

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080819\
 Data File : VU033671.D
 Acq On : 09 Aug 2019 04:55
 Operator : JC/SP
 Sample : K4215-15
 Misc : 4.19g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 09 14:40:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 09 14:36:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	327664	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	332164	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	162987	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	112812	30.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.00%
7) Chloroethane-d5	1.63	69	96260	30.75	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.50%#
11) 1,1-Dichloroethene-d2	2.22	63	192271	32.15	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.30%
21) 2-Butanone-d5	4.17	46	208826	77.09	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.09%
24) Chloroform-d	4.62	84	217531	35.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.98%
26) 1,2-Dichloroethane-d4	5.28	65	150923	38.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.36%
32) Benzene-d6	5.31	84	459679	37.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.22%
36) 1,2-Dichloropropane-d6	6.31	67	151254	38.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.80%
41) Toluene-d8	7.55	98	410391	35.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.68%#
43) trans-1,3-Dichloropropene-	7.83	79	66620	34.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.12%
47) 2-Hexanone-d5	8.31	63	164577	83.46	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.46%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	239145	38.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.62%
64) 1,2-Dichlorobenzene-d4	11.85	152	170080	38.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.40%#

Target Compounds

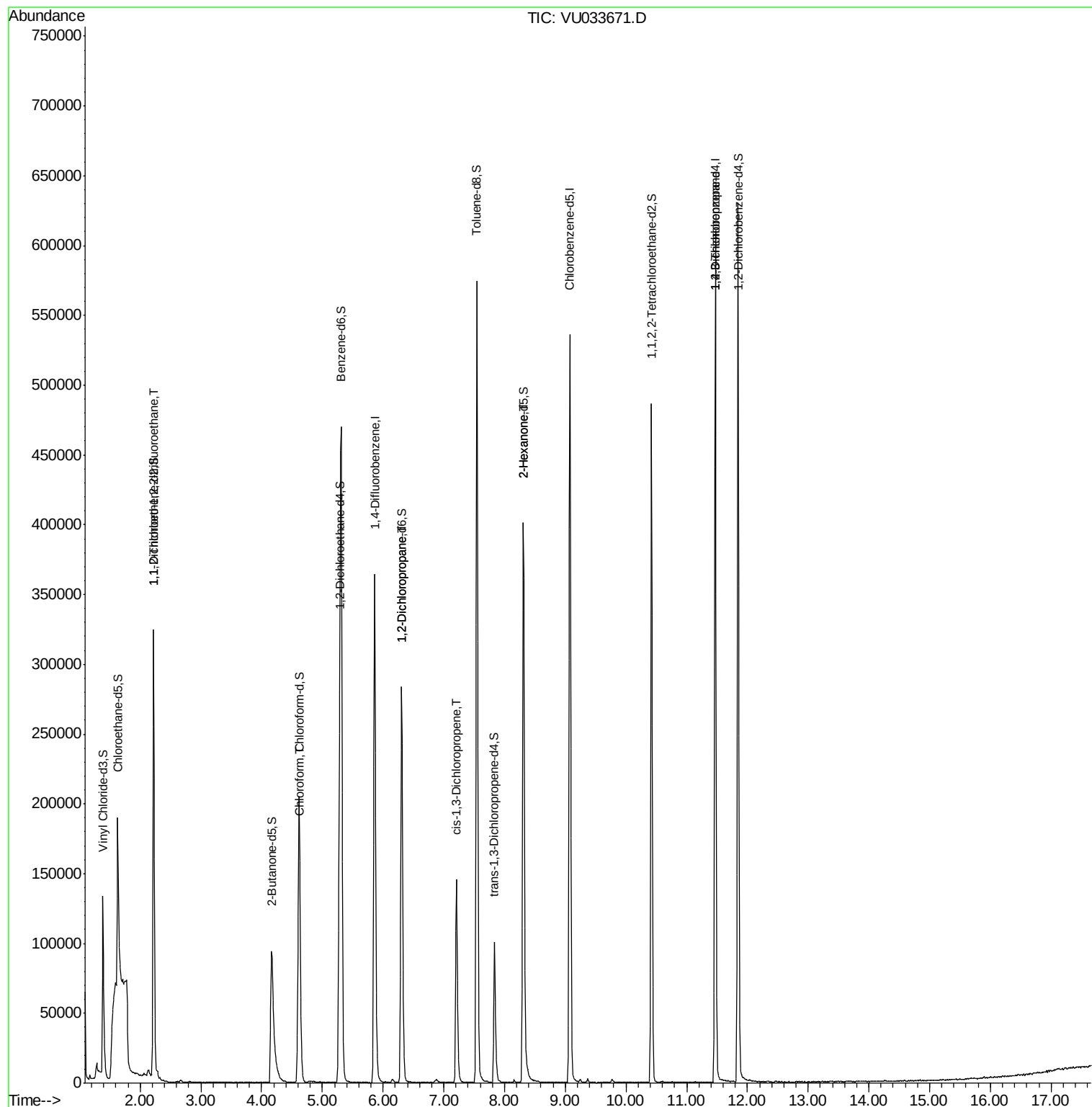
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.22	101	1768	0.728	ug/L #	19
25) Chloroform	4.64	83	8394	1.701	ug/L	95
37) 1,2-Dichloropropane	6.31	63	16733	5.904	ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	3907	0.926	ug/L #	64
48) 2-Hexanone	8.31	43	18949	5.590	ug/L #	68
59) 1,2,3-Trichloropropane	11.47	75	18964	4.901	ug/L	90

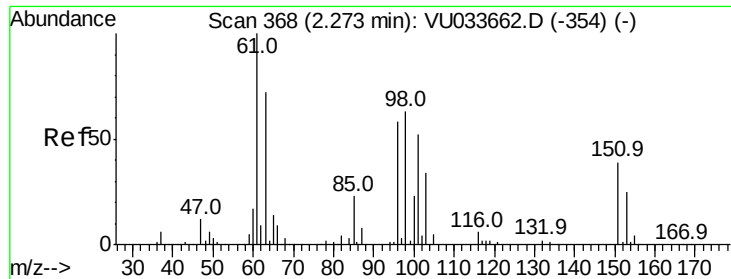
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 09 14:36:24 2019
Response via : Initial Calibration





#10

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

Concen: 0.728 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.05 min

Lab File: VU033671.D

Acq: 09 Aug 2019 04:55

Instrument :

MSVOA_U

ClientSampleId :

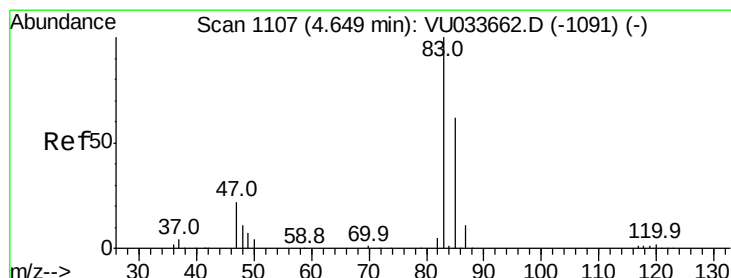
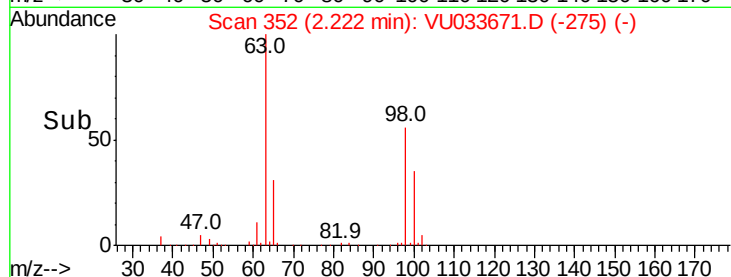
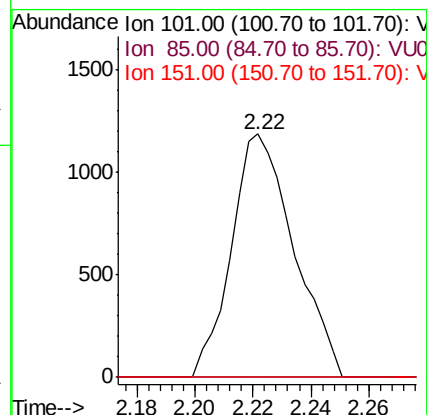
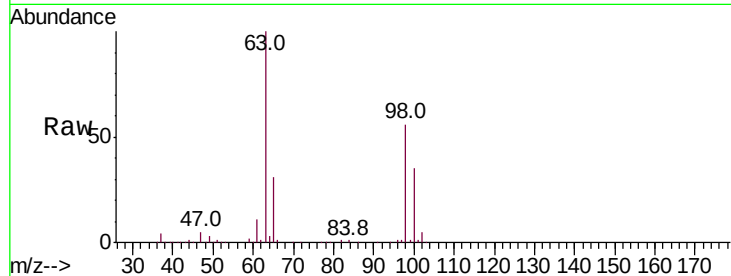
Tot Ion:101 Resp: 1768

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

151 0.0 60.4 90.6#



#25

Chloroform

Concen: 1.701 ug/L

RT: 4.64 min Scan# 1104

Delta R.T. -0.01 min

Lab File: VU033671.D

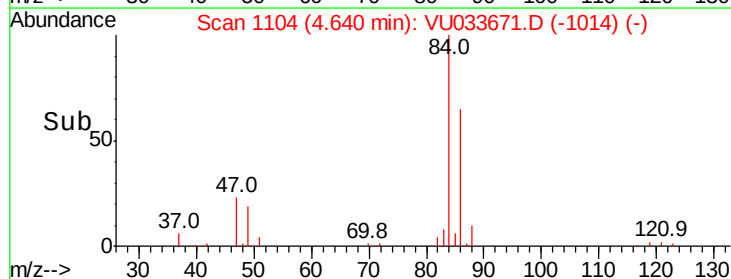
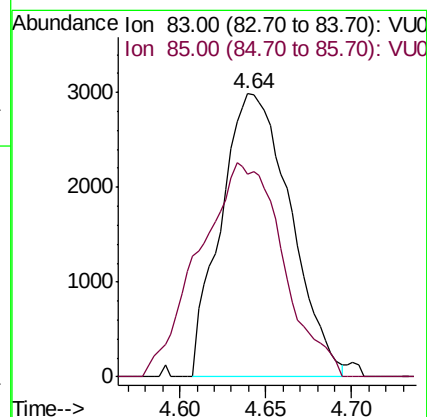
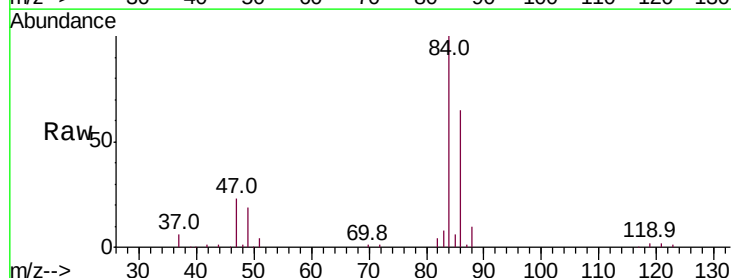
Acq: 09 Aug 2019 04:55

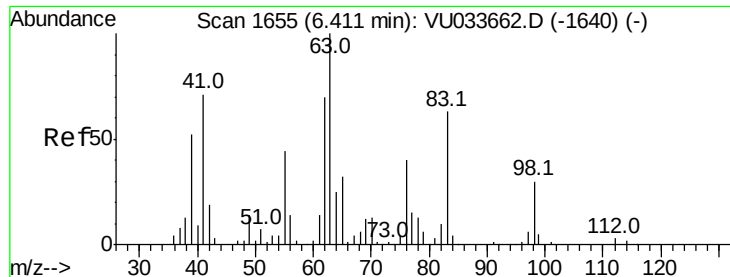
Tgt Ion: 83 Resp: 8394

Ion Ratio Lower Upper

83 100

85 71.8 47.2 87.6

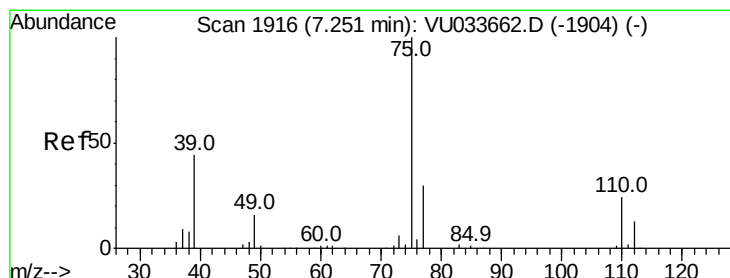
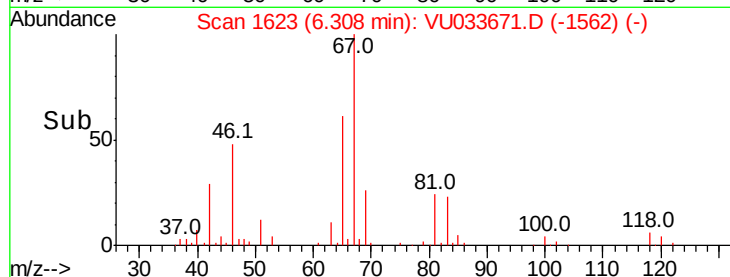
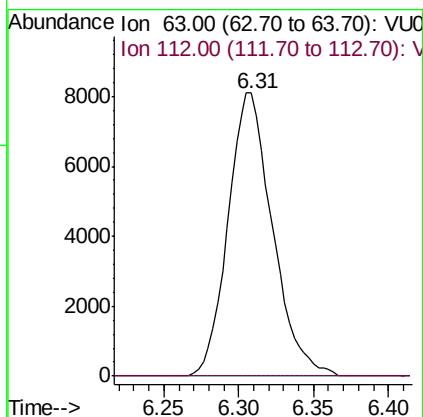
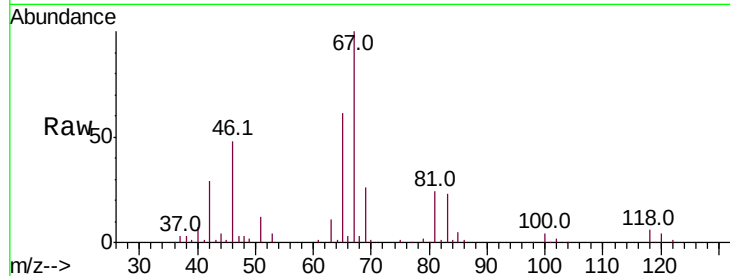




#37
 1,2-Dichloropropane
 Concen: 5.904 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU033671.D
 Acq: 09 Aug 2019 04:55

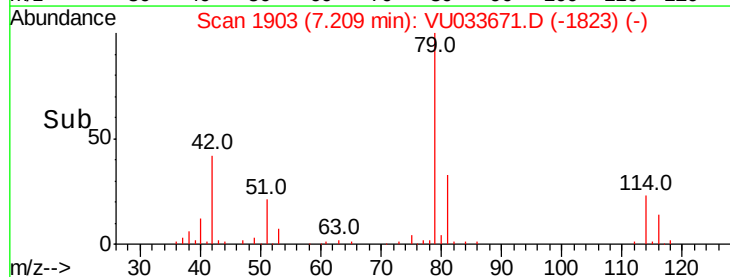
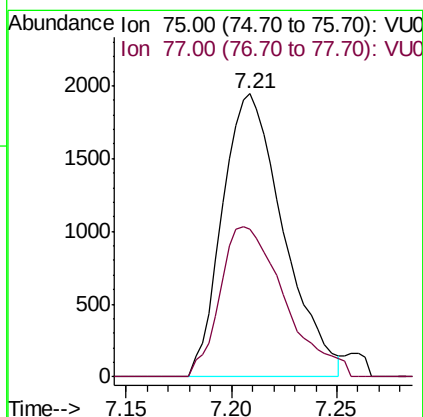
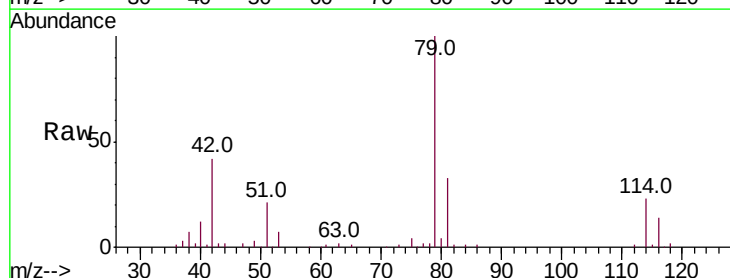
Instrument :
 MSVOA_U
 ClientSampleId :

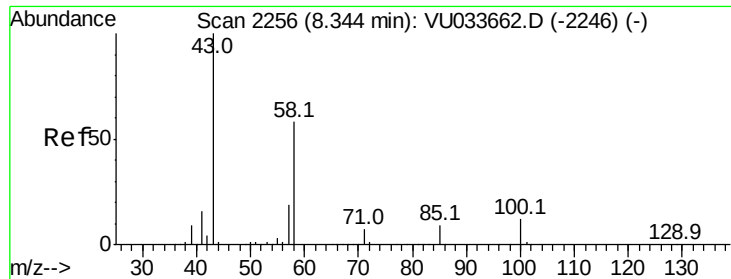
Tot Ion: 63 Resp: 16733
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.926 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU033671.D
 Acq: 09 Aug 2019 04:55

Tgt Ion: 75 Resp: 3907
 Ion Ratio Lower Upper
 75 100
 77 52.1 22.5 41.9#





#48

2-Hexanone

Concen: 5.590 ug/L

RT: 8.31 min Scan# 2246

Delta R.T. -0.03 min

Lab File: VU033671.D

Acq: 09 Aug 2019 04:55

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 18949

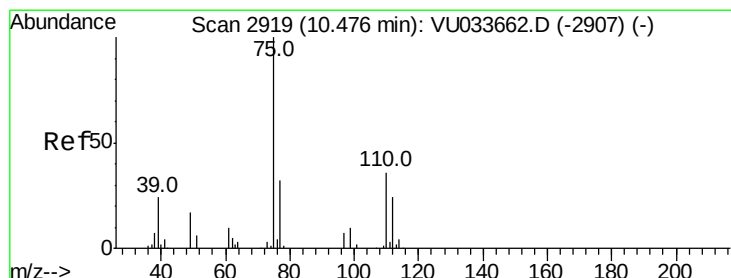
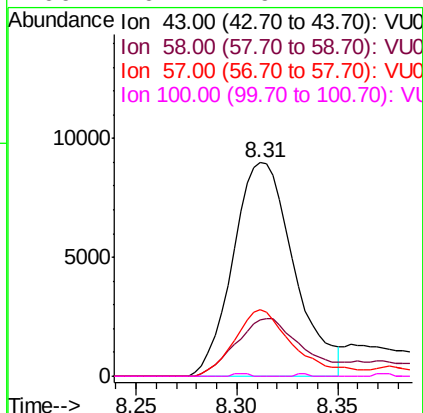
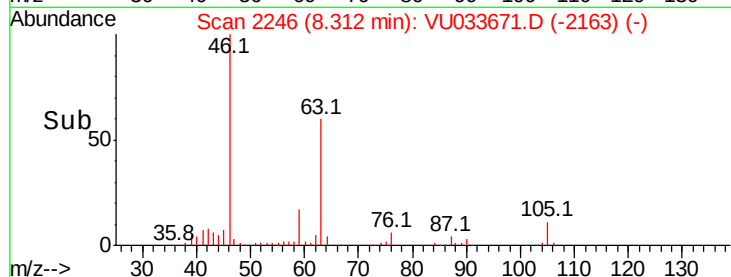
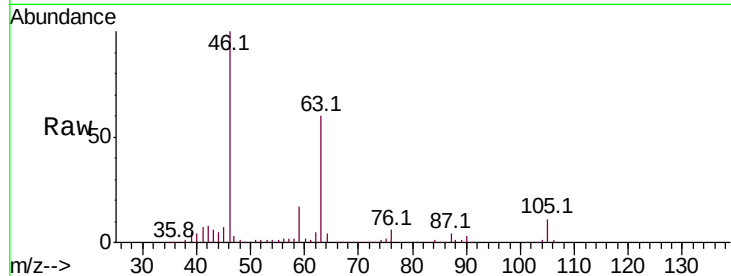
Ion Ratio Lower Upper

43 100

58 29.1 44.8 67.2#

57 29.1 15.5 23.3#

100 0.4 9.4 14.2#



#59

1,2,3-Trichloropropane

Concen: 4.901 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033671.D

Acq: 09 Aug 2019 04:55

Tgt Ion: 75 Resp: 18964

Ion Ratio Lower Upper

75 100

77 37.5 25.5 38.3

