

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040519\
 Data File : VW009703.D
 Acq On : 05 Apr 2019 01:09
 Operator : SY/VA
 Sample : K2276-01
 Misc : 6.31G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF128

Quant Time: Apr 05 05:35:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 05:32:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	474365	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	450111	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	194141	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	172877	27.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.40%
7) Chloroethane-d5	2.89	69	154700	27.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.80%
10) 1,1-Dichloroethene-d2	4.01	63	287692	21.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.20%
20) 2-Butanone-d5	7.07	46	91270	45.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.58%
24) Chloroform-d	7.64	84	363014	28.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.16%
26) 1,2-Dichloroethane-d4	8.30	65	215129	27.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.28%
29) Benzene-d6	8.27	84	684107	28.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.80%
33) 1,2-Dichloropropane-d6	9.27	67	208518	28.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.28%
37) Toluene-d8	10.32	98	609704	27.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.64%
38) trans-1,3-Dichloropropene-	10.57	79	85264	24.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.00%
39) 2-Hexanone-d5	10.92	63	61175	44.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	158659	23.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	206814	30.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	121.44%#

Target Compounds

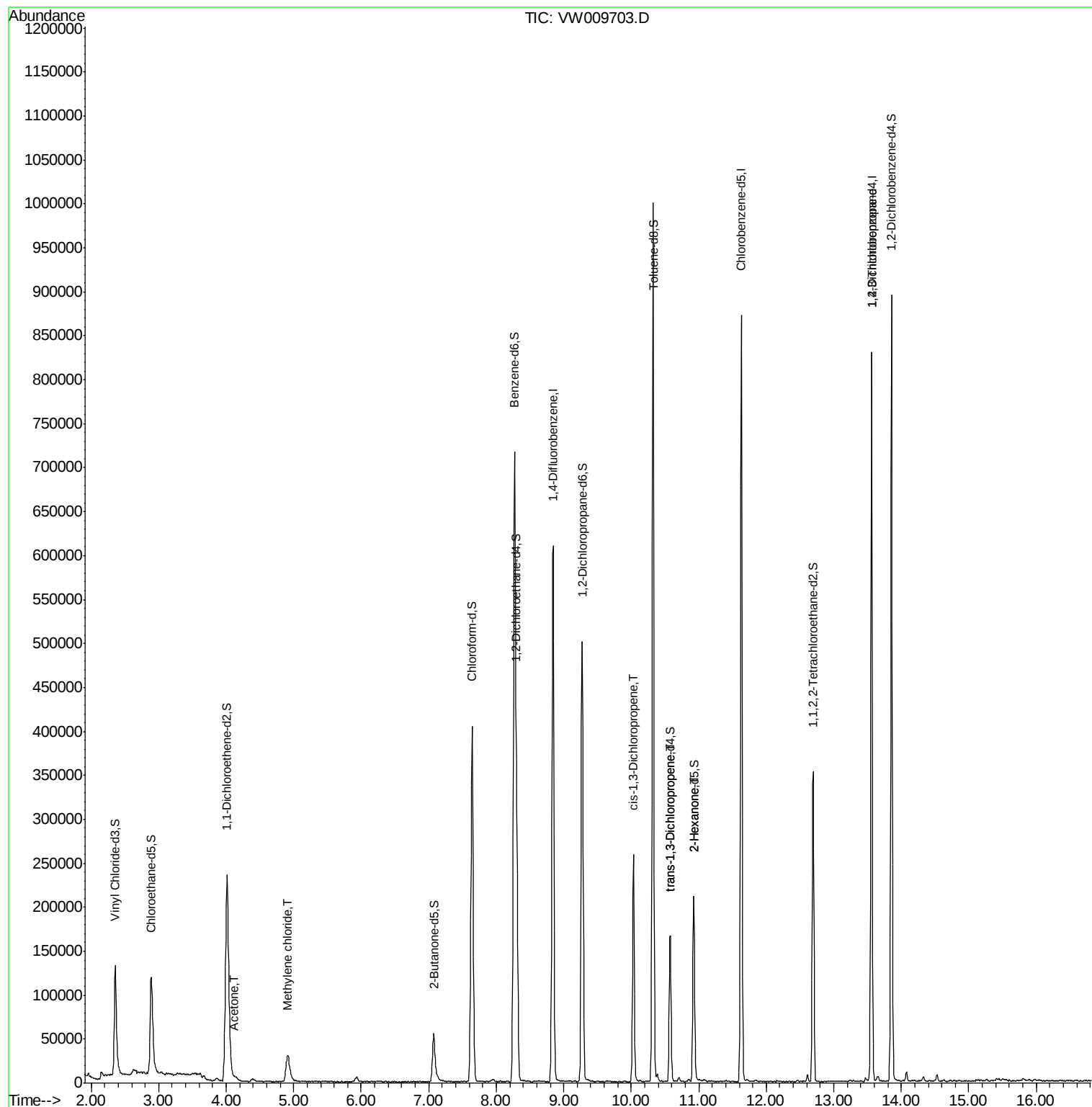
					Qvalue
13) Acetone	4.12	43	4009	1.856 ug/L	70
16) Methylene chloride	4.91	84	13956	1.668 ug/L	96
42) cis-1,3-Dichloropropene	10.03	75	7245	0.675 ug/L #	63
45) trans-1,3-Dichloropropene	10.58	75	4899	0.529 ug/L	92
49) 2-Hexanone	10.93	43	9835	2.453 ug/L #	51
59) 1,2,3-Trichloropropane	13.56	75	25541	4.904 ug/L	89

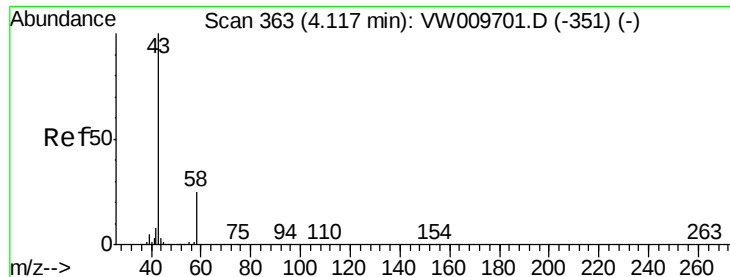
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 05 05:32:00 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.856 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009703.D

Acq: 05 Apr 2019 01:09

Instrument :

MSVOA_W

ClientSampled :

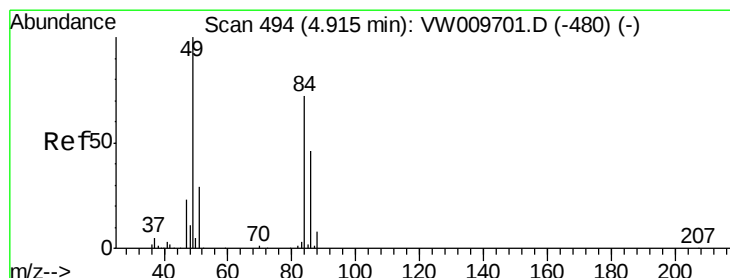
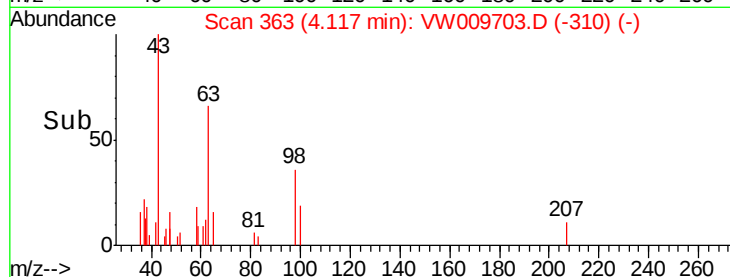
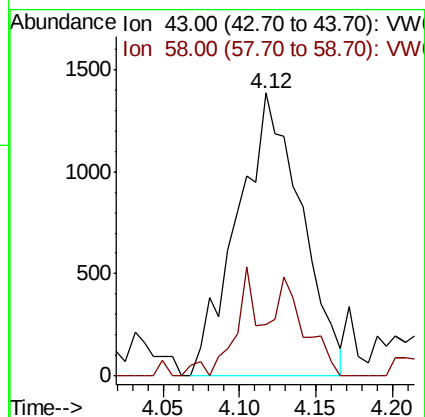
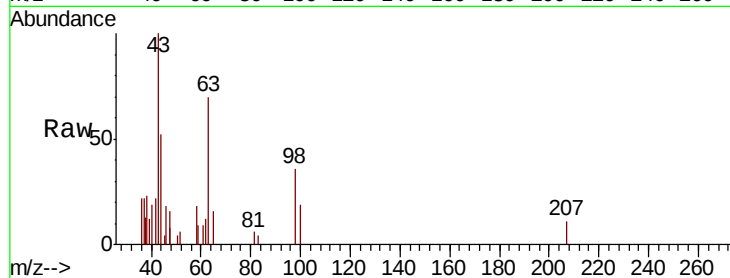
BF128

Tgt Ion: 43 Resp: 4009

Ion Ratio Lower Upper

43 100

58 11.1 0.0 53.0



#16

Methylene chloride

Concen: 1.668 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW009703.D

Acq: 05 Apr 2019 01:09

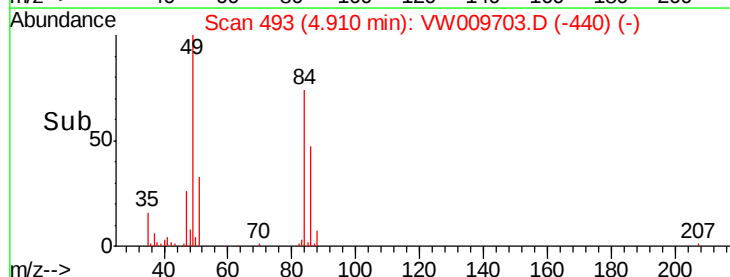
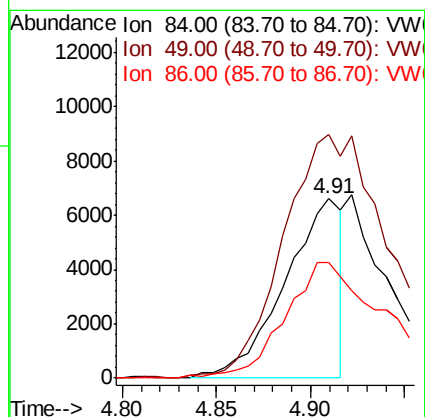
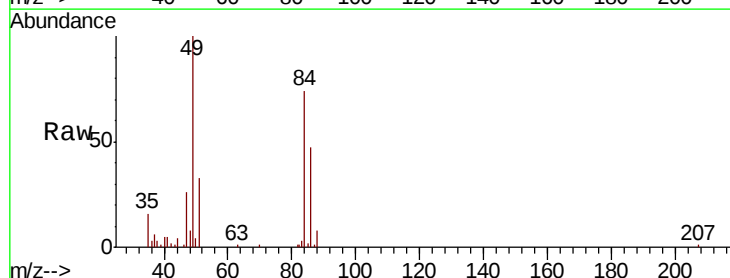
Tgt Ion: 84 Resp: 13956

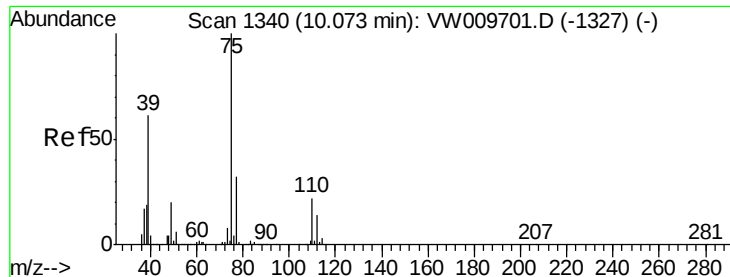
Ion Ratio Lower Upper

84 100

49 135.6 98.3 182.5

86 64.1 46.4 86.2





#42

cis-1,3-Dichloropropene

Concen: 0.675 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009703.D

Acq: 05 Apr 2019 01:09

Instrument :

MSVOA_W

ClientSampleId :

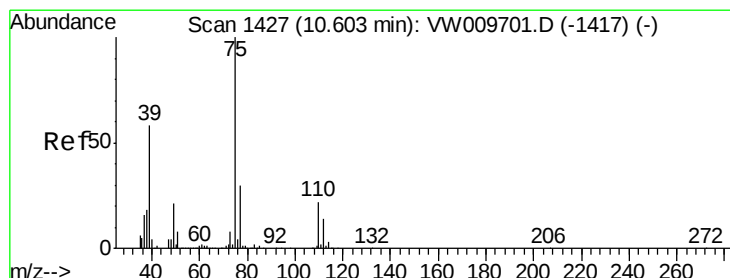
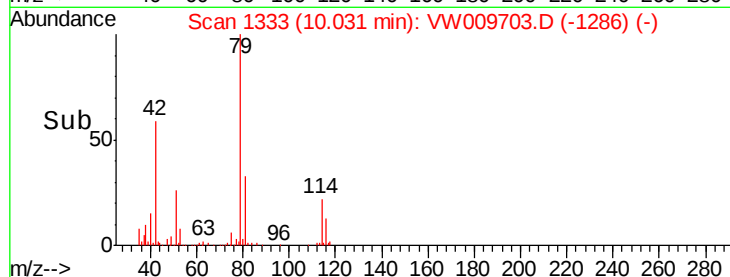
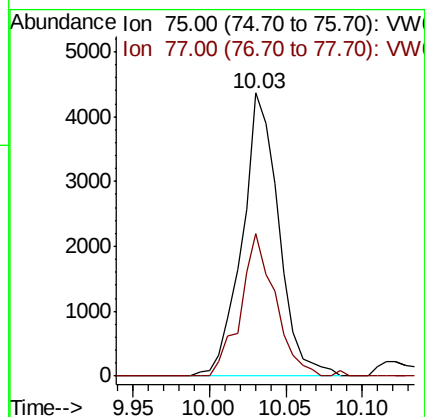
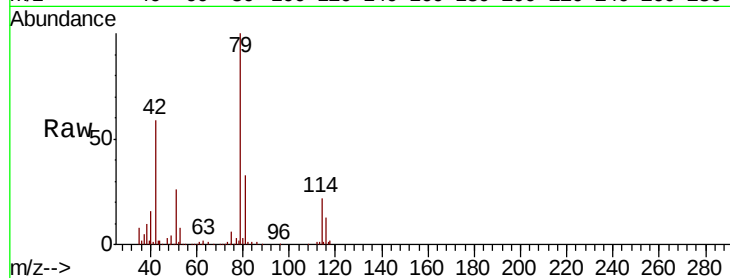
BF128

Tgt Ion: 75 Resp: 7245

Ion Ratio Lower Upper

75 100

77 50.2 21.0 39.0#



#45

trans-1,3-Dichloropropene

Concen: 0.529 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009703.D

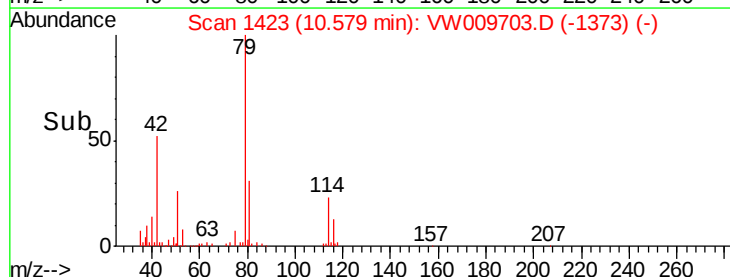
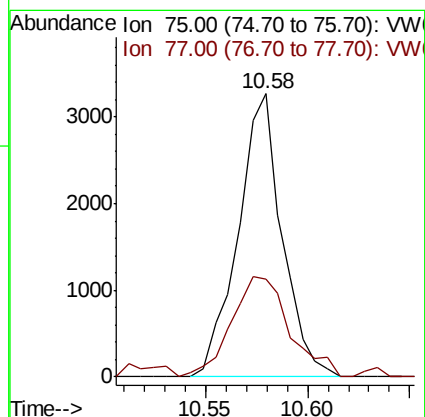
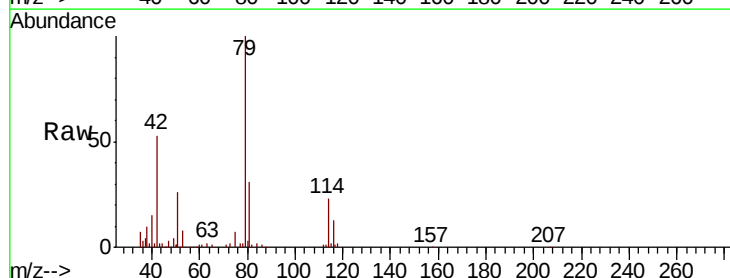
Acq: 05 Apr 2019 01:09

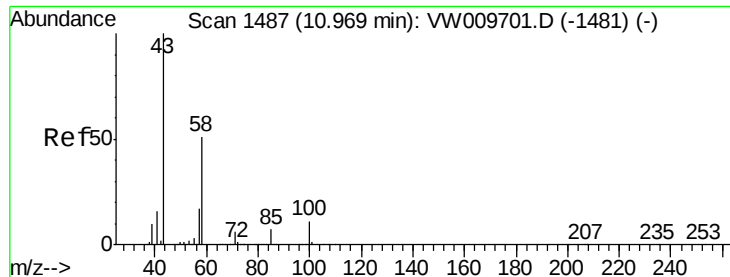
Tgt Ion: 75 Resp: 4899

Ion Ratio Lower Upper

75 100

77 34.5 21.1 39.3





#49

2-Hexanone

Concen: 2.453 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009703.D

Acq: 05 Apr 2019 01:09

Instrument :

MSVOA_W

ClientSampleId :

BF128

Tgt Ion: 43 Resp: 9835

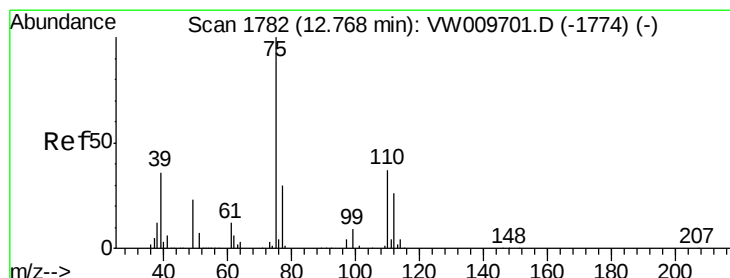
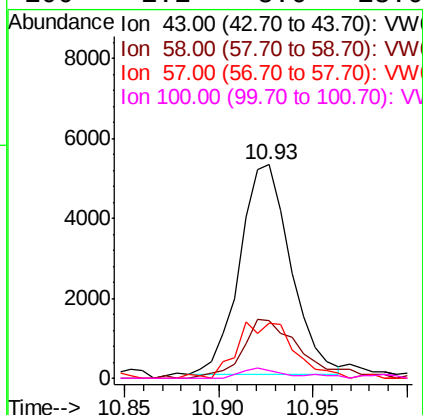
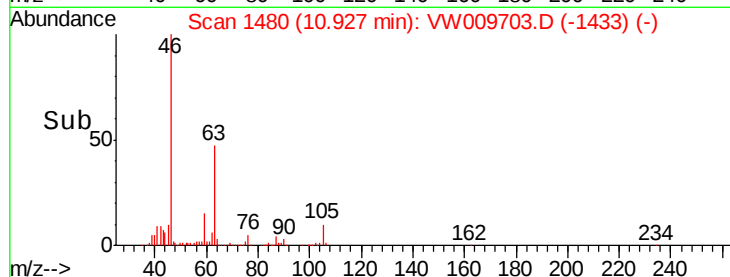
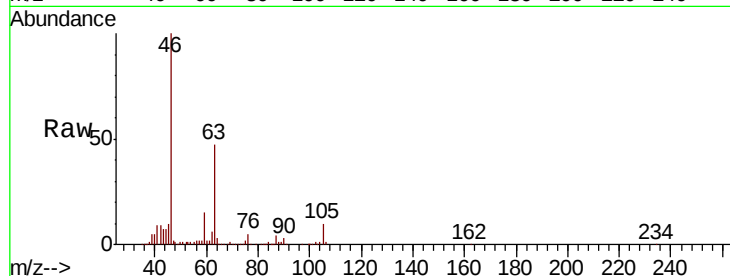
Ion Ratio Lower Upper

43 100

58 0.0 38.9 58.3#

57 16.6 13.8 20.6

100 1.1 8.6 13.0#



#59

1,2,3-Trichloropropane

Concen: 4.904 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009703.D

Acq: 05 Apr 2019 01:09

Tgt Ion: 75 Resp: 25541

Ion Ratio Lower Upper

75 100

77 38.7 26.2 39.2

