

Data File : VV009515.D
Acq On : 06 Mar 2019 13:33
Operator : SY/MD
Sample : K1720-06
Misc : 5.21G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF8B0

Quant Time: Mar 07 02:56:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 07 02:53:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	159482	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	149204	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66564	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39123	20.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.52%
7) Chloroethane-d5	1.58	69	70283	25.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.24%
10) 1,1-Dichloroethene-d2	2.13	63	85792	17.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.68%
20) 2-Butanone-d5	3.95	46	29932	45.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.50%
24) Chloroform-d	4.40	84	92620	24.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.52%
26) 1,2-Dichloroethane-d4	5.08	65	59115	27.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.40%
29) Benzene-d6	5.10	84	190199	25.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.96%
33) 1,2-Dichloropropane-d6	6.12	67	59658	27.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.44%
37) Toluene-d8	7.36	98	182635	25.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.40%
38) trans-1,3-Dichloropropene-	7.67	79	25999	24.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.40%
39) 2-Hexanone-d5	8.14	63	24424	47.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.98%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	59342	25.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.16%
61) 1,2-Dichlorobenzene-d4	11.68	152	63938	26.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.24%

Target Compounds

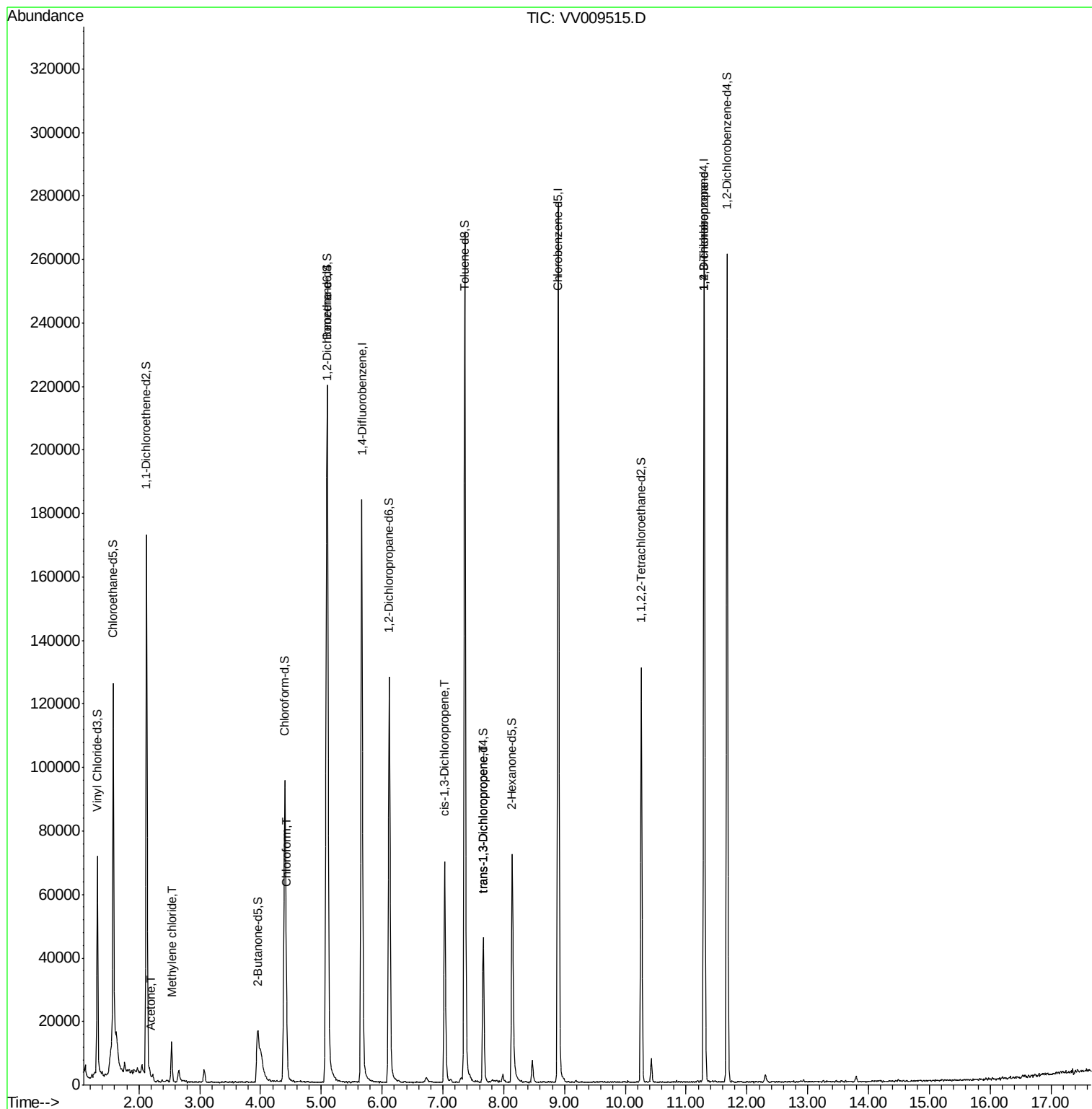
					Qvalue
13) Acetone	2.20	43	2019	3.035 ug/L	71
16) Methylene chloride	2.54	84	5120	2.446 ug/L	91
25) Chloroform	4.43	83	4498	1.201 ug/L #	29
42) cis-1,3-Dichloropropene	7.03	75	2163	0.701 ug/L #	71
45) trans-1,3-Dichloropropene	7.67	75	1506	0.559 ug/L	86
59) 1,2,3-Trichloropropane	11.30	75	9646	5.738 ug/L	96

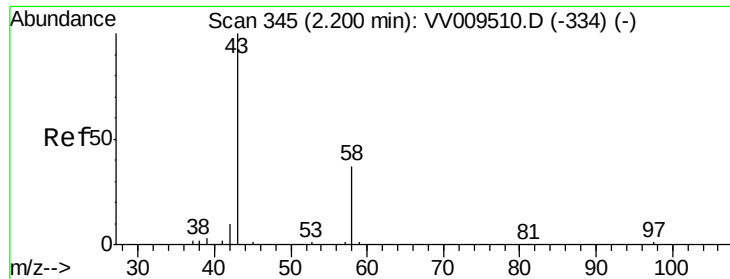
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.035 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.00 min

Lab File: VV009515.D

Acq: 06 Mar 2019 13:33

Instrument :

MSVOA_V

ClientSampled :

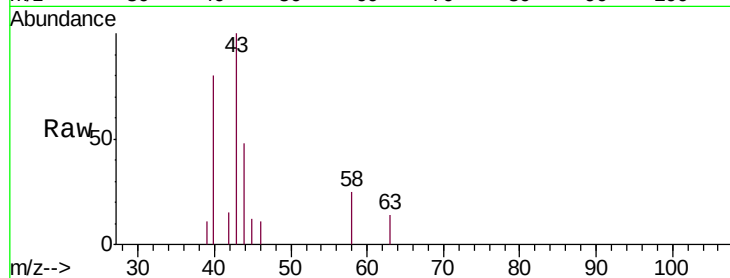
BF8B0

Tgt Ion: 43 Resp: 2019

Ion Ratio Lower Upper

43 100

58 17.9 0.0 68.8

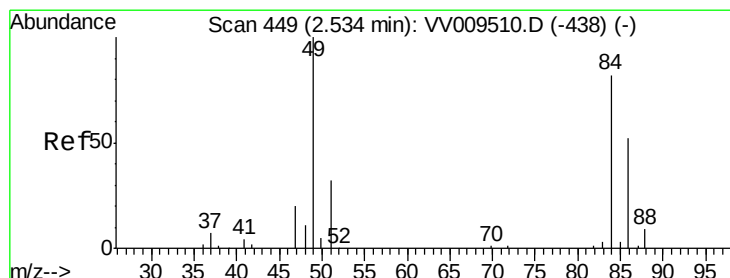
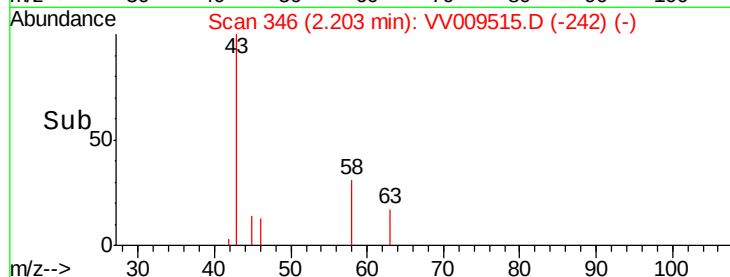
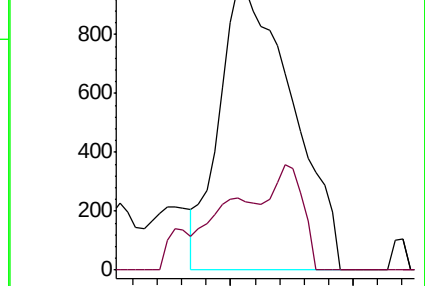


Abundance Ion 43.00 (42.70 to 43.70): VV009515.D (-346) (-)

Ion 58.00 (57.70 to 58.70): VV009515.D (-346) (-)

2.20

2.25



#16

Methylene chloride

Concen: 2.446 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009515.D

Acq: 06 Mar 2019 13:33

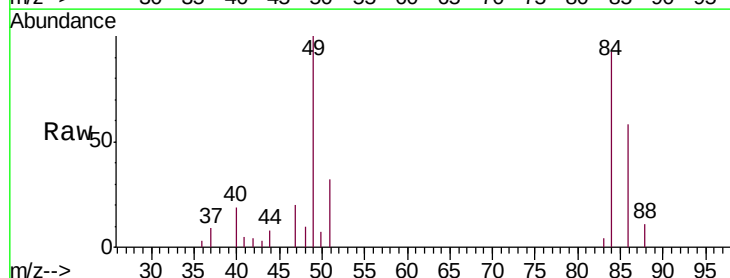
Tgt Ion: 84 Resp: 5120

Ion Ratio Lower Upper

84 100

49 107.5 84.6 157.0

86 62.8 46.1 85.7



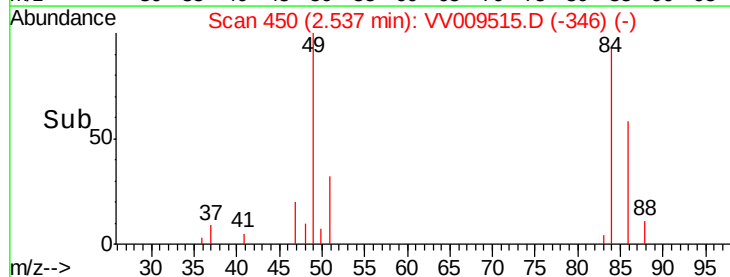
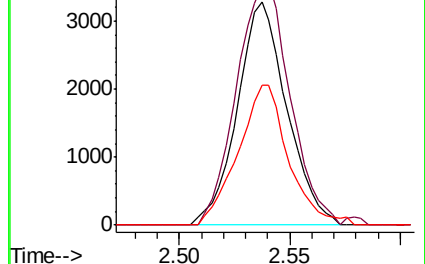
Abundance Ion 84.00 (83.70 to 84.70): VV009515.D (-346) (-)

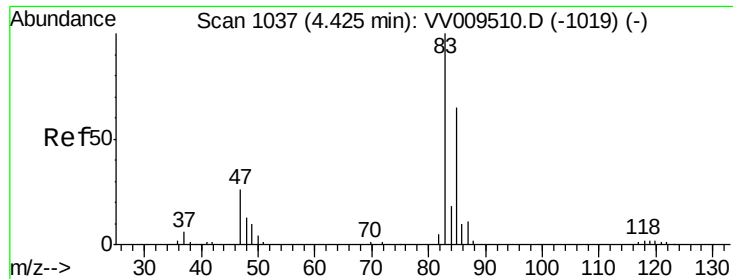
Ion 49.00 (48.70 to 49.70): VV009515.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV009515.D (-346) (-)

2.54

2.55

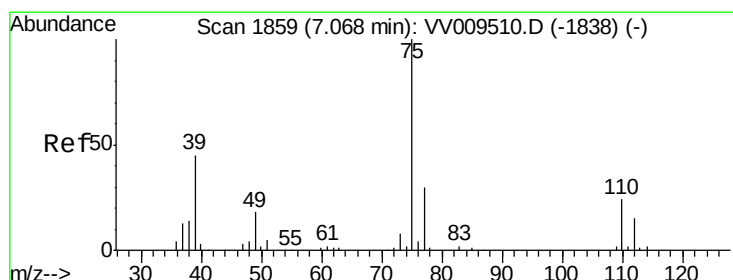
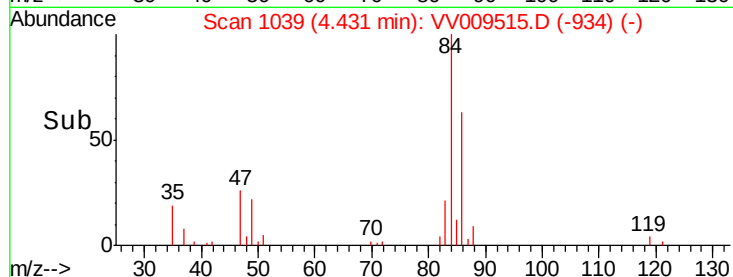
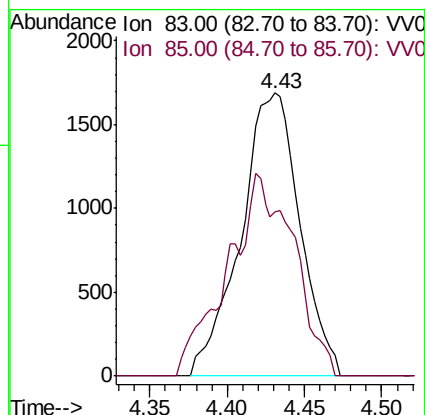
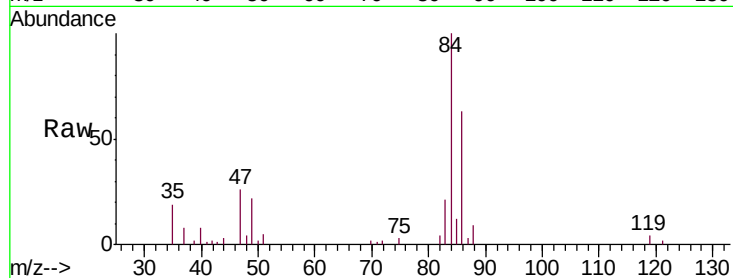




#25
Chloroform
Concen: 1.201 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV009515.D
Acq: 06 Mar 2019 13:33

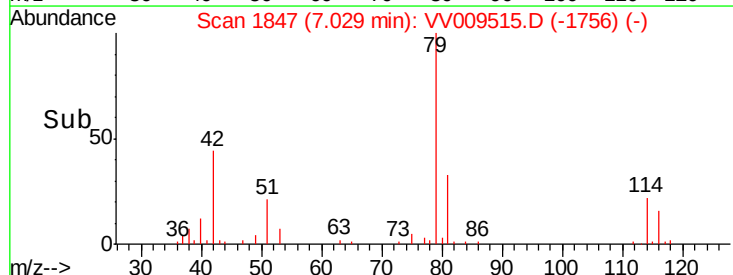
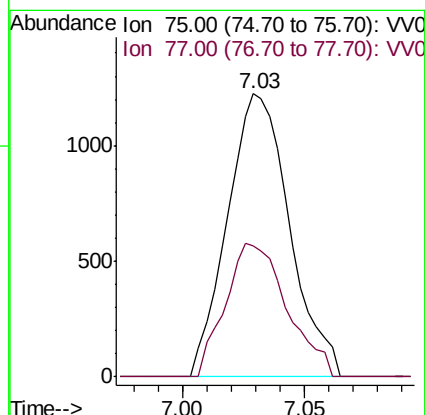
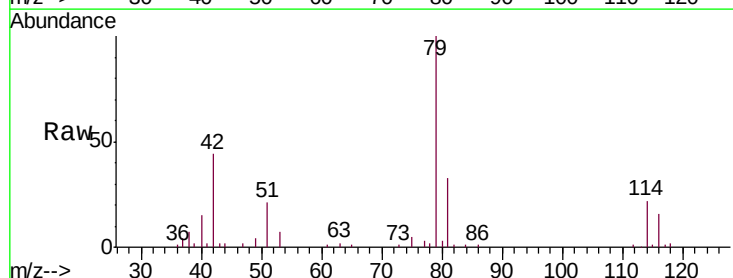
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MSVOA_V
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BF8B0

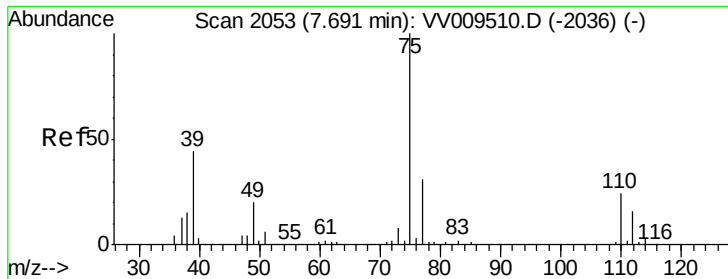
Tgt Ion: 83 Resp: 4498
Ion Ratio Lower Upper
83 100
85 8.8 45.4 84.2#



#42
cis-1,3-Dichloropropene
Concen: 0.701 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009515.D
Acq: 06 Mar 2019 13:33

Tgt Ion: 75 Resp: 2163
Ion Ratio Lower Upper
75 100
77 46.5 21.4 39.8#





#45

trans-1,3-Dichloropropene

Concen: 0.559 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV009515.D

Acq: 06 Mar 2019 13:33

Instrument :

MSVOA_V

ClientSampled :

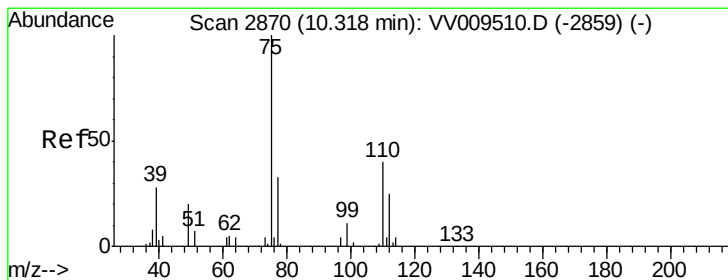
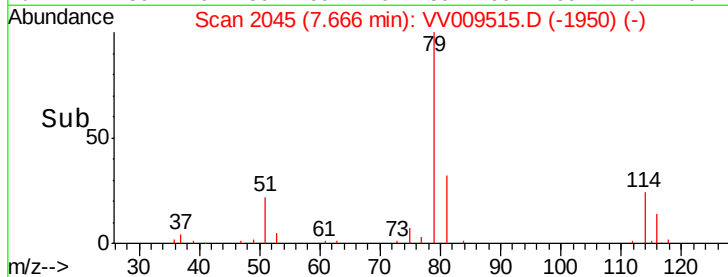
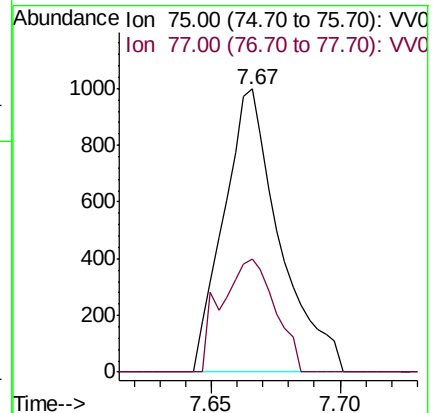
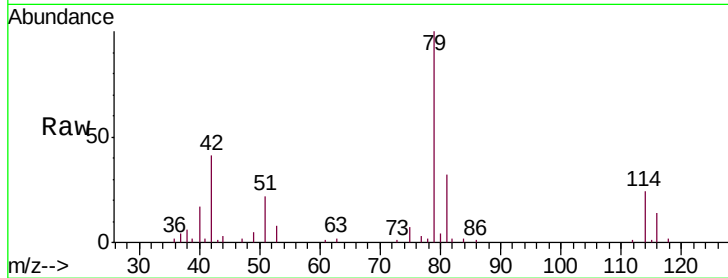
BF8B0

Tgt Ion: 75 Resp: 1506

Ion Ratio Lower Upper

75 100

77 39.8 22.5 41.7



#59

1,2,3-Trichloropropane

Concen: 5.738 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009515.D

Acq: 06 Mar 2019 13:33

Tgt Ion: 75 Resp: 9646

Ion Ratio Lower Upper

75 100

77 34.9 25.9 38.9

