

Data File : VV010931.D
Acq On : 16 May 2019 14:10
Operator : SY/MD
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Quant Time: May 17 05:22:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Fri May 17 05:18:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	138216	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	140617	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61845	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31816	18.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.28%
7) Chloroethane-d5	1.56	69	24220	21.10	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.40%
10) 1,1-Dichloroethene-d2	2.12	63	46781	14.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.16%
20) 2-Butanone-d5	3.94	46	22039	39.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.56%
24) Chloroform-d	4.40	84	60471	15.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	60.60%
26) 1,2-Dichloroethane-d4	5.08	65	40823	17.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.96%
29) Benzene-d6	5.10	84	139214	17.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.56%
33) 1,2-Dichloropropane-d6	6.12	67	45440	18.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	73.20%
37) Toluene-d8	7.36	98	125267	16.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.00%
38) trans-1,3-Dichloropropene-	7.66	79	16613	15.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.36%
39) 2-Hexanone-d5	8.13	63	14827	31.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.02%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	39754	17.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.04%
61) 1,2-Dichlorobenzene-d4	11.67	152	47140	18.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.00%#

Target Compounds

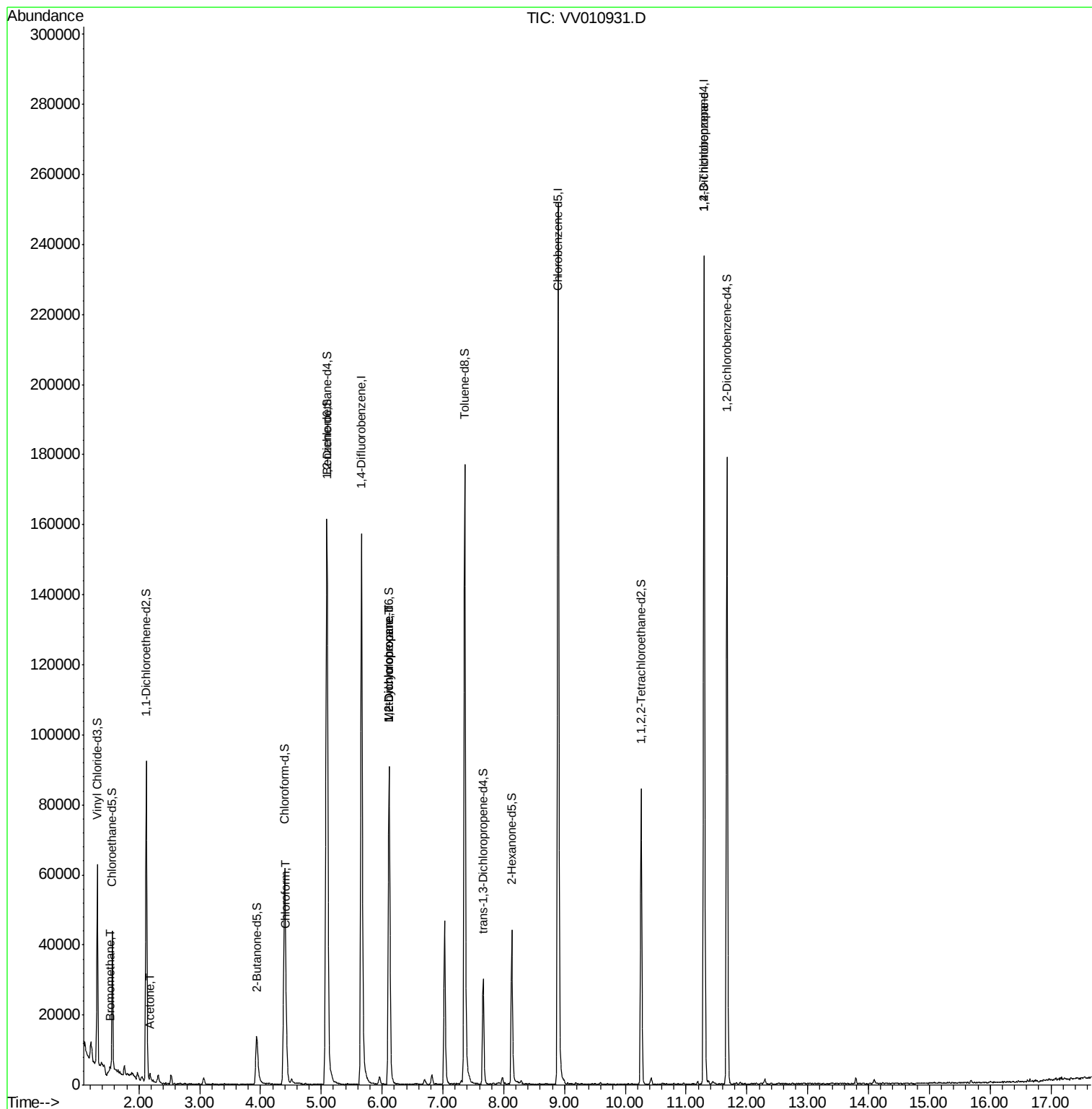
					Qvalue
6) Bromomethane	1.51	94	306	0.667 ug/L	97
13) Acetone	2.19	43	981	1.738 ug/L	86
25) Chloroform	4.43	83	7043	1.768 ug/L	77
36) Methylcyclohexane	6.11	83	10293	3.482 ug/L #	19
40) 1,2-Dichloropropane	6.12	63	4760	2.132 ug/L #	88
59) 1,2,3-Trichloropropane	11.30	75	7552	4.390 ug/L	91

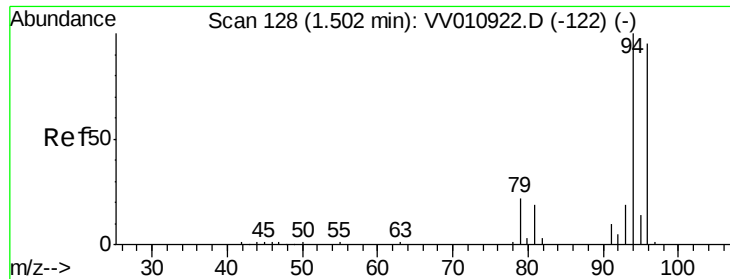
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.667 ug/L

RT: 1.51 min Scan# 131

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampled :

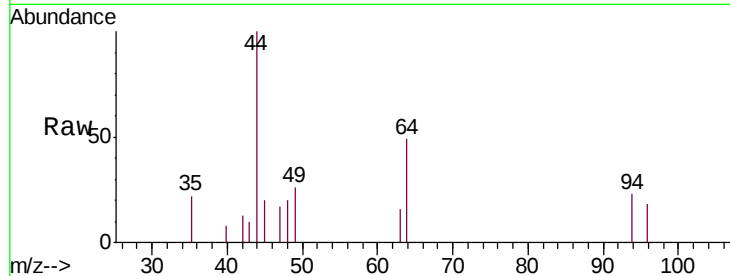
VIBLK

Tgt Ion: 94.00 Resp: 306

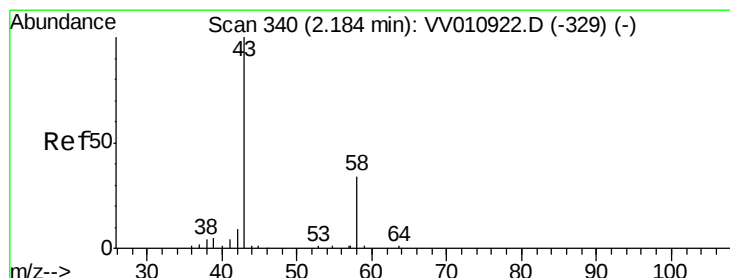
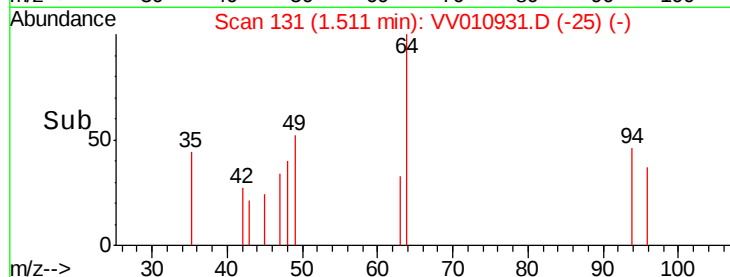
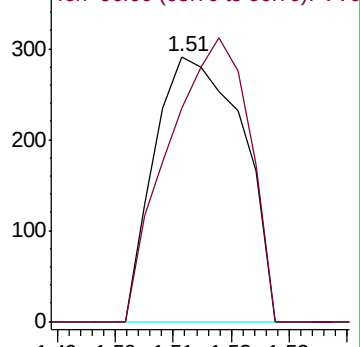
Ion Ratio Lower Upper

94 100

96 98.7 9.6 181.6



Abundance Ion 94.00 (93.70 to 94.70): VV010931.D (-122) (-)



#13

Acetone

Concen: 1.738 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV010931.D

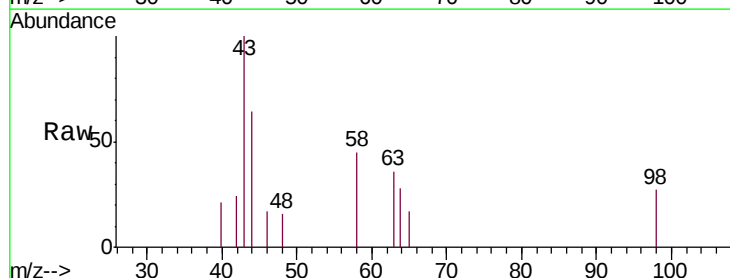
Acq: 16 May 2019 14:10

Tgt Ion: 43.00 Resp: 981

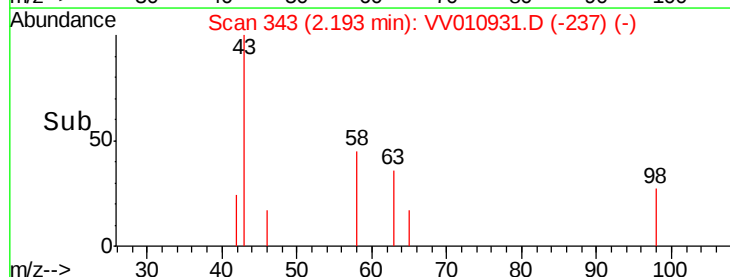
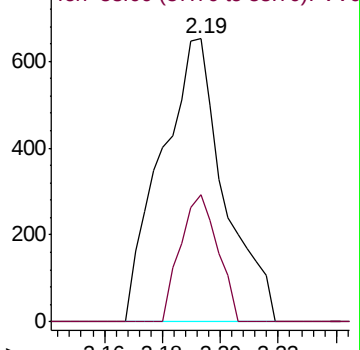
Ion Ratio Lower Upper

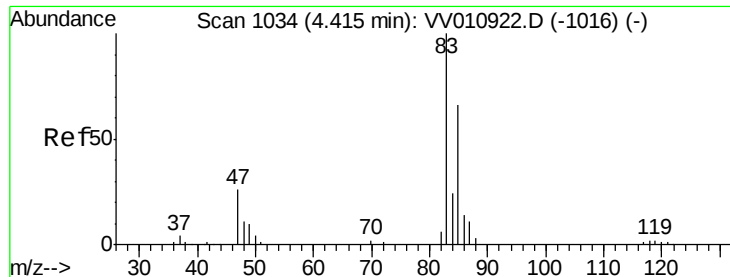
43 100

58 26.7 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VV010931.D (-25) (-)





#25

Chloroform

Concen: 1.768 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

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Acq: 16 May 2019 14:10

Instrument :

MSVOA_V

ClientSampleId :

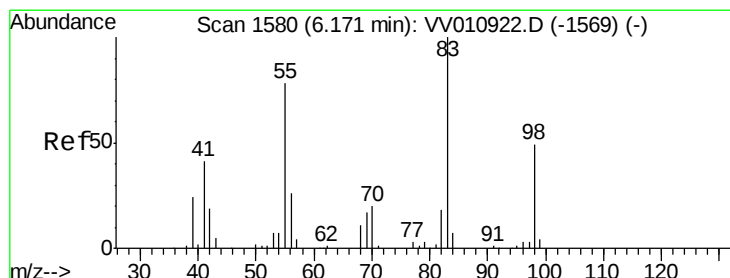
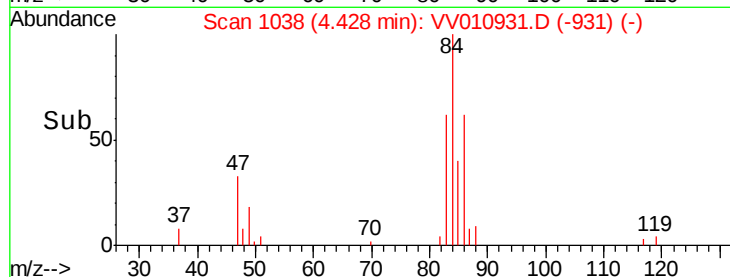
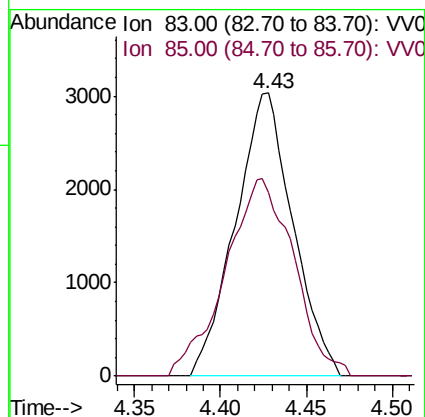
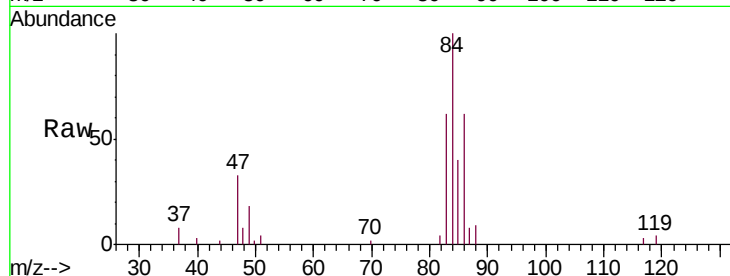
VIBLK

Tgt Ion: 83 Resp: 7043

Ion Ratio Lower Upper

83 100

85 82.6 45.3 84.1



#36

Methylcyclohexane

Concen: 3.482 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV010931.D

Acq: 16 May 2019 14:10

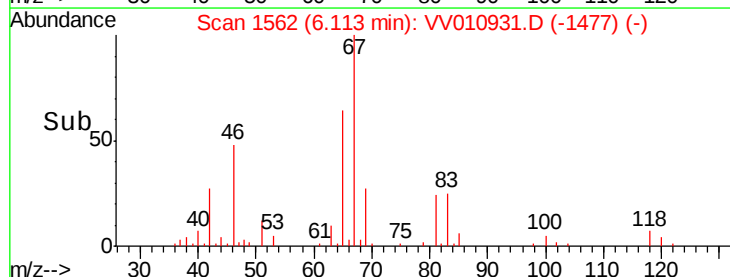
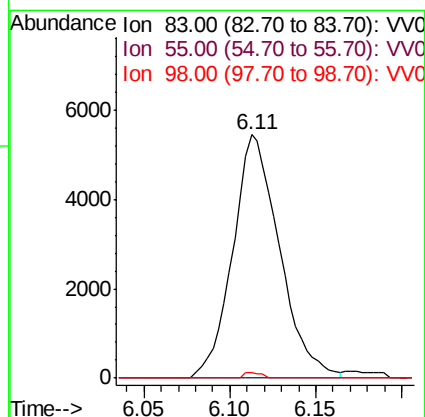
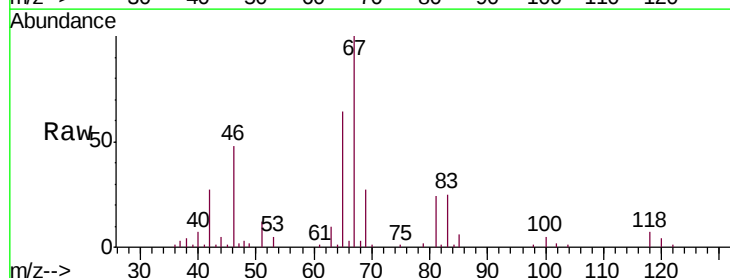
Tgt Ion: 83 Resp: 10293

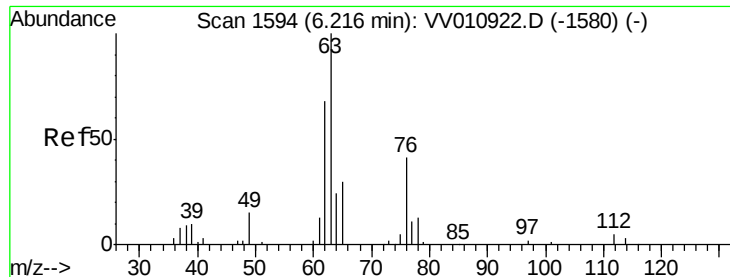
Ion Ratio Lower Upper

83 100

55 0.0 61.0 91.4#

98 0.9 37.2 55.8#





#40

1,2-Dichloropropane

Concen: 2.132 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV010931.D

Acq: 16 May 2019 14:10

Instrument :

MSVOA_V

ClientSampled :

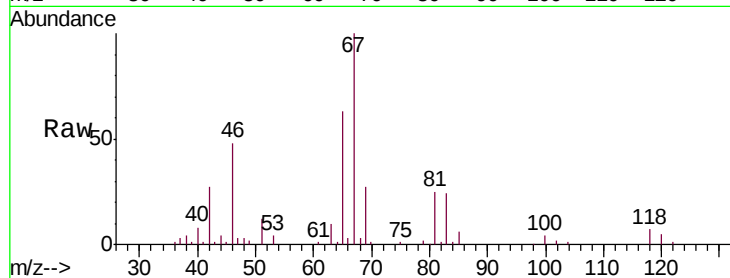
VIBLK

Tgt Ion: 63 Resp: 4760

Ion Ratio Lower Upper

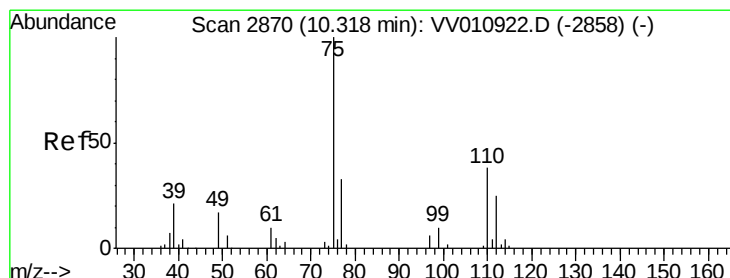
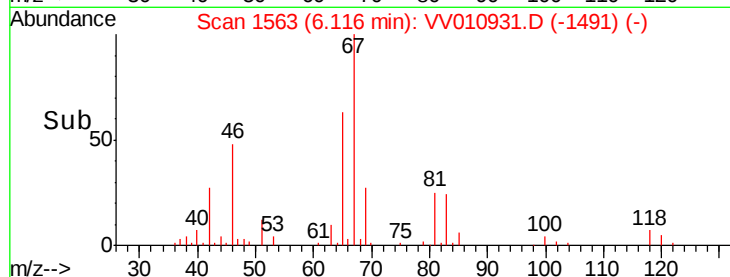
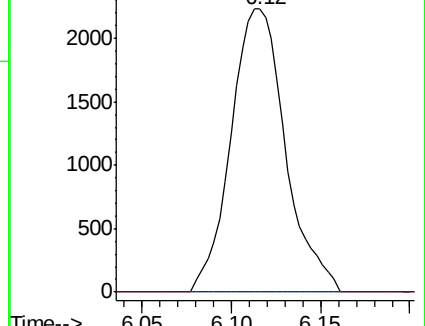
63 100

112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VV010922.D (-1580) (-)

Ion 112.00 (111.70 to 112.70): VV010922.D (-1580) (-)



#59

1,2,3-Trichloropropane

Concen: 4.390 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010931.D

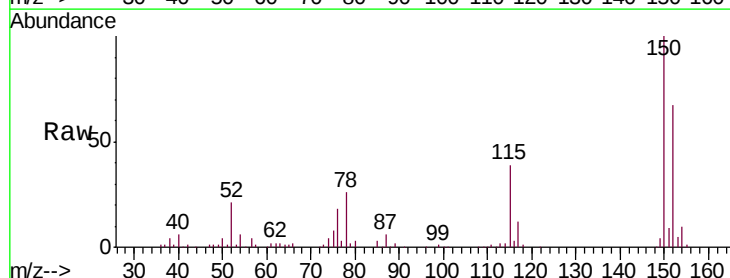
Acq: 16 May 2019 14:10

Tgt Ion: 75 Resp: 7552

Ion Ratio Lower Upper

75 100

77 38.2 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VV010922.D (-2858) (-)

Ion 77.00 (76.70 to 77.70): VV010922.D (-2858) (-)

