

Data File : VW009545.D
Acq On : 28 Mar 2019 18:24
Operator : SY/VA
Sample : K2084-19
Misc : 5.15G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF7W1

Quant Time: Mar 29 05:40:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	419091	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	410189	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	178458	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	150578	30.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.28%
7) Chloroethane-d5	2.89	69	140893	24.04	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.16%
10) 1,1-Dichloroethene-d2	4.01	63	228532	21.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.44%
20) 2-Butanone-d5	7.07	46	79683	38.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.94%
24) Chloroform-d	7.65	84	290374	25.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.56%
26) 1,2-Dichloroethane-d4	8.30	65	174597	25.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.36%
29) Benzene-d6	8.27	84	559103	24.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.88%
33) 1,2-Dichloropropane-d6	9.27	67	164764	24.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.00%
37) Toluene-d8	10.32	98	502304	24.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.04%
38) trans-1,3-Dichloropropene-	10.57	79	70525	20.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.68%
39) 2-Hexanone-d5	10.93	63	57971	35.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	135215	20.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	174397	25.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.96%

Target Compounds

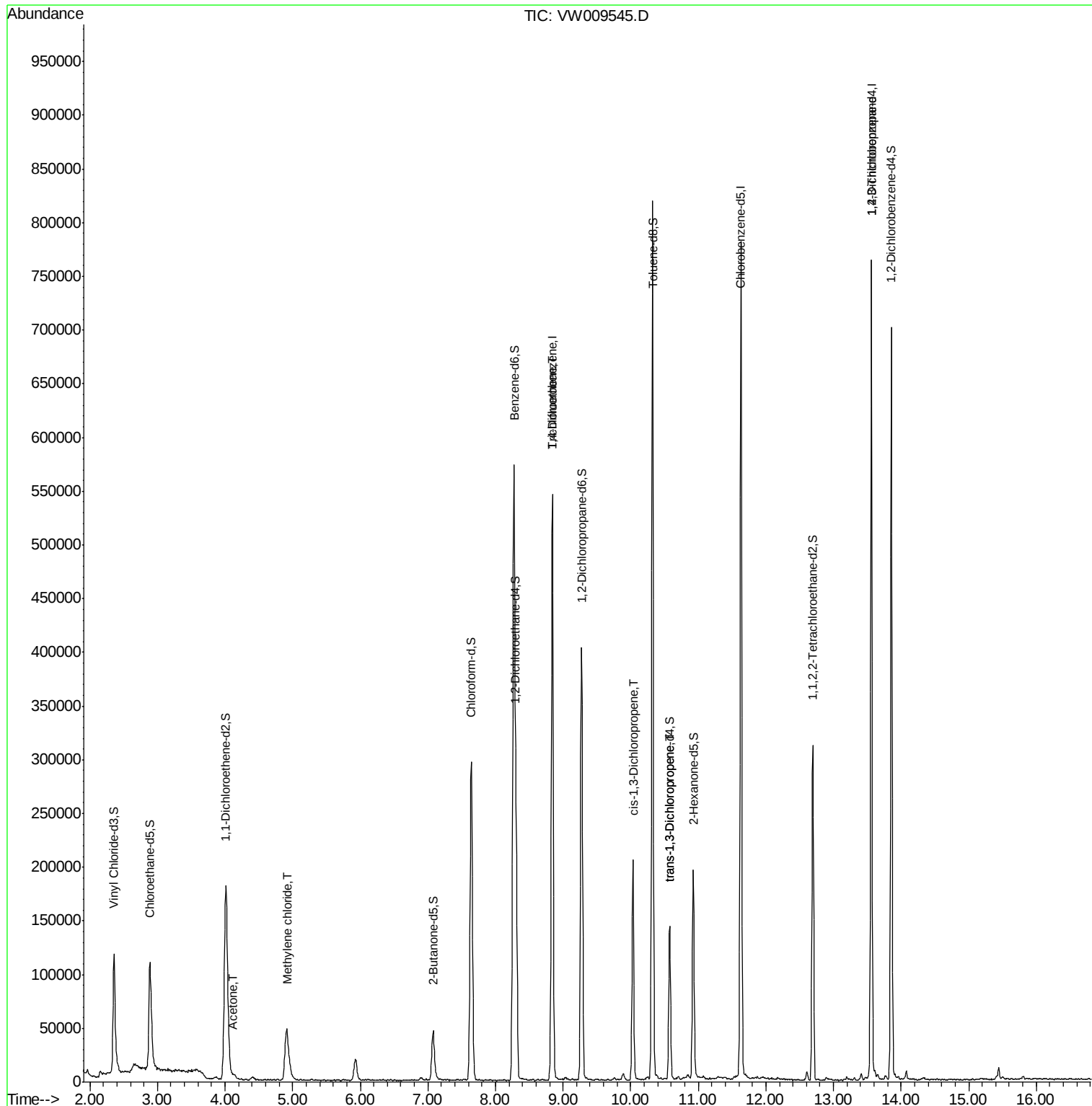
					Qvalue
13) Acetone	4.12	43	3689	2.172 ug/L	79
16) Methylene chloride	4.91	84	41101	6.725 ug/L	94
35) Trichloroethene	8.85	95	13127	2.194 ug/L #	4
42) cis-1,3-Dichloropropene	10.03	75	6419	0.684 ug/L #	81
45) trans-1,3-Dichloropropene	10.57	75	3872	0.474 ug/L	92
59) 1,2,3-Trichloropropane	13.56	75	24168	5.252 ug/L	89

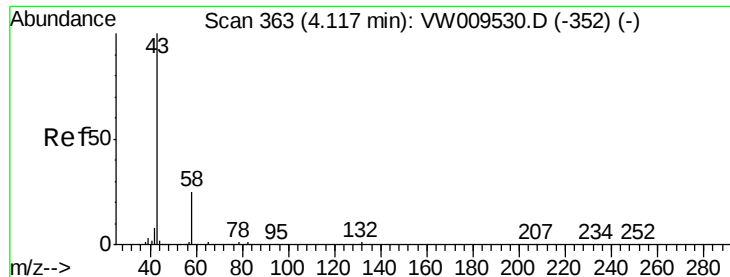
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.172 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

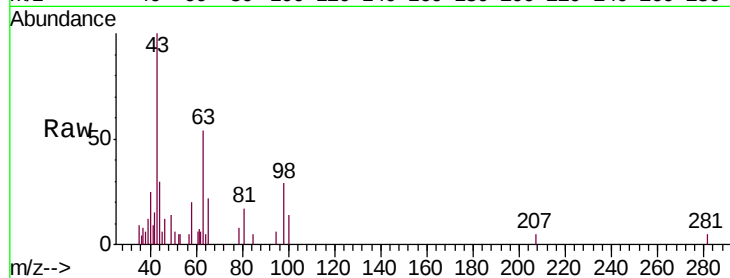
BF7W1

Tgt Ion: 43 Resp: 3689

Ion Ratio Lower Upper

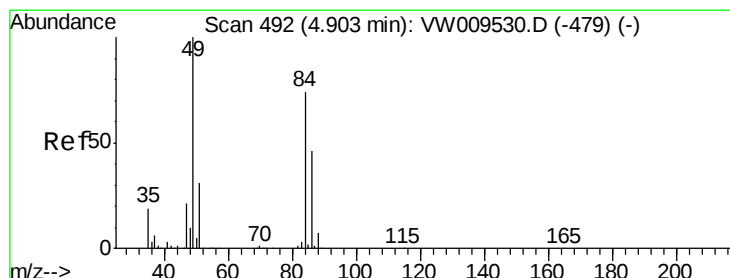
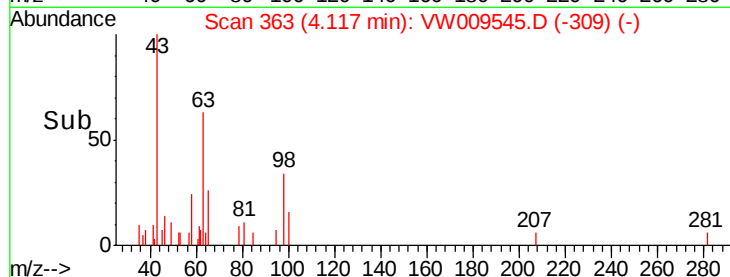
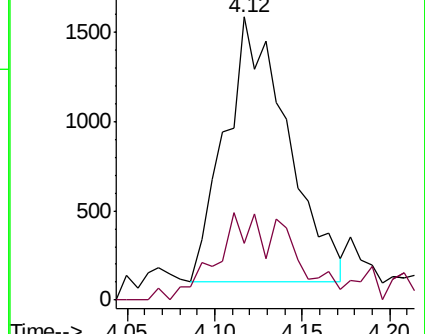
43 100

58 17.3 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 6.725 ug/L

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

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Acq: 28 Mar 2019 18:24

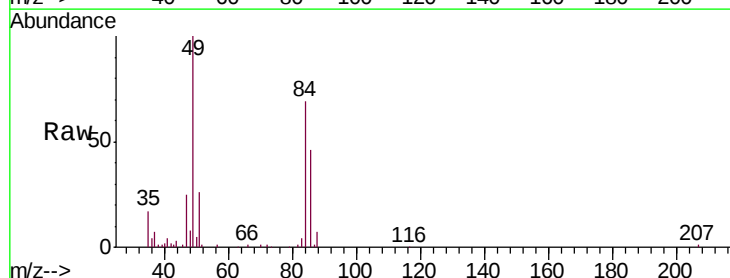
Tgt Ion: 84 Resp: 41101

Ion Ratio Lower Upper

84 100

49 144.7 96.0 178.2

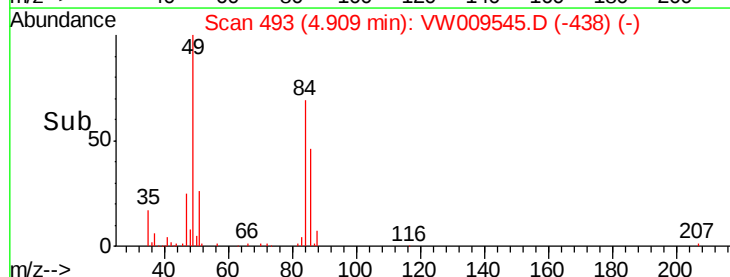
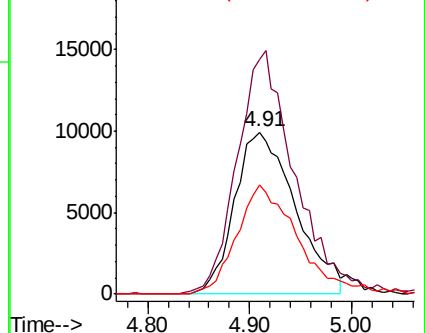
86 67.3 44.4 82.5

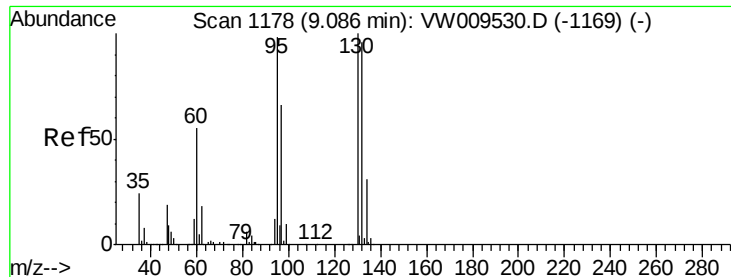


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 2.194 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

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Instrument :

MSVOA_W

ClientSampleID :

BF7W1

Tgt Ion: 95 Resp: 13127

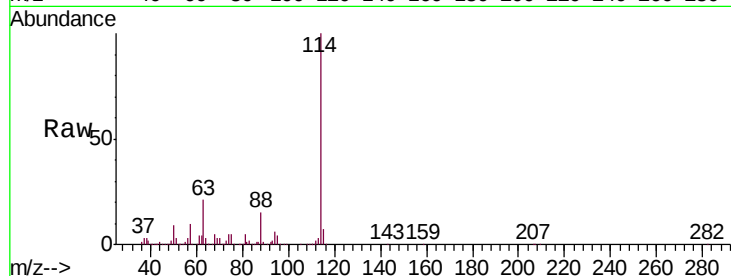
Ion Ratio Lower Upper

95 100

97 0.1 44.7 82.9#

132 0.0 69.0 128.2#

130 0.0 72.7 134.9#

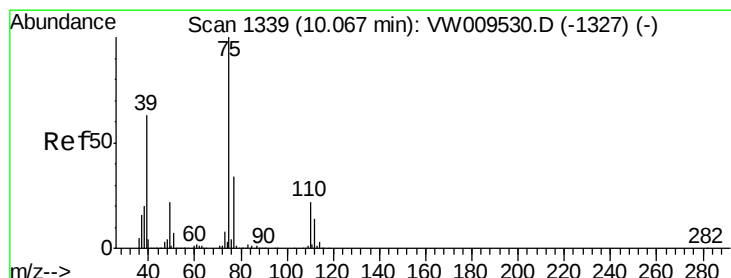
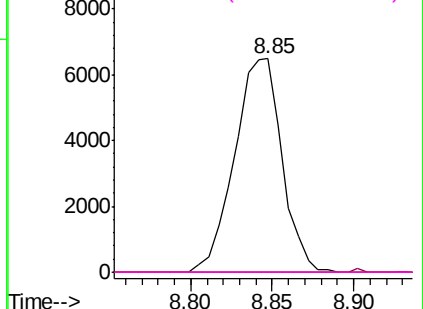
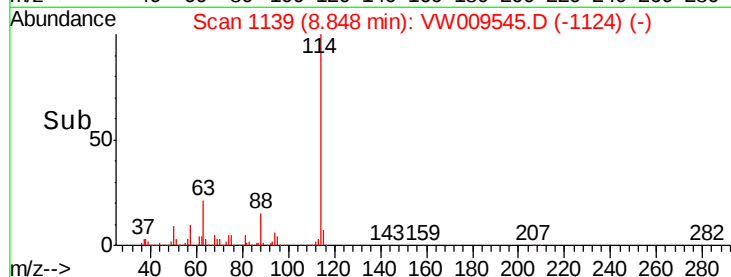


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.684 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009545.D

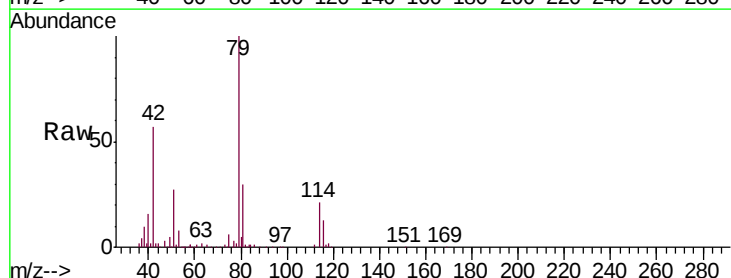
Acq: 28 Mar 2019 18:24

Tgt Ion: 75 Resp: 6419

Ion Ratio Lower Upper

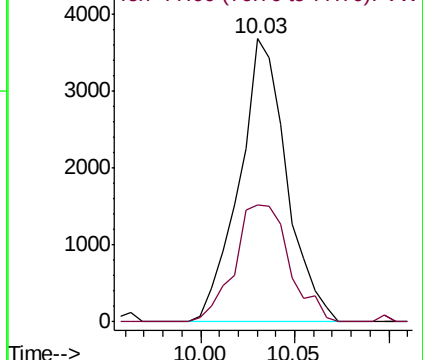
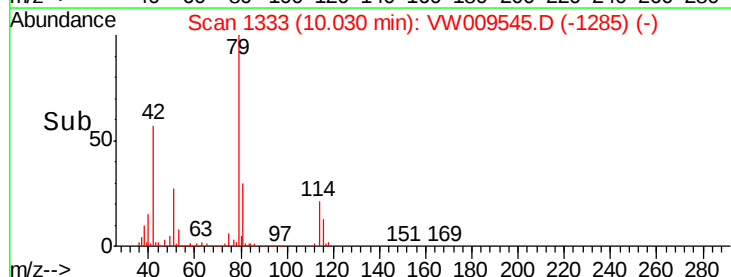
75 100

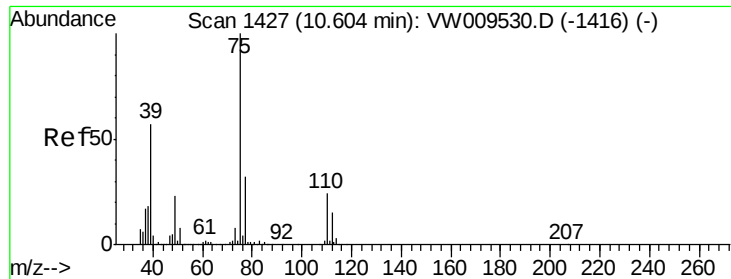
77 41.4 21.6 40.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.474 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009545.D

Acq: 28 Mar 2019 18:24

Instrument :

MSVOA_W

ClientSampled :

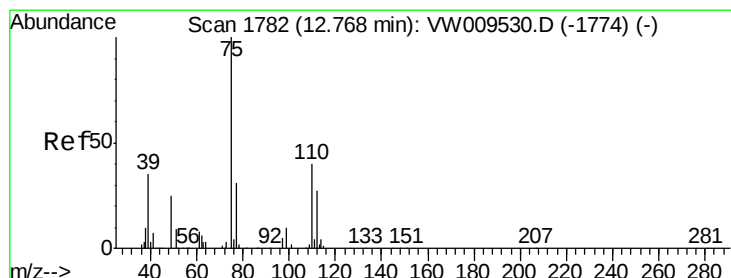
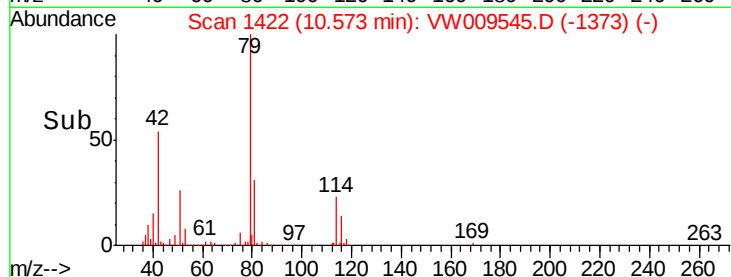
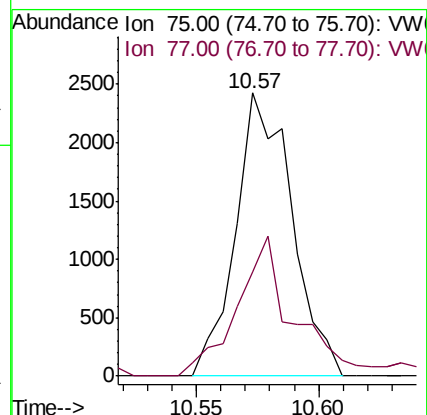
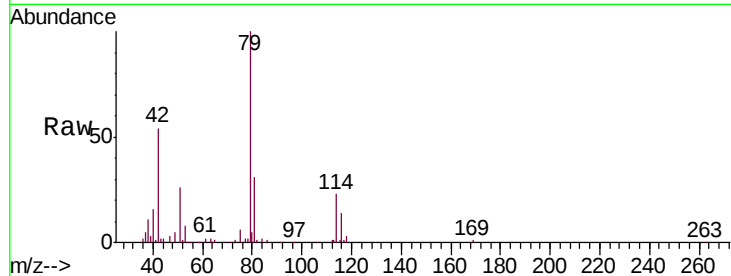
BF7W1

Tgt Ion: 75 Resp: 3872

Ion Ratio Lower Upper

75 100

77 36.8 22.5 41.7



#59

1,2,3-Trichloropropane

Concen: 5.252 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009545.D

Acq: 28 Mar 2019 18:24

Tgt Ion: 75 Resp: 24168

Ion Ratio Lower Upper

75 100

77 38.7 26.2 39.2

