

Data File : VW009535.D
Acq On : 28 Mar 2019 13:52
Operator : SY/VA
Sample : K2084-03
Misc : 4.92G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF7T3

Quant Time: Mar 29 05:38:48 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	445005	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	432127	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	194089	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	166850	31.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	125.52%
7) Chloroethane-d5	2.89	69	151105	24.28	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.12%
10) 1,1-Dichloroethene-d2	4.01	63	250042	21.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.00%
20) 2-Butanone-d5	7.07	46	71303	32.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.84%
24) Chloroform-d	7.64	84	301822	24.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	8.30	65	174908	23.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.64%
29) Benzene-d6	8.27	84	583638	24.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.96%
33) 1,2-Dichloropropane-d6	9.27	67	171928	24.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.08%
37) Toluene-d8	10.32	98	530233	24.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.24%
38) trans-1,3-Dichloropropene-	10.58	79	73215	20.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.48%
39) 2-Hexanone-d5	10.93	63	47882	27.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130841	18.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	182950	24.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.32%

Target Compounds

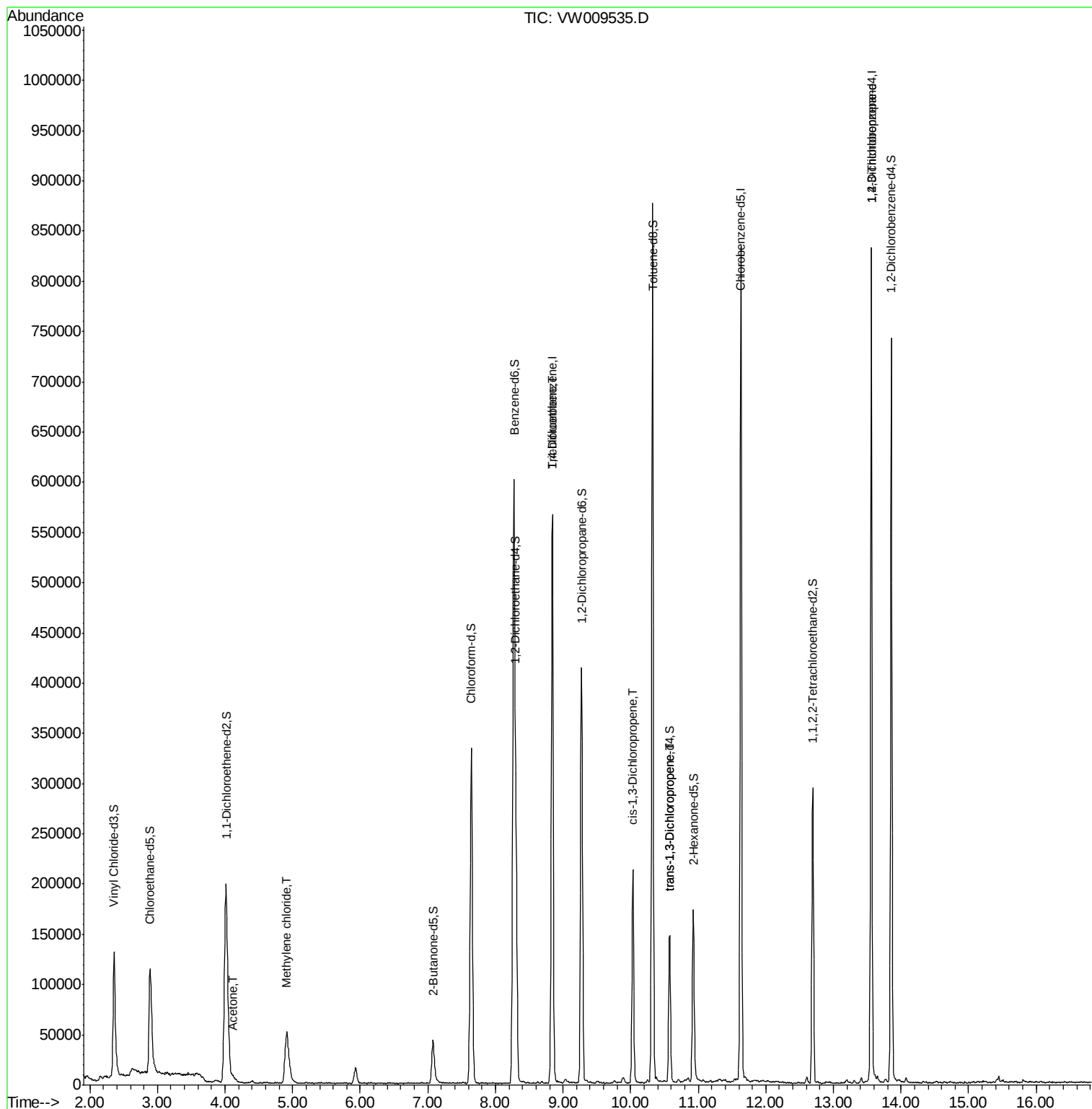
					Qvalue
13) Acetone	4.12	43	5145	2.853 ug/L	92
16) Methylene chloride	4.90	84	18567	2.861 ug/L	96
35) Trichloroethene	8.84	95	13970	2.217 ug/L #	4
42) cis-1,3-Dichloropropene	10.04	75	6217	0.629 ug/L #	74
45) trans-1,3-Dichloropropene	10.58	75	4156	0.483 ug/L	85
59) 1,2,3-Trichloropropane	13.56	75	25431	5.246 ug/L	89

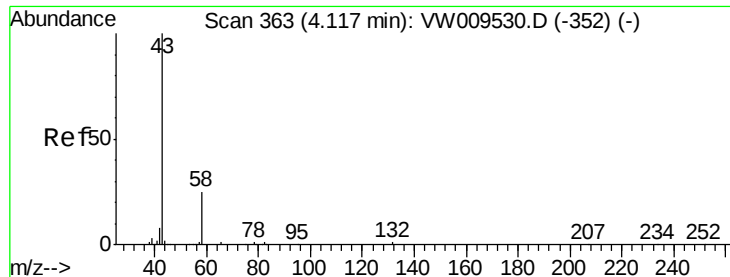
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.853 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 28 Mar 2019 13:52

Instrument :

MSVOA_W

ClientSampled :

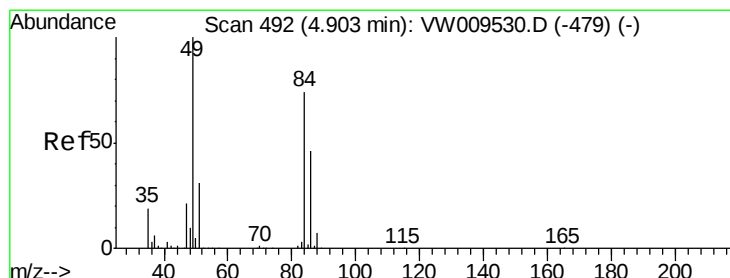
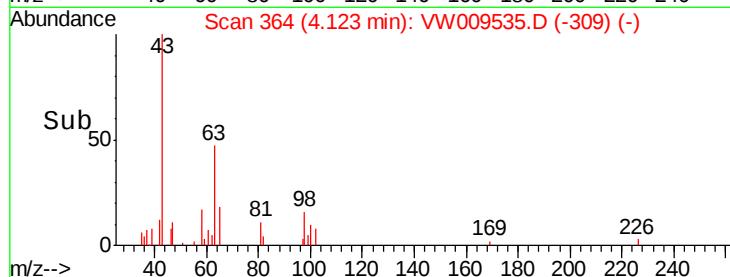
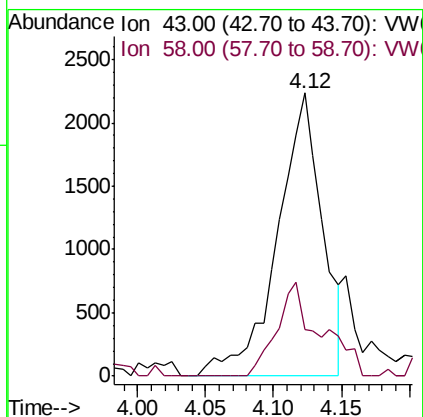
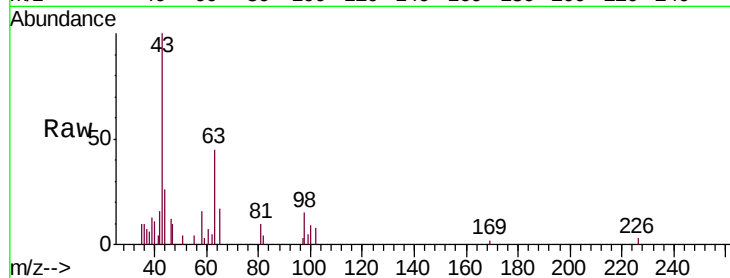
BF7T3

Tgt Ion: 43 Resp: 5145

Ion Ratio Lower Upper

43 100

58 24.1 0.0 56.2



#16

Methylene chloride

Concen: 2.861 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.00 min

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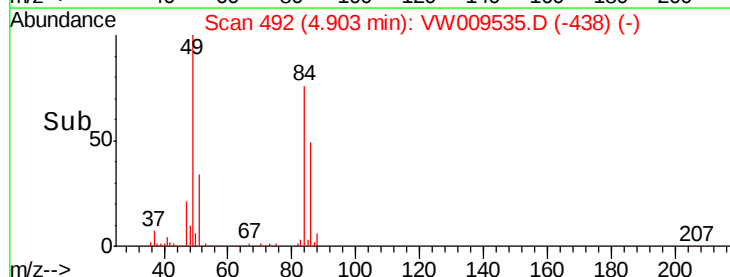
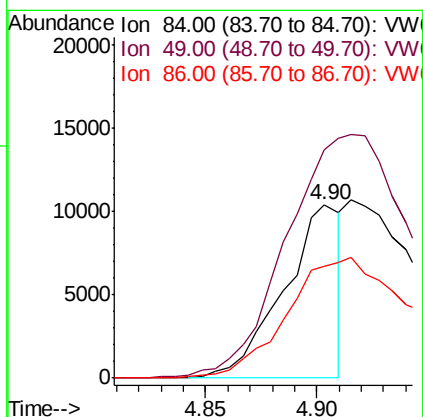
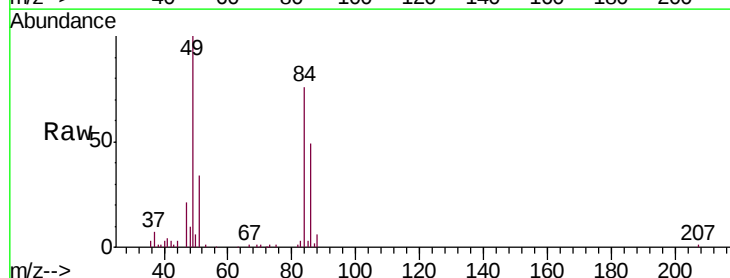
Tgt Ion: 84 Resp: 18567

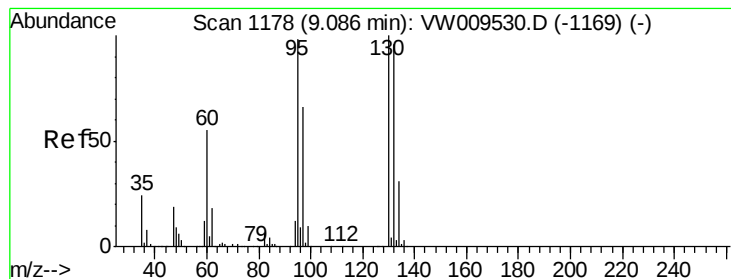
Ion Ratio Lower Upper

84 100

49 131.7 96.0 178.2

86 64.7 44.4 82.5





#35

Trichloroethene

Concen: 2.217 ug/L

RT: 8.84 min Scan# 1137

Delta R.T. -0.25 min

Lab File: VW009535.D

Acq: 28 Mar 2019 13:52

Instrument :

MSVOA_W

ClientSampled :

BF7T3

Tgt Ion: 95 Resp: 13970

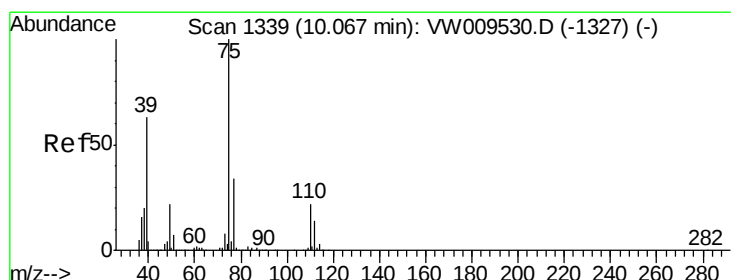
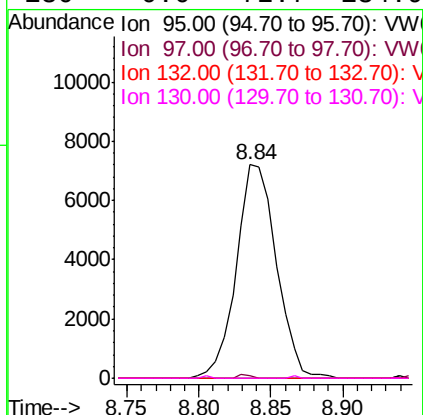
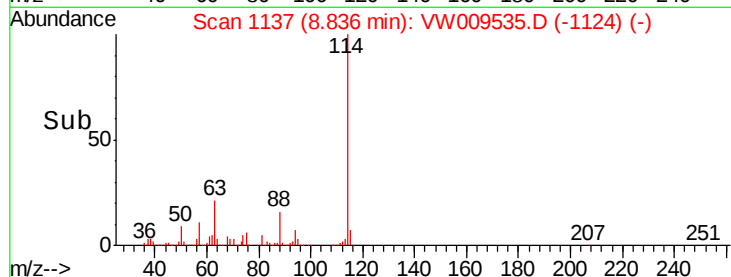
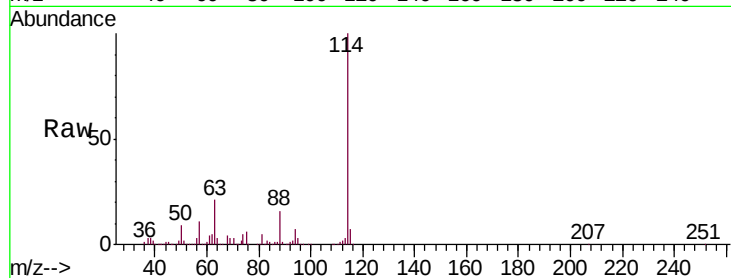
Ion Ratio Lower Upper

95 100

97 0.6 44.7 82.9#

132 0.0 69.0 128.2#

130 0.0 72.7 134.9#



#42

cis-1,3-Dichloropropene

Concen: 0.629 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.03 min

Lab File: VW009535.D

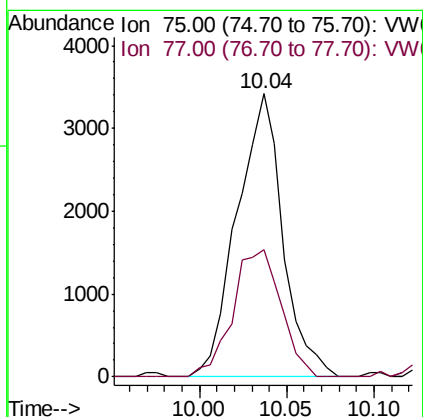
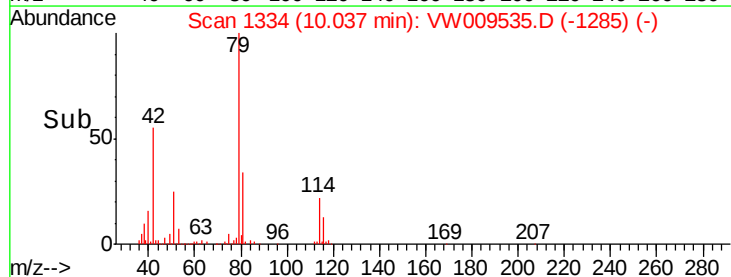
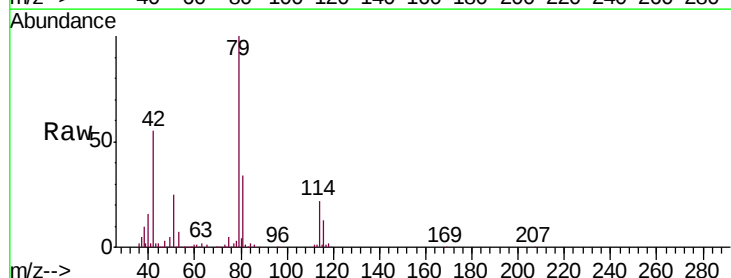
Acq: 28 Mar 2019 13:52

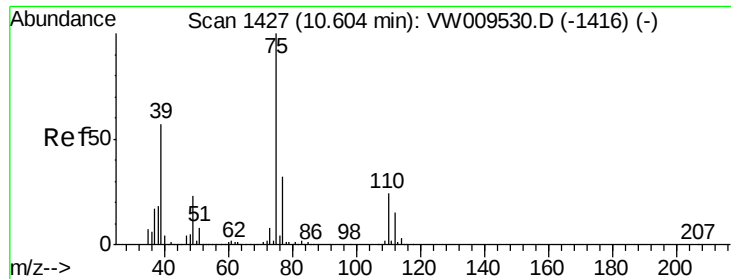
Tgt Ion: 75 Resp: 6217

Ion Ratio Lower Upper

75 100

77 45.1 21.6 40.2#





#45

trans-1,3-Dichloropropene

Concen: 0.483 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009535.D

Acq: 28 Mar 2019 13:52

Instrument :

MSVOA_W

ClientSampled :

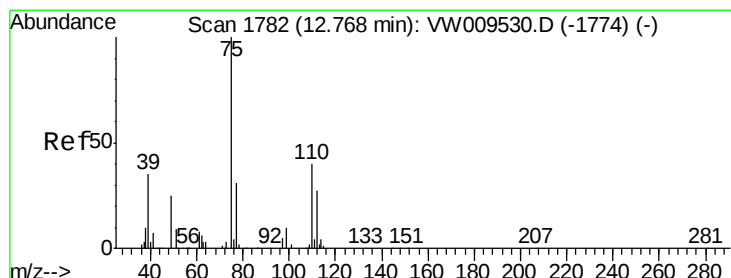
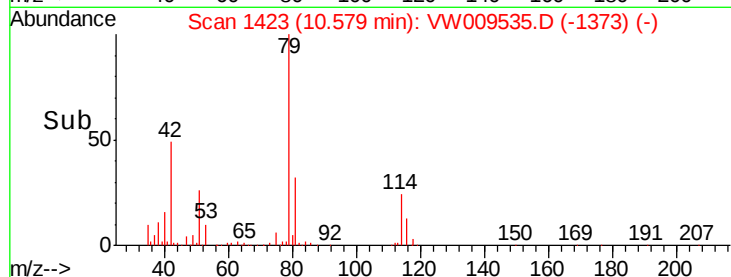
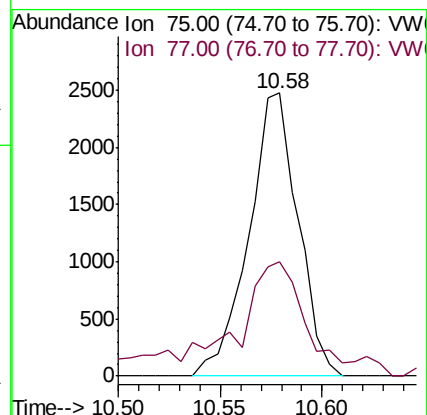
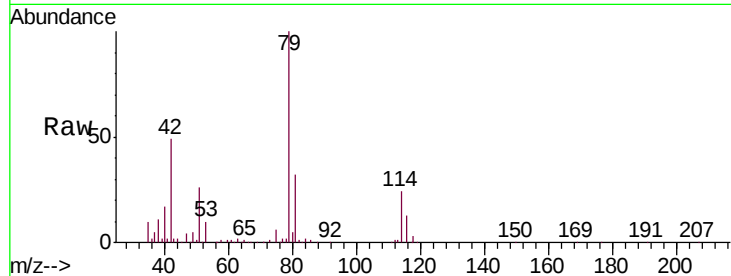
BF7T3

Tgt Ion: 75 Resp: 4156

Ion Ratio Lower Upper

75 100

77 40.5 22.5 41.7



#59

1,2,3-Trichloropropane

Concen: 5.246 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009535.D

Acq: 28 Mar 2019 13:52

Tgt Ion: 75 Resp: 25431

Ion Ratio Lower Upper

75 100

77 39.2 26.2 39.2

