

Data File : VU033669.D
Acq On : 09 Aug 2019 04:09
Operator : JC/SP
Sample : K4215-12
Misc : 3.91g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOC3

Quant Time: Aug 09 09:11:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 09:08:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	330160	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	334913	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	163879	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	110332	29.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.20%#
7) Chloroethane-d5	1.63	69	95033	30.12	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	60.24%#
11) 1,1-Dichloroethene-d2	2.22	63	199585	33.13	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.26%
21) 2-Butanone-d5	4.17	46	127454	46.69	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	46.69%
24) Chloroform-d	4.62	84	215249	34.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.70%#
26) 1,2-Dichloroethane-d4	5.28	65	152044	38.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.34%
32) Benzene-d6	5.31	84	473094	37.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.76%
36) 1,2-Dichloropropane-d6	6.31	67	151182	38.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.14%
41) Toluene-d8	7.55	98	424811	36.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.58%#
43) trans-1,3-Dichloropropene-	7.84	79	70404	36.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.44%
47) 2-Hexanone-d5	8.31	63	169961	85.49	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.49%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	242120	38.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.96%
64) 1,2-Dichlorobenzene-d4	11.85	152	177028	39.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.08%#

Target Compounds

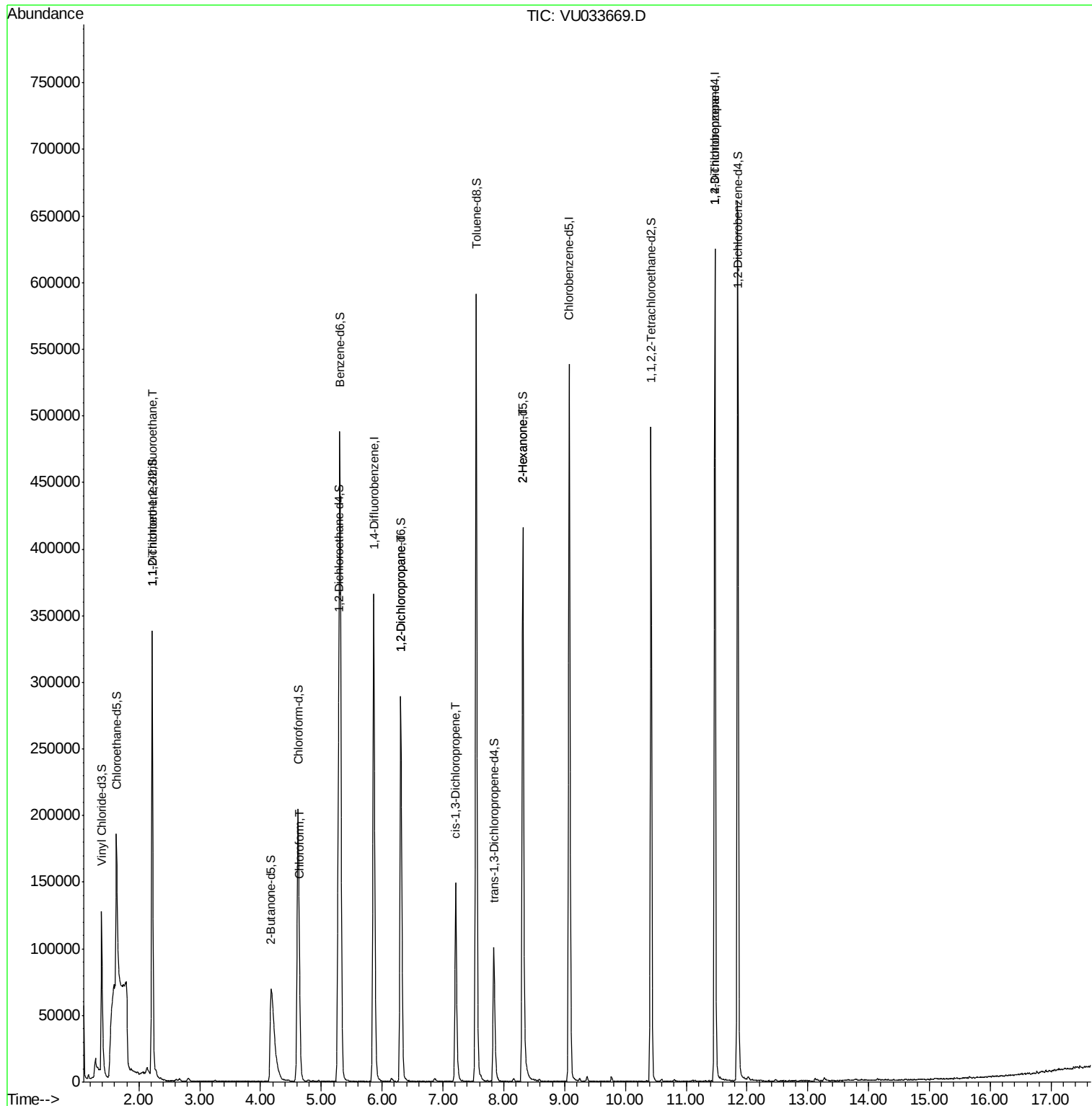
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.22	101	1777	0.727 ug/L #	19
25) Chloroform	4.65	83	11881	2.389 ug/L	89
37) 1,2-Dichloropropane	6.31	63	16290	5.701 ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	4302	1.011 ug/L	85
48) 2-Hexanone	8.31	43	19613	5.739 ug/L #	70
59) 1,2,3-Trichloropropane	11.47	75	19649	5.036 ug/L	95

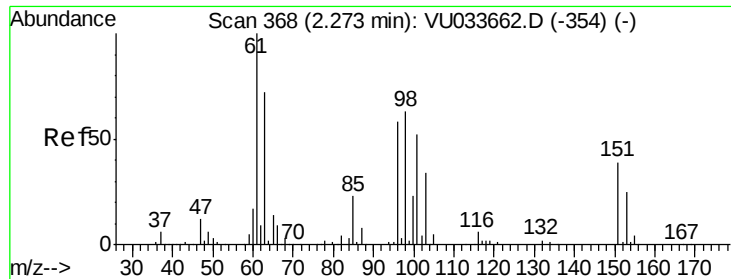
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.727 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.06 min

Lab File: VU033669.D

Acq: 09 Aug 2019 04:09

Instrument :

MSVOA_U

ClientSampled :

ETOC3

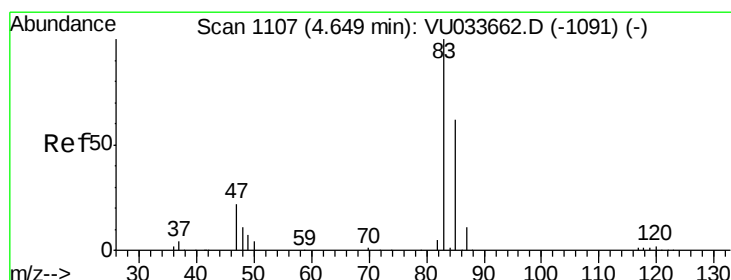
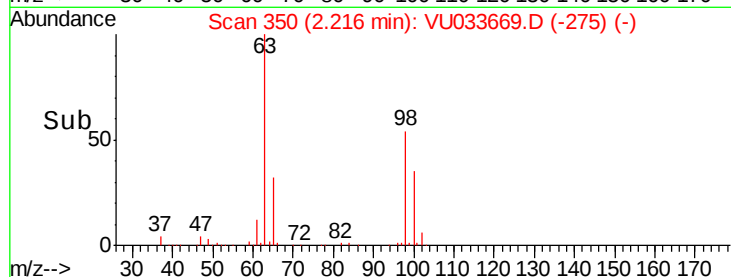
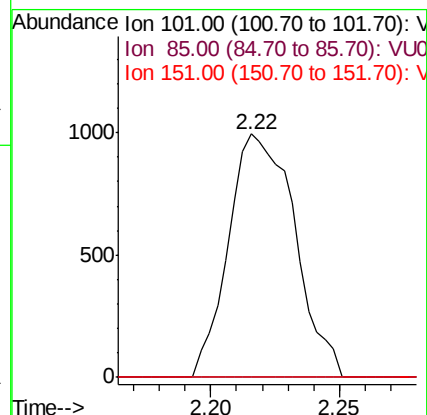
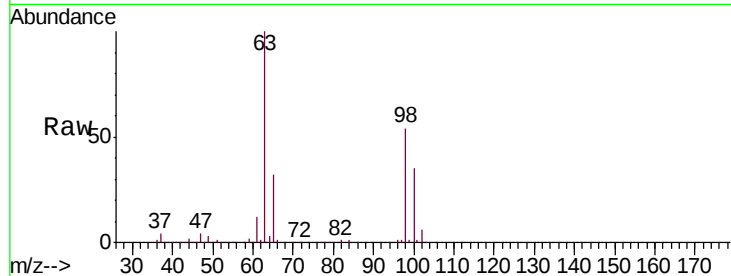
Tgt Ion:101 Resp: 1777

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

151 0.0 60.4 90.6#



#25

Chloroform

Concen: 2.389 ug/L

RT: 4.65 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VU033669.D

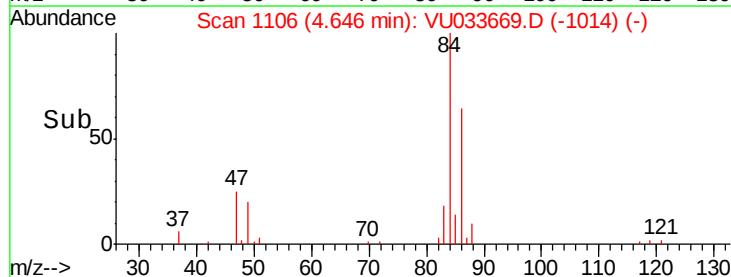
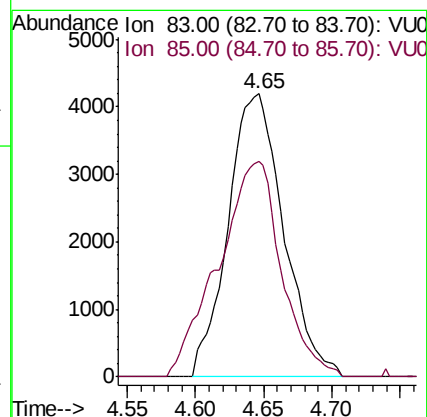
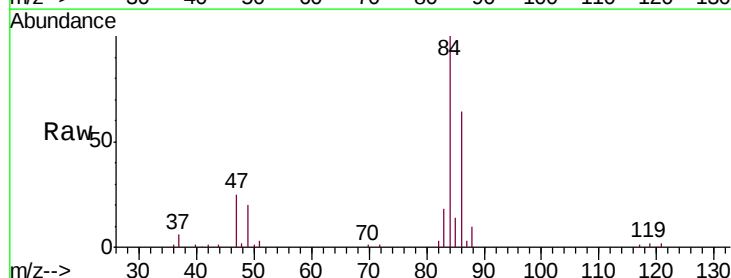
Acq: 09 Aug 2019 04:09

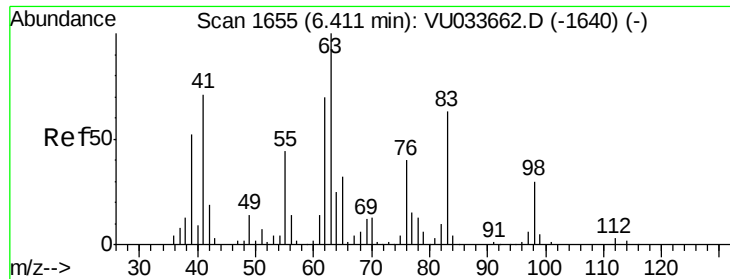
Tgt Ion: 83 Resp: 11881

Ion Ratio Lower Upper

83 100

85 76.3 47.2 87.6

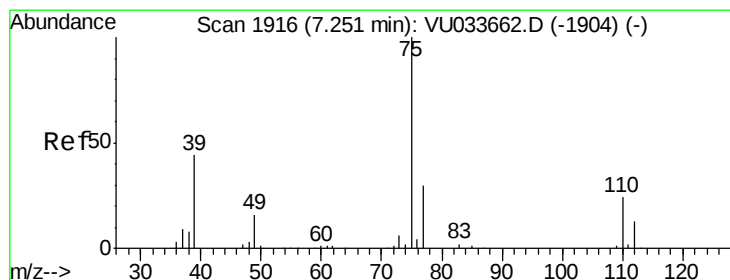
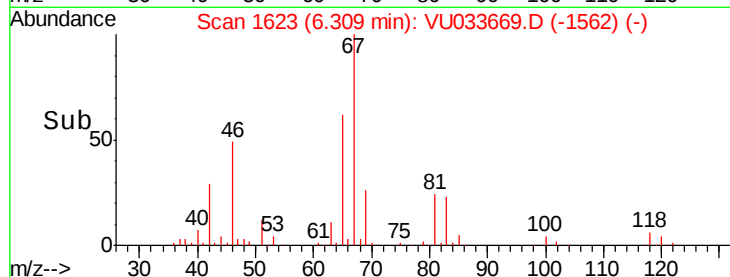
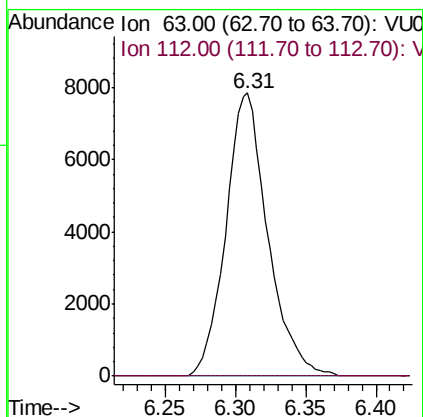
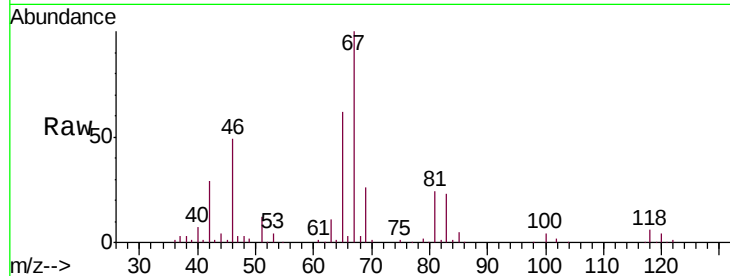




#37
 1,2-Dichloropropane
 Concen: 5.701 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU033669.D
 Acq: 09 Aug 2019 04:09

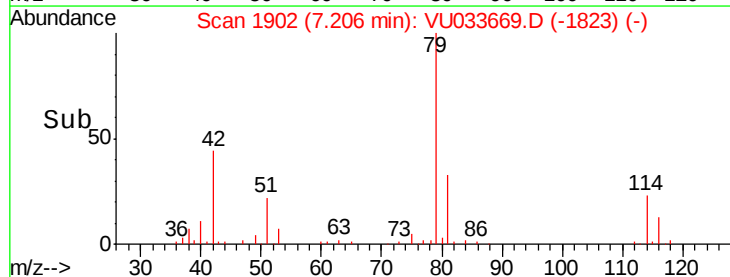
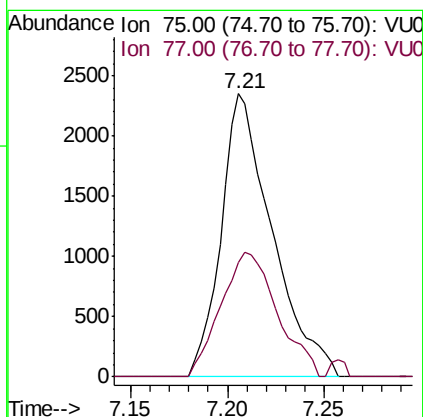
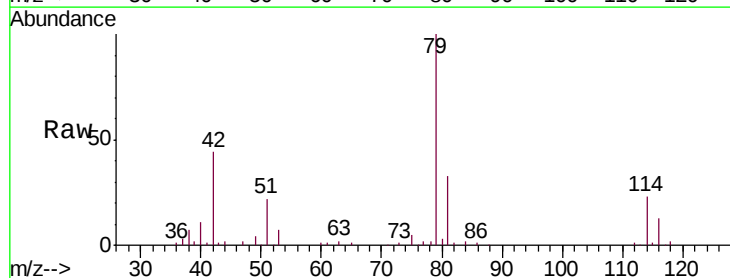
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 MSVOA_U
 ClientSampled :
 ETOC3

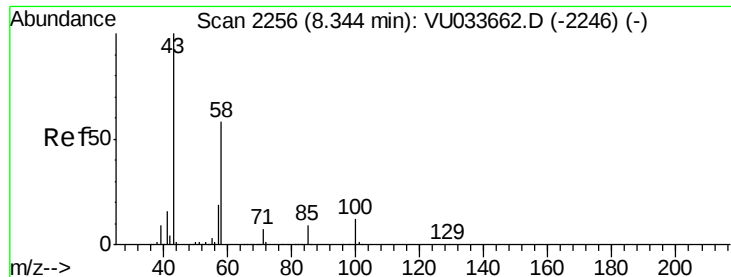
Tgt Ion: 63 Resp: 16290
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.011 ug/L
 RT: 7.21 min Scan# 1902
 Delta R.T. -0.04 min
 Lab File: VU033669.D
 Acq: 09 Aug 2019 04:09

Tgt Ion: 75 Resp: 4302
 Ion Ratio Lower Upper
 75 100
 77 40.4 22.5 41.9





#48

2-Hexanone

Concen: 5.739 ug/L

RT: 8.31 min Scan# 2246

Delta R.T. -0.03 min

Lab File: VU033669.D

Acq: 09 Aug 2019 04:09

Instrument :

MSVOA_U

ClientSampleId :

ETOC3

Tgt Ion: 43 Resp: 19613

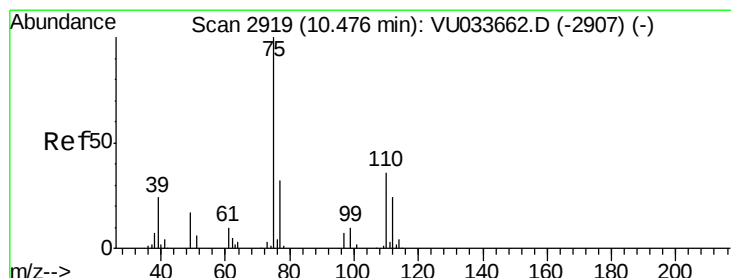
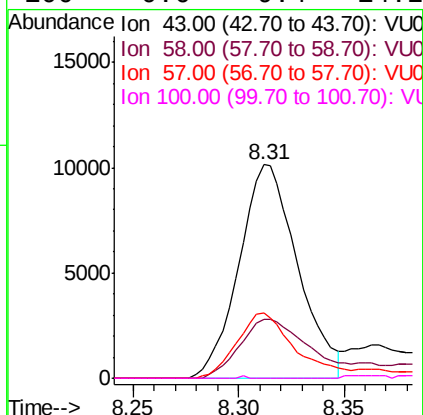
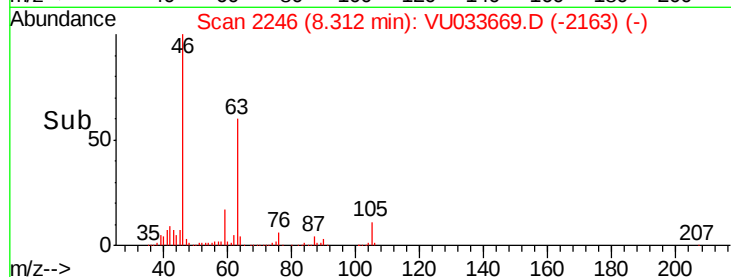
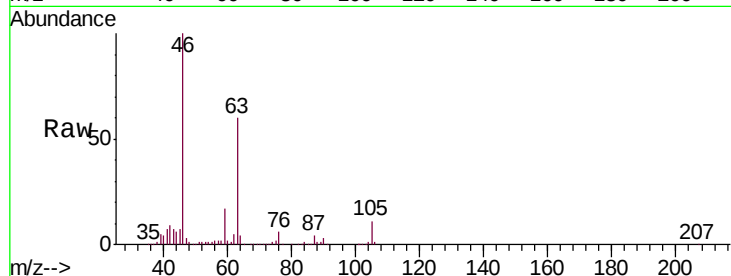
Ion Ratio Lower Upper

43 100

58 32.8 44.8 67.2#

57 30.5 15.5 23.3#

100 0.6 9.4 14.2#



#59

1,2,3-Trichloropropane

Concen: 5.036 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033669.D

Acq: 09 Aug 2019 04:09

Tgt Ion: 75 Resp: 19649

Ion Ratio Lower Upper

75 100

77 34.9 25.5 38.3

