

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
 Data File : VW011811.D
 Acq On : 09 Aug 2019 14:21
 Operator : SY/VA
 Sample : K4215-16
 Misc : 3.85G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOC9

Quant Time: Aug 10 03:47:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 03:43:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	215284	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	168432	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	57898	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	69824	23.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.12%
7) Chloroethane-d5	2.89	69	59728	27.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.40%
10) 1,1-Dichloroethene-d2	4.02	63	109610	15.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.08%
20) 2-Butanone-d5	7.08	46	66026	48.37	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.74%
24) Chloroform-d	7.65	84	169849	28.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.92%
26) 1,2-Dichloroethane-d4	8.31	65	108976	31.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	124.56%
29) Benzene-d6	8.27	84	302262	28.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.16%
33) 1,2-Dichloropropane-d6	9.27	67	114516	33.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	133.96%#
37) Toluene-d8	10.32	98	208776	22.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.84%
38) trans-1,3-Dichloropropene-	10.58	79	37765	25.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.80%
39) 2-Hexanone-d5	10.93	63	42127	52.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	85278	30.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.12%#
61) 1,2-Dichlorobenzene-d4	13.85	152	58836	26.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.48%

Target Compounds

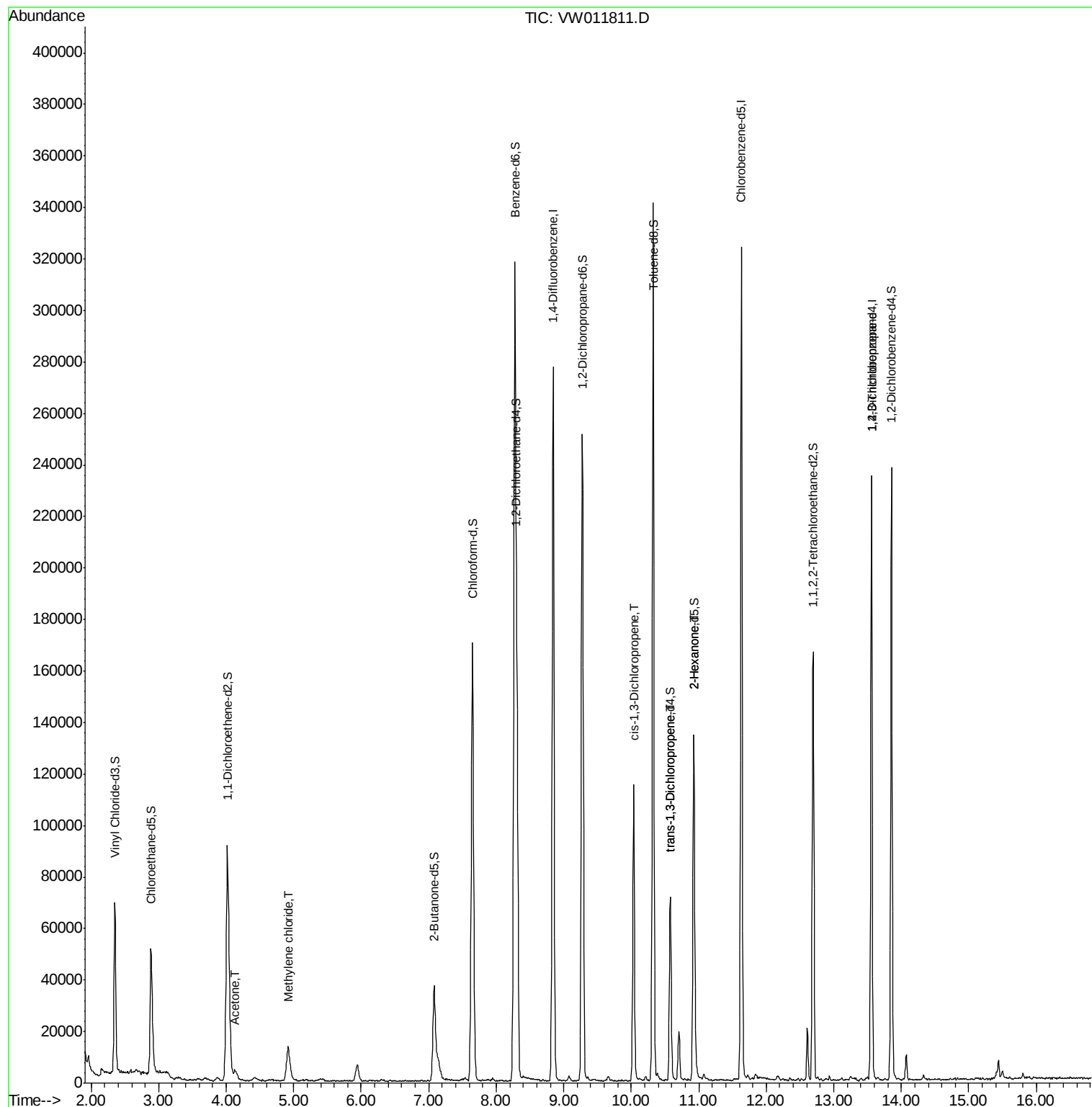
					Qvalue
13) Acetone	4.13	43	6222	4.256 ug/L	81
16) Methylene chloride	4.92	84	9710	2.890 ug/L	94
42) cis-1,3-Dichloropropene	10.04	75	2939	0.624 ug/L	93
45) trans-1,3-Dichloropropene	10.58	75	1963	0.501 ug/L #	70
49) 2-Hexanone	10.93	43	6897	3.136 ug/L #	69
59) 1,2,3-Trichloropropane	13.56	75	7742	3.516 ug/L	93

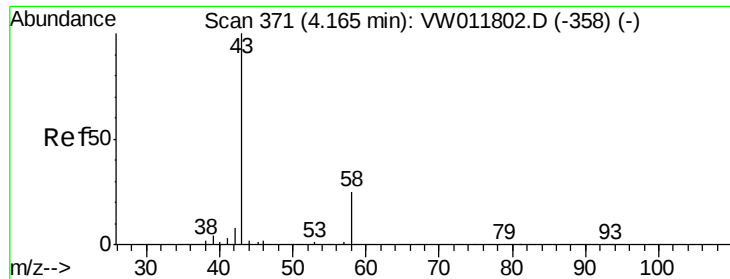
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 10 03:43:50 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.256 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

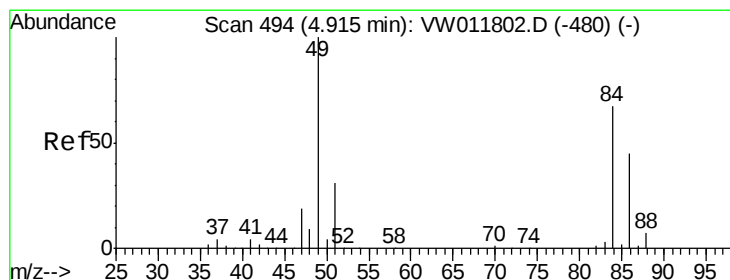
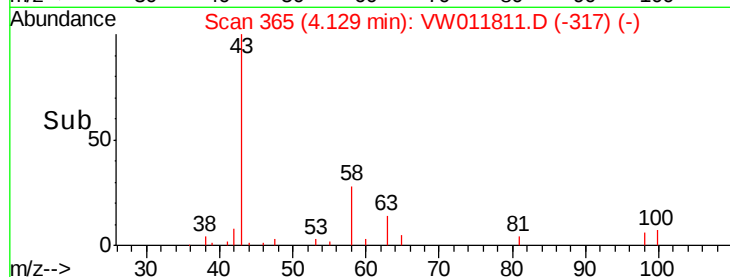
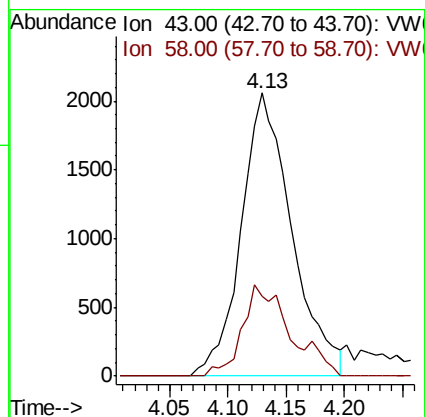
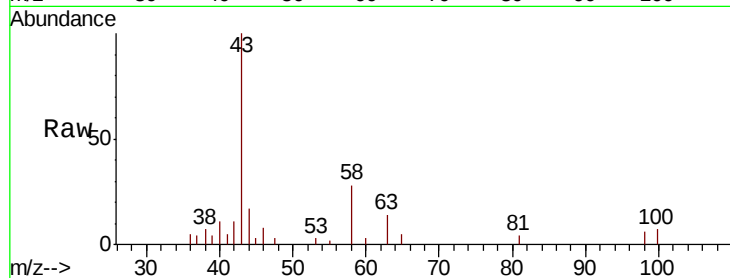
ETOC9

Tgt Ion: 43 Resp: 6222

Ion Ratio Lower Upper

43 100

58 17.1 0.0 53.4



#16

Methylene chloride

Concen: 2.890 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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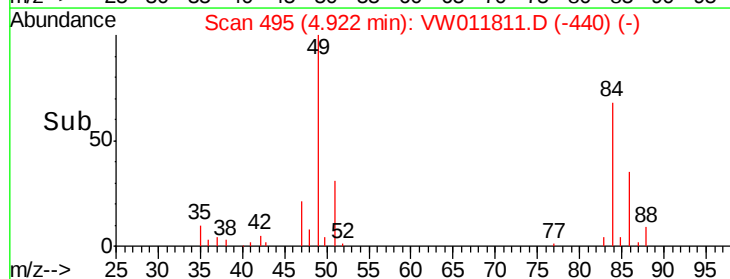
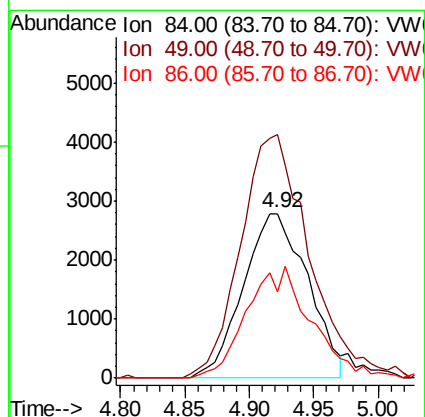
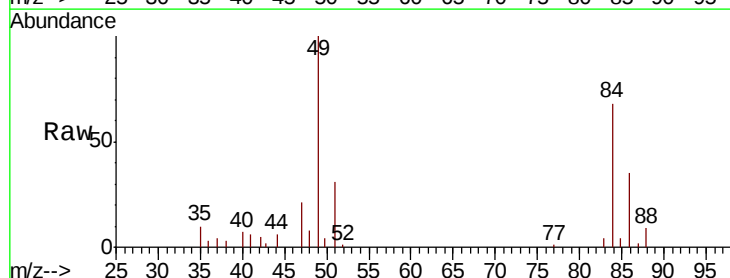
Tgt Ion: 84 Resp: 9710

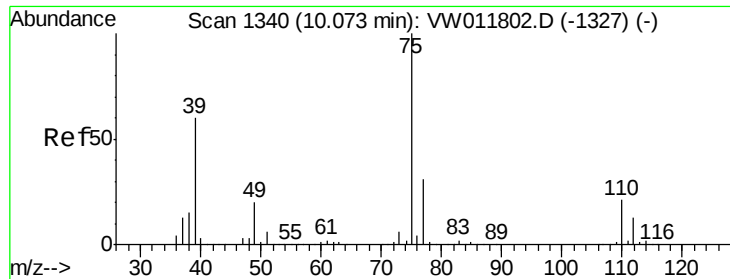
Ion Ratio Lower Upper

84 100

49 147.8 106.8 198.4

86 52.0 42.8 79.4





#42

cis-1,3-Dichloropropene

Concen: 0.624 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

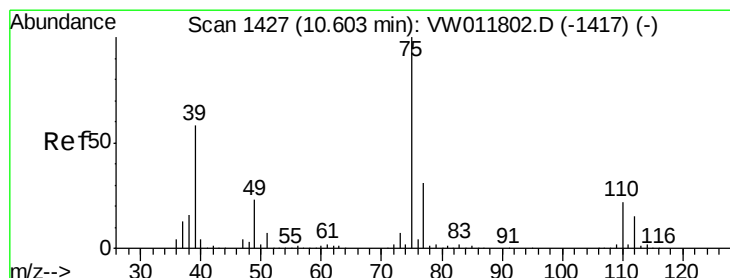
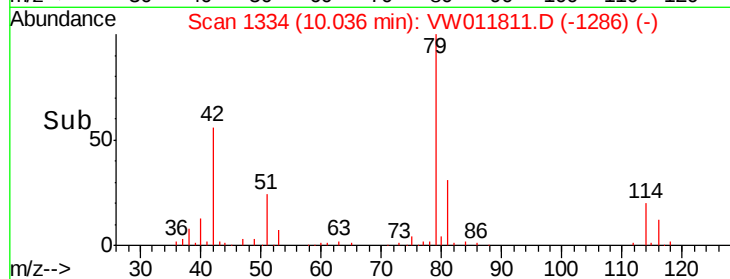
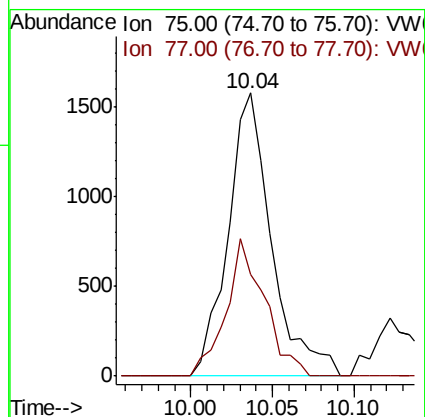
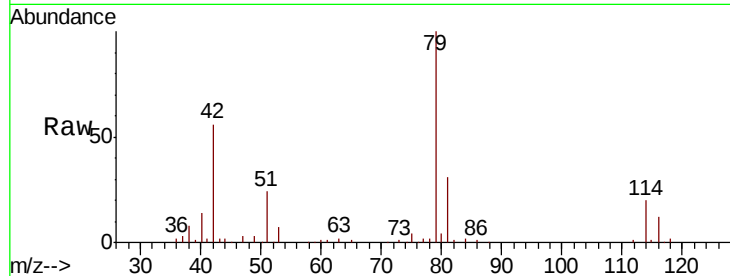
ETOC9

Tgt Ion: 75 Resp: 2939

Ion Ratio Lower Upper

75 100

77 35.9 22.3 41.3



#45

trans-1,3-Dichloropropene

Concen: 0.501 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW011811.D

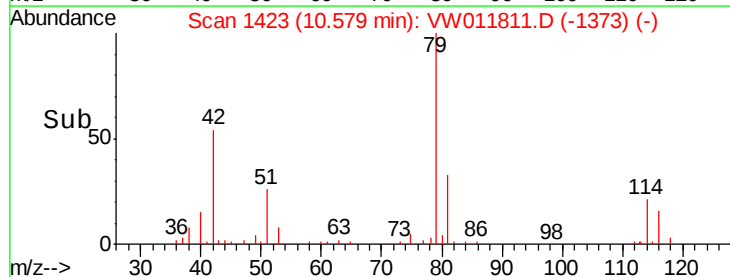
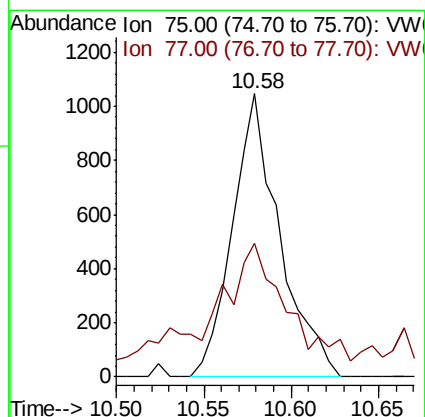
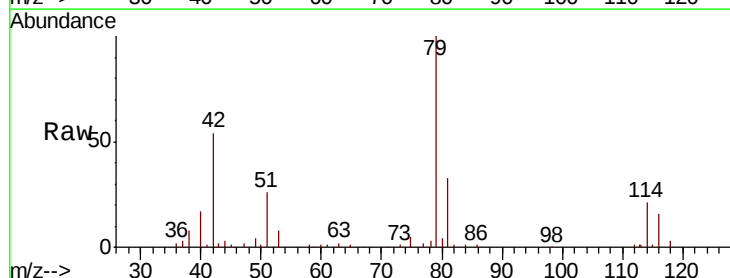
Acq: 09 Aug 2019 14:21

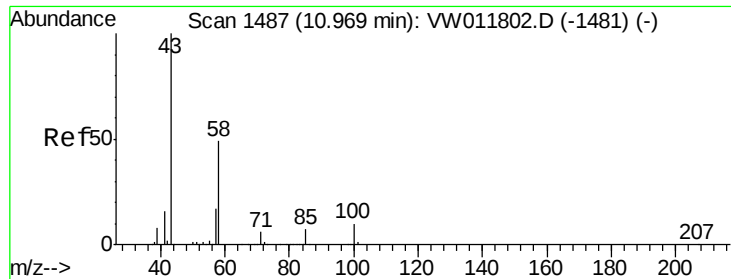
Tgt Ion: 75 Resp: 1963

Ion Ratio Lower Upper

75 100

77 47.0 21.6 40.0#





#49

2-Hexanone

Concen: 3.136 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW011811.D

Acq: 09 Aug 2019 14:21

Instrument :

MSVOA_W

ClientSampleId :

ETOC9

Tgt Ion: 43 Resp: 6897

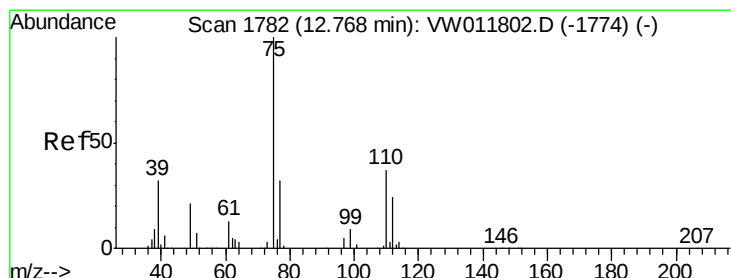
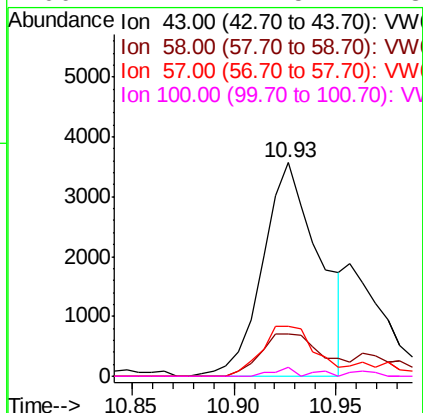
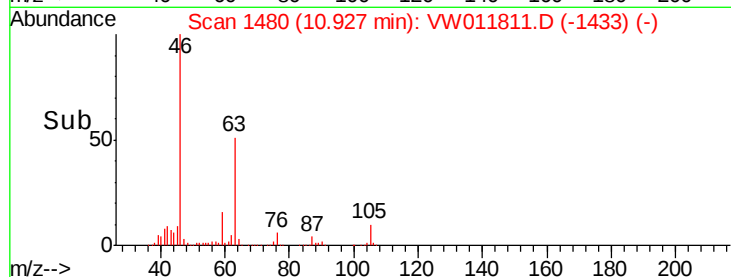
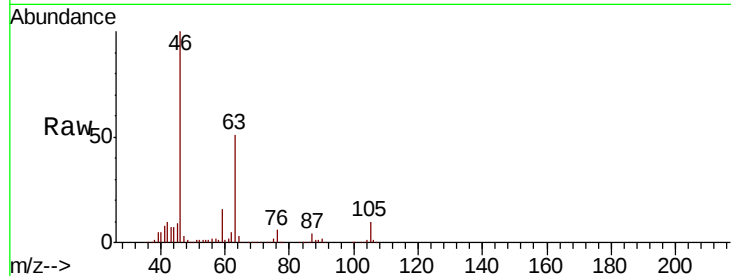
Ion Ratio Lower Upper

43 100

58 22.2 38.6 57.8#

57 22.1 13.0 19.6#

100 1.4 7.5 11.3#



#59

1,2,3-Trichloropropane

Concen: 3.516 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW011811.D

Acq: 09 Aug 2019 14:21

Tgt Ion: 75 Resp: 7742

Ion Ratio Lower Upper

75 100

77 35.5 25.1 37.7

