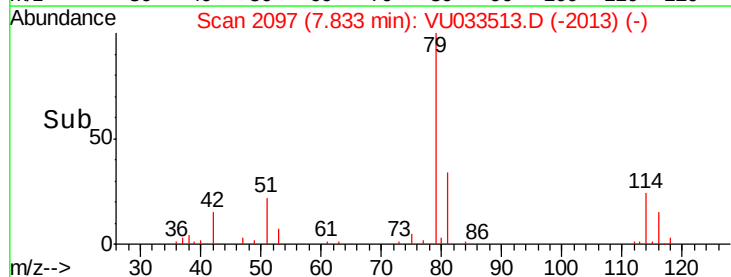
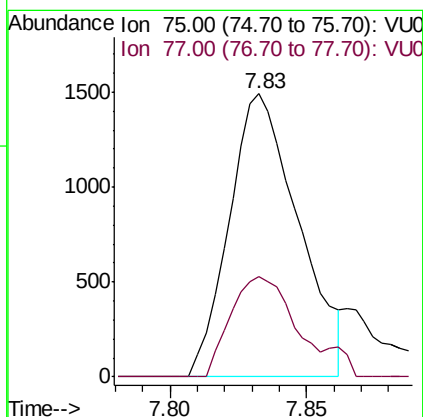
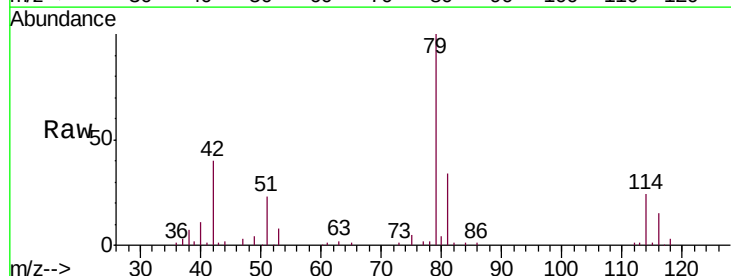
Instrument :
MSVOA_U
ClientSampleId :
VBLK35

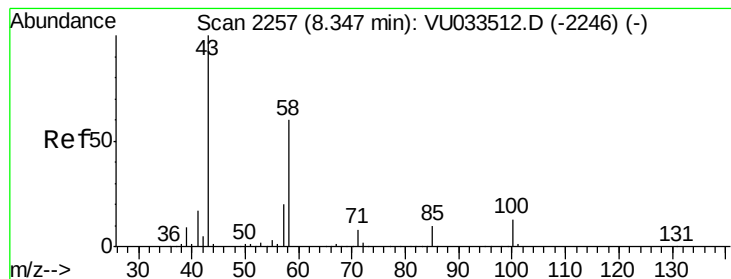
Tgt Ion: 43 Resp: 1254
Ion Ratio Lower Upper
43 100
58 9.8 0.0 66.2



#44
trans-1,3-Dichloropropene
Concen: 0.755 ug/L
RT: 7.83 min Scan# 2097
Delta R.T. -0.03 min
Lab File: VU033513.D
Acq: 31 Jul 2019 10:17

Tgt Ion: 75 Resp: 2630
Ion Ratio Lower Upper
75 100
77 35.3 22.7 42.1





#48

2-Hexanone

Concen: 1.006 ug/L

RT: 8.35 min Scan# 2259

Delta R.T. 0.01 min

Lab File: VU033513.D

Acq: 31 Jul 2019 10:17

Instrument :

MSVOA_U

ClientSampleId :

VBLK35

Tgt Ion: 43 Resp: 2774

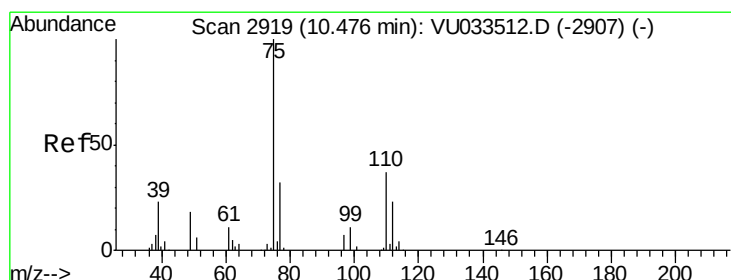
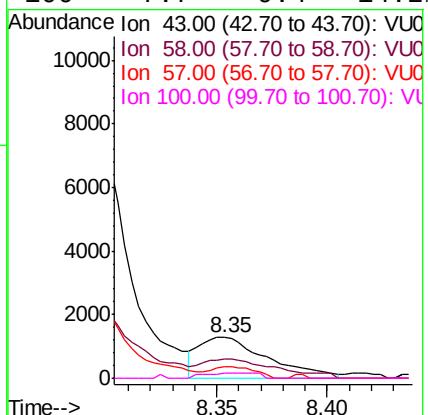
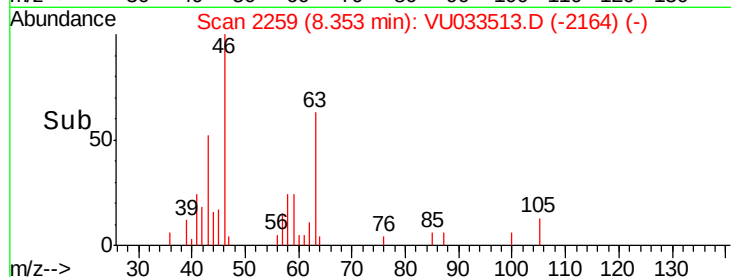
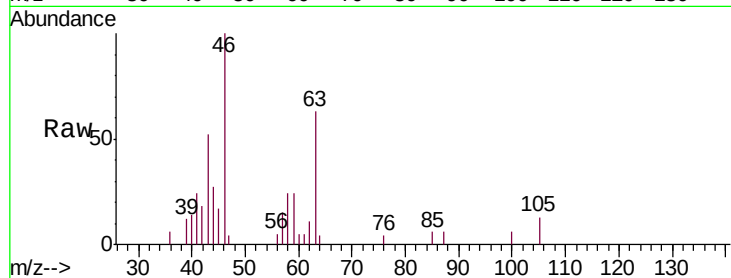
Ion Ratio Lower Upper

43 100

58 48.0 45.8 68.6

57 17.4 15.8 23.6

100 7.7 9.4 14.2#



#59

1,2,3-Trichloropropane

Concen: 5.608 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033513.D

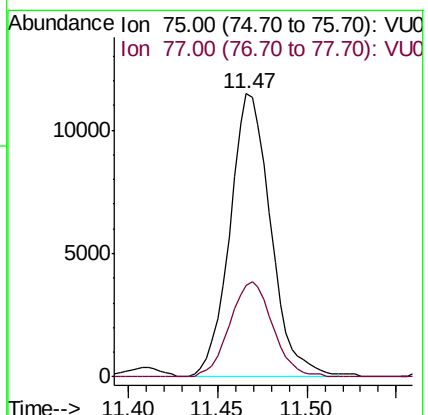
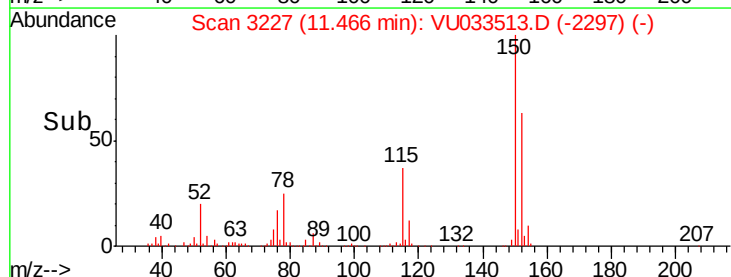
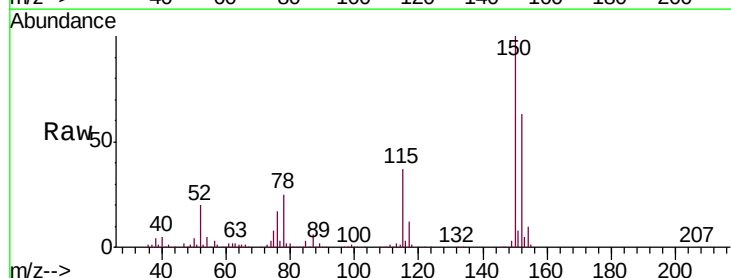
Acq: 31 Jul 2019 10:17

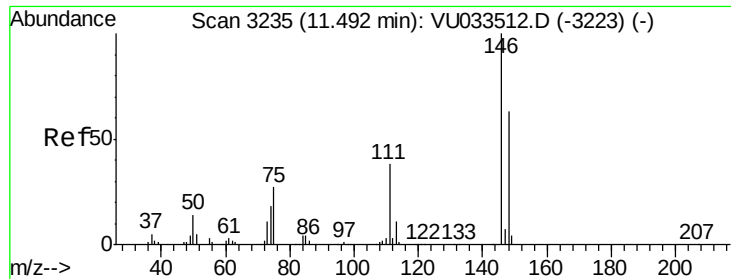
Tgt Ion: 75 Resp: 18280

Ion Ratio Lower Upper

75 100

77 35.1 25.8 38.6

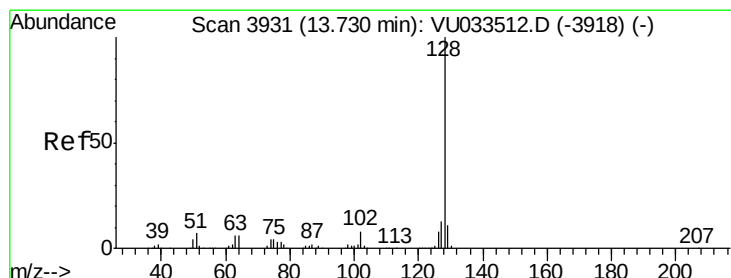
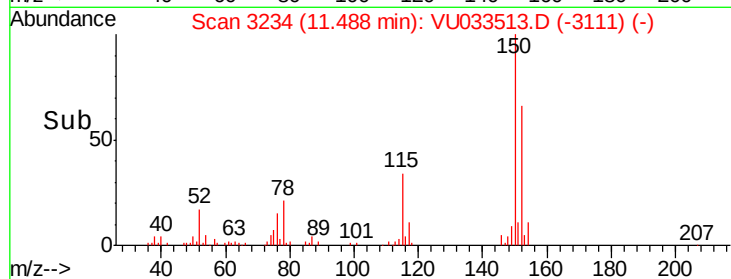
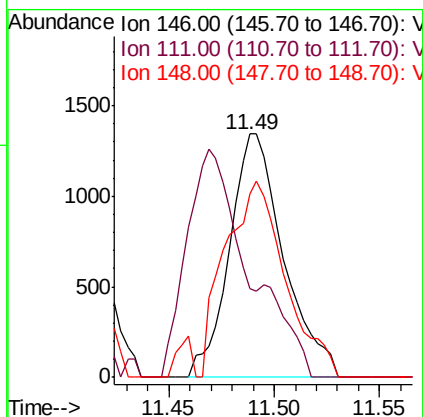
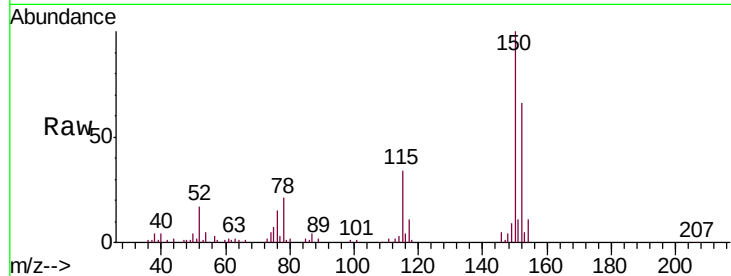




#63
 1,4-Dichlorobenzene
 Concen: 0.510 ug/L
 RT: 11.49 min Scan# 3234
 Delta R.T. -0.00 min
 Lab File: VU033513.D
 Acq: 31 Jul 2019 10:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK35

Tgt Ion:146 Resp: 2397
 Ion Ratio Lower Upper
 146 100
 111 36.6 27.2 50.4
 148 75.4 44.5 82.7



#69
 Naphthalene
 Concen: 0.569 ug/L
 RT: 13.75 min Scan# 3937
 Delta R.T. 0.02 min
 Lab File: VU033513.D
 Acq: 31 Jul 2019 10:17

Tgt Ion:128 Resp: 5086
 Ion Ratio Lower Upper
 128 100
 127 1.9 10.8 16.2#
 129 1.5 8.7 13.1#

