

Data File : VW014349.D
Acq On : 13 Dec 2019 15:03
Operator : SY/VA
Sample : K6254-15
Misc : 4.47G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0C46

Quant Time: Dec 14 04:31:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 14 04:28:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	709183	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	506257	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	118182	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	235332	21.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.64%
7) Chloroethane-d5	2.89	69	199941	25.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.16%
10) 1,1-Dichloroethene-d2	4.02	63	309829	16.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.32%
20) 2-Butanone-d5	7.07	46	93492	33.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.82%
24) Chloroform-d	7.65	84	478272	26.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.96%
26) 1,2-Dichloroethane-d4	8.52	65	125	0.01	ug/L	0.23
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	917300	30.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.68%
33) 1,2-Dichloropropane-d6	9.27	67	313553	34.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	137.40%#
37) Toluene-d8	10.32	98	667145	24.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.48%
38) trans-1,3-Dichloropropene-	10.58	79	72139	18.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.36%
39) 2-Hexanone-d5	10.92	63	69966	38.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	206329	27.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	122505	27.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.52%

Target Compounds

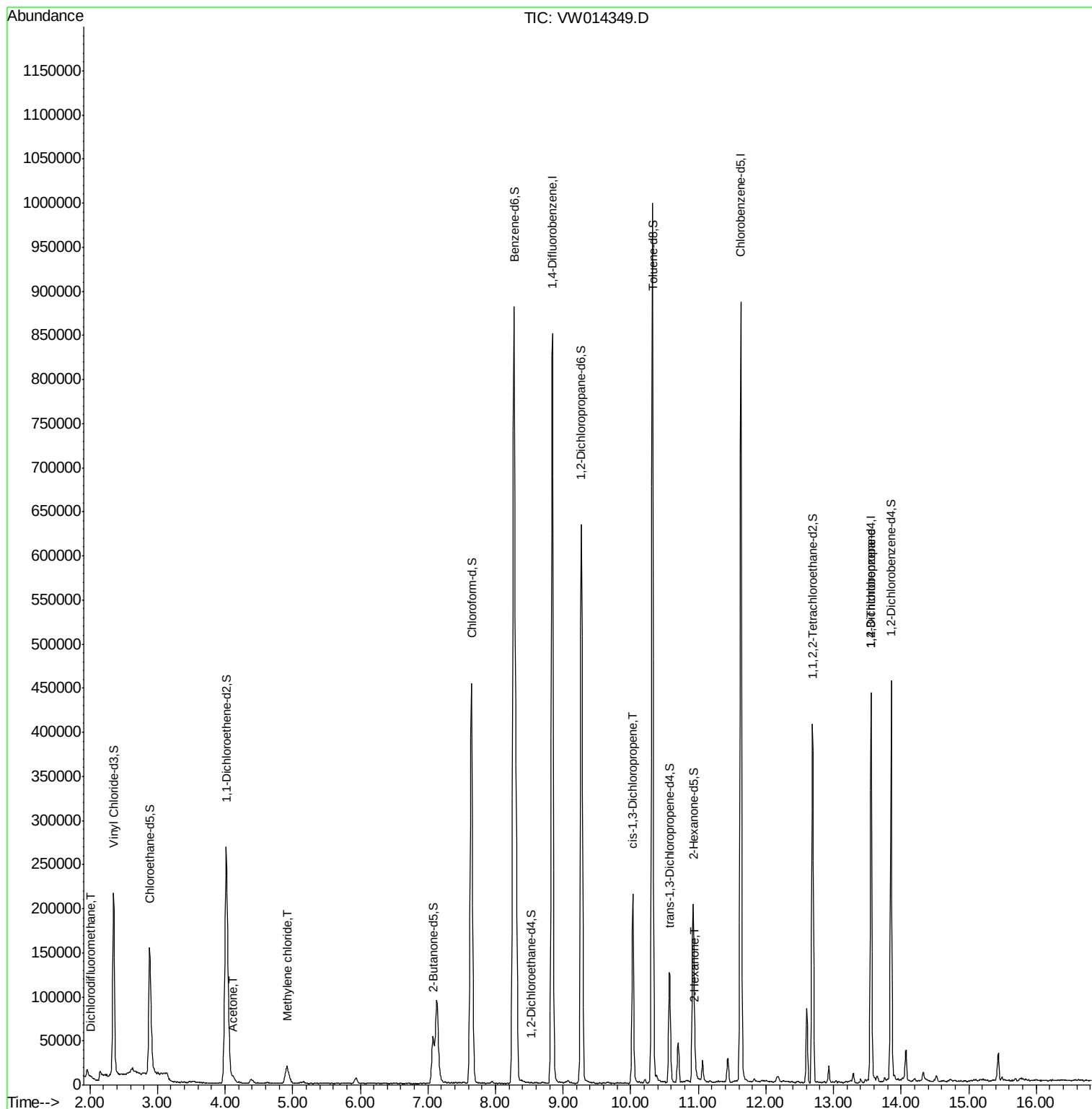
					Qvalue
2) Dichlorodifluoromethane	2.01	85	2183	0.324 ug/L	92
13) Acetone	4.12	43	10004	3.708 ug/L	96
16) Methylene chloride	4.92	84	17923	1.649 ug/L	92
42) cis-1,3-Dichloropropene	10.04	75	5119	0.415 ug/L #	79
49) 2-Hexanone	10.96	43	10415	2.694 ug/L #	47
59) 1,2,3-Trichloropropane	13.56	75	14371	2.525 ug/L	99

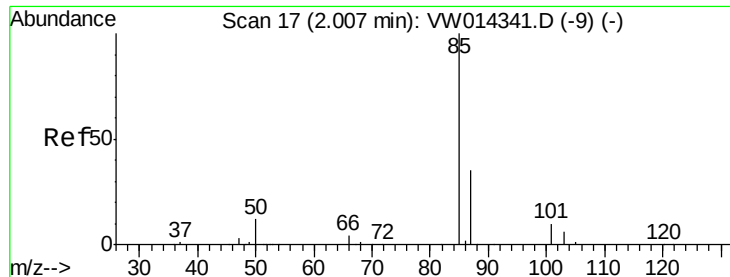
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.324 ug/L

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

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Acq: 13 Dec 2019 15:03

Instrument :

MSVOA_W

ClientSampleId :

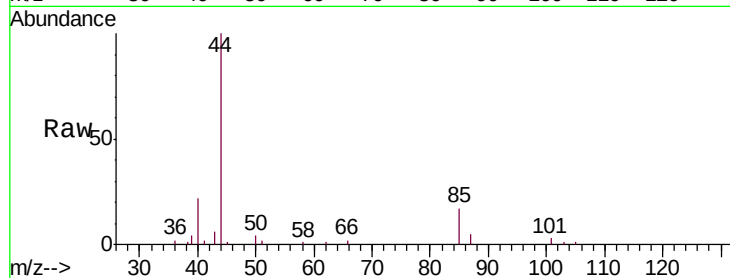
C0C46

Tgt Ion: 85 Resp: 2183

Ion Ratio Lower Upper

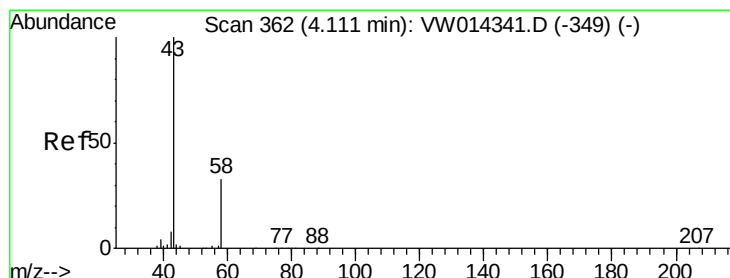
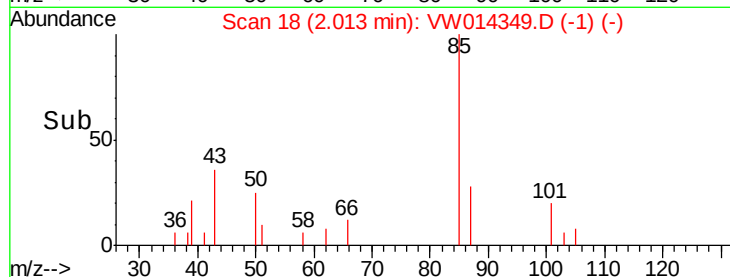
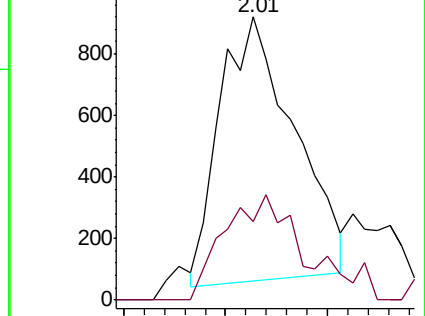
85 100

87 36.2 22.1 41.1



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW



#13

Acetone

Concen: 3.708 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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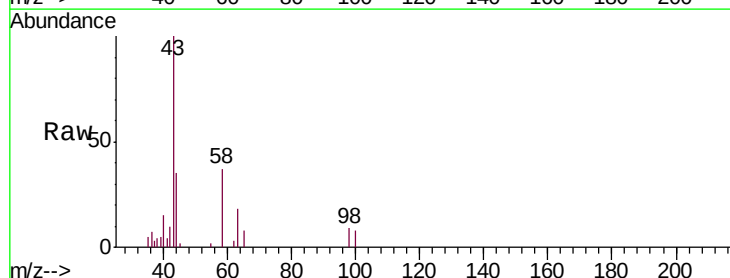
Acq: 13 Dec 2019 15:03

Tgt Ion: 43 Resp: 10004

Ion Ratio Lower Upper

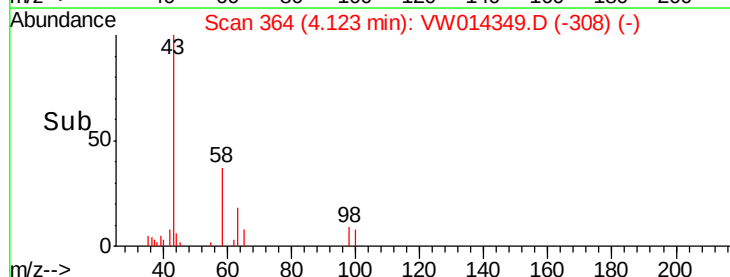
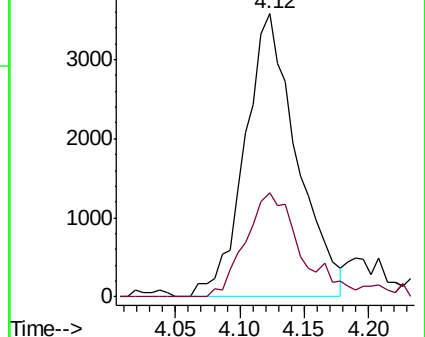
43 100

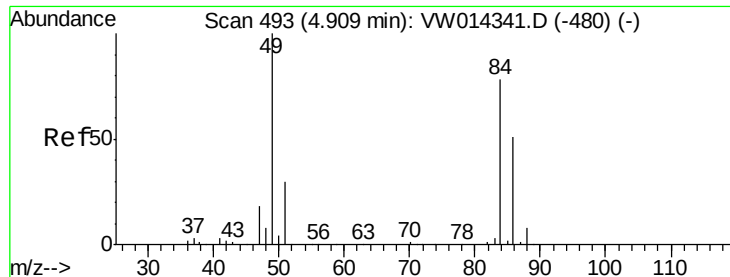
58 35.1 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

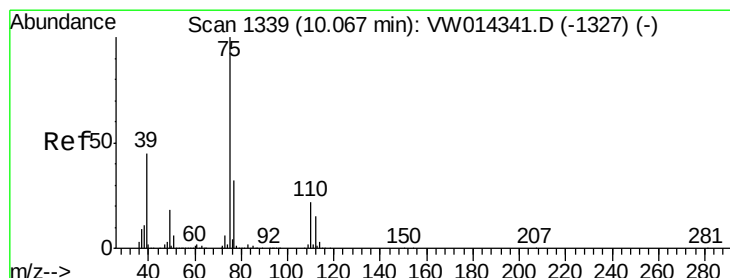
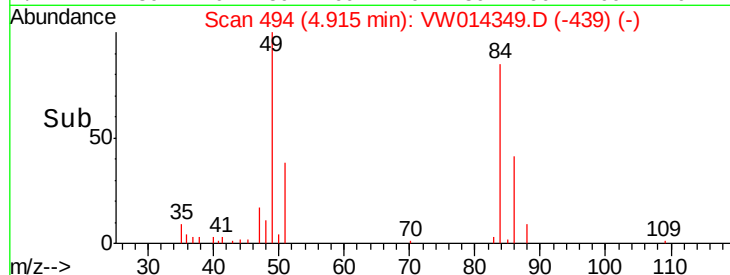
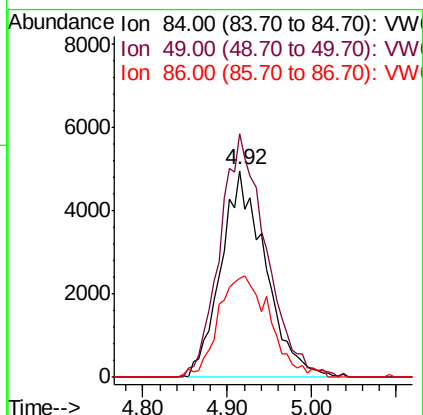
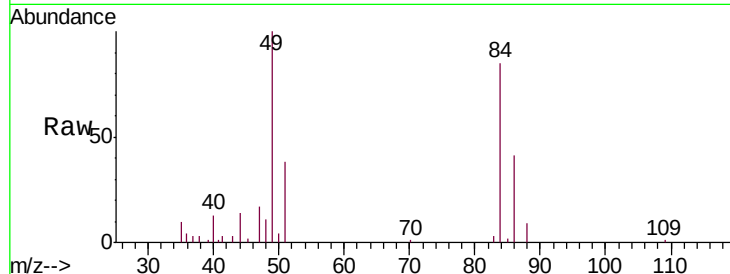




#16
Methylene chloride
Concen: 1.649 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014349.D
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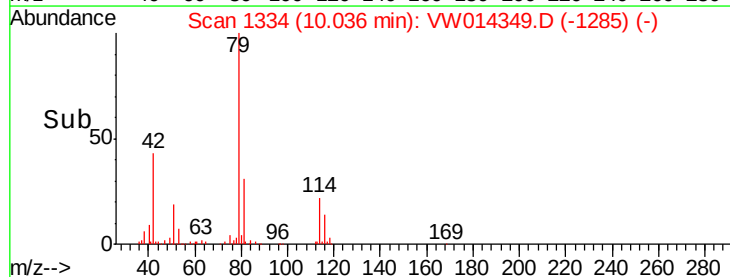
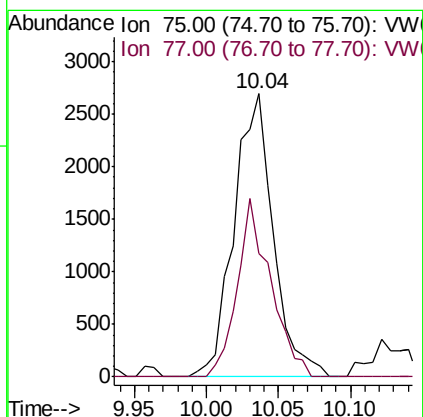
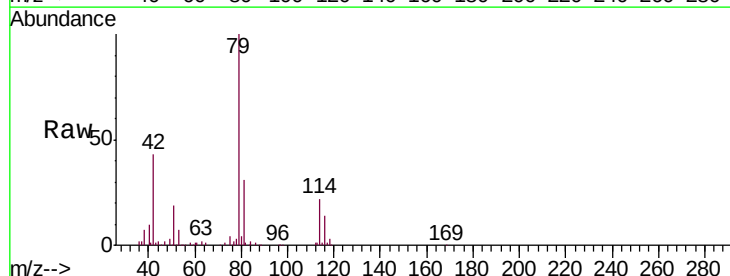
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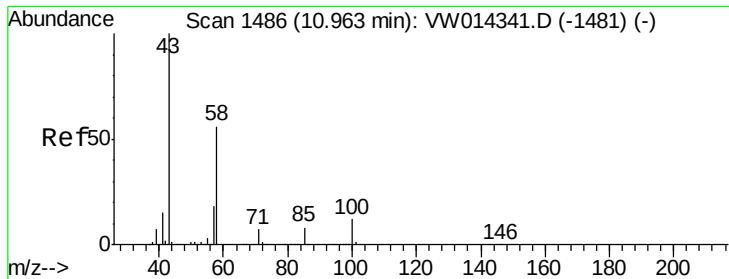
Tgt Ion: 84 Resp: 17923
Ion Ratio Lower Upper
84 100
49 117.8 84.2 156.4
86 47.8 43.7 81.1



#42
cis-1,3-Dichloropropene
Concen: 0.415 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.03 min
Lab File: VW014349.D
Acq: 13 Dec 2019 15:03

Tgt Ion: 75 Resp: 5119
Ion Ratio Lower Upper
75 100
77 43.4 22.1 41.1#





#49

2-Hexanone

Concen: 2.694 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW014349.D

Acq: 13 Dec 2019 15:03

Instrument :

MSVOA_W

ClientSampleId :

C0C46

Tgt Ion: 43 Resp: 10415

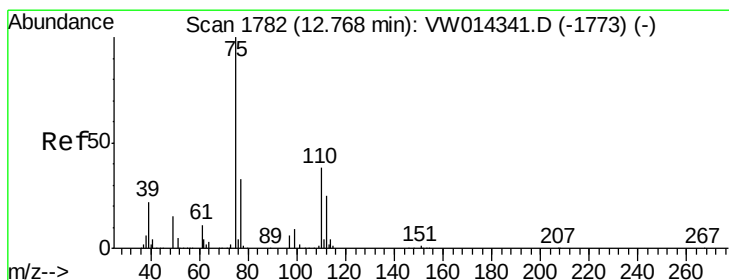
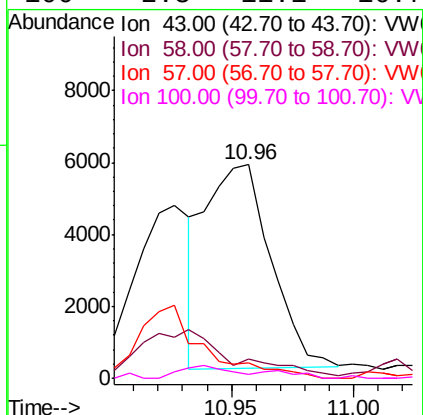
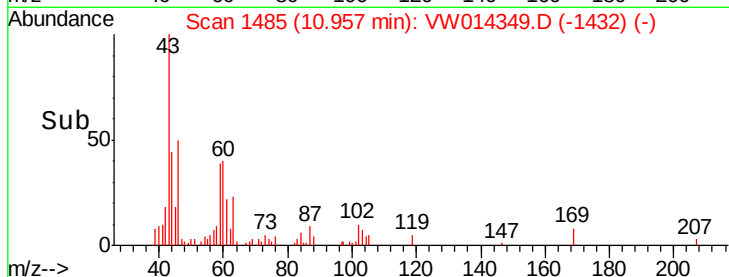
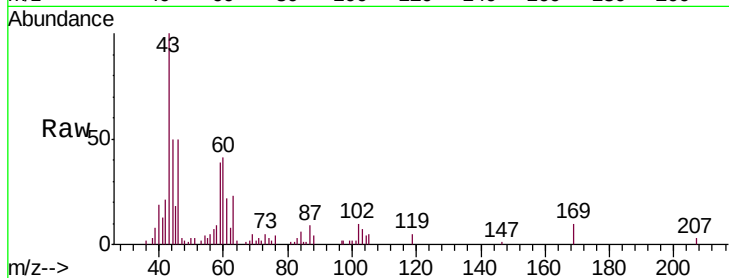
Ion Ratio Lower Upper

43 100

58 7.2 44.4 66.6#

57 4.1 16.5 24.7#

100 2.3 11.1 16.7#



#59

1,2,3-Trichloropropane

Concen: 2.525 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW014349.D

Acq: 13 Dec 2019 15:03

Tgt Ion: 75 Resp: 14371

Ion Ratio Lower Upper

75 100

77 33.2 25.9 38.9

