

Data File : VV010881.D
Acq On : 15 May 2019 02:01
Operator : SY/MD
Sample : K2798-09
Misc : 4.19G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB879

Quant Time: May 15 08:12:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 08:08:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	138168	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	133090	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	51015	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	35569	20.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.84%
7) Chloroethane-d5	1.56	69	29120	25.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.52%
10) 1,1-Dichloroethene-d2	2.12	63	55893	16.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.12%
20) 2-Butanone-d5	3.93	46	20939	37.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.62%
24) Chloroform-d	4.39	84	84838	21.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.08%
26) 1,2-Dichloroethane-d4	5.07	65	55839	24.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.48%
29) Benzene-d6	5.09	84	186485	25.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.24%
33) 1,2-Dichloropropane-d6	6.11	67	63612	27.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.28%
37) Toluene-d8	7.36	98	159533	22.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.16%
38) trans-1,3-Dichloropropene-	7.66	79	20885	20.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.48%
39) 2-Hexanone-d5	8.13	63	13698	30.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.52%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	49232	22.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.36%
61) 1,2-Dichlorobenzene-d4	11.67	152	51994	24.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.60%

Target Compounds

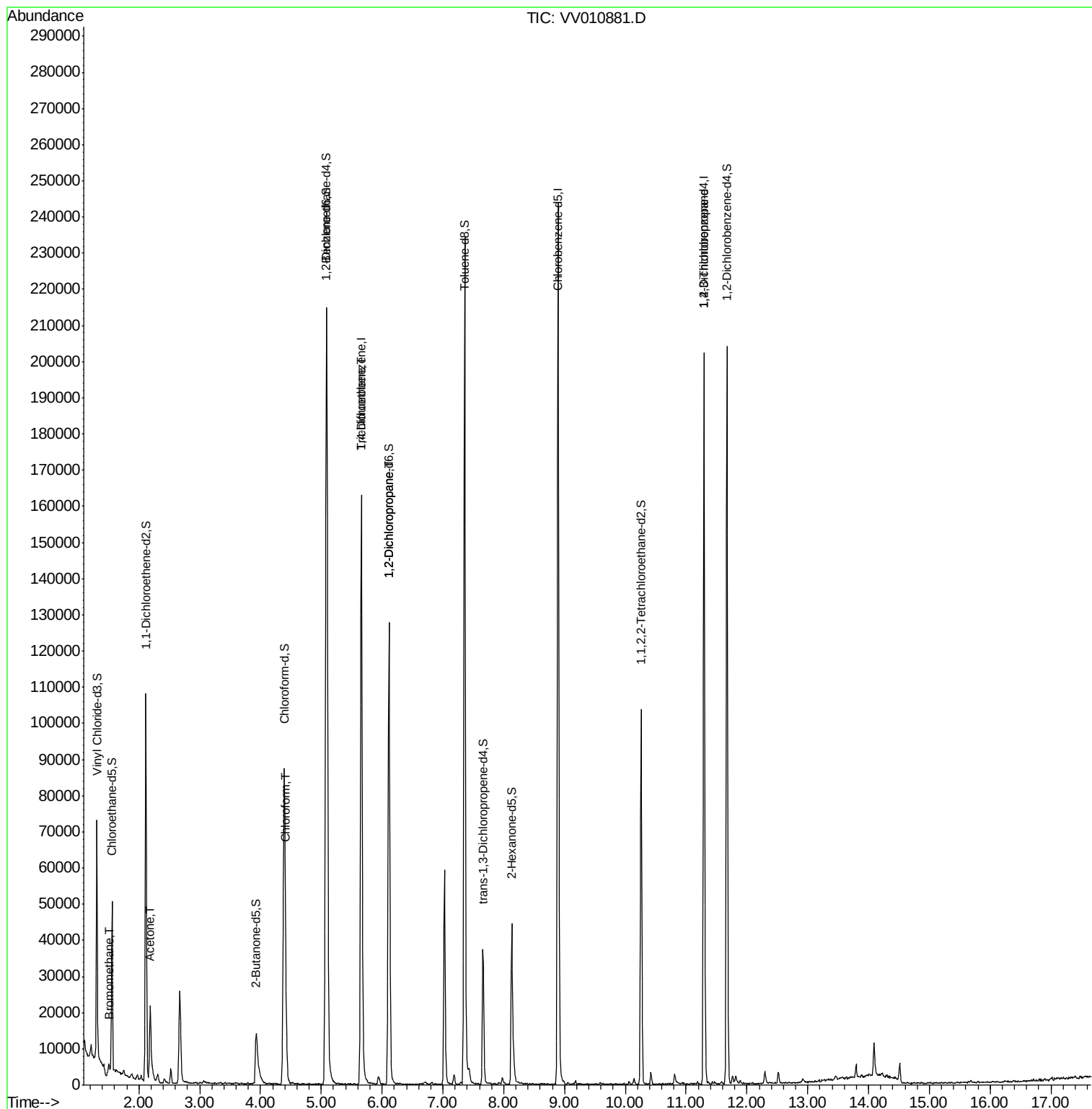
					Qvalue
6) Bromomethane	1.51	94	523	1.140 ug/L	87
13) Acetone	2.19	43	26190	46.428 ug/L	96
25) Chloroform	4.42	83	10563	2.652 ug/L	88
35) Trichloroethene	5.66	95	4293	2.135 ug/L #	5
40) 1,2-Dichloropropane	6.11	63	6869	3.251 ug/L #	88
59) 1,2,3-Trichloropropane	11.29	75	6745	4.143 ug/L	96

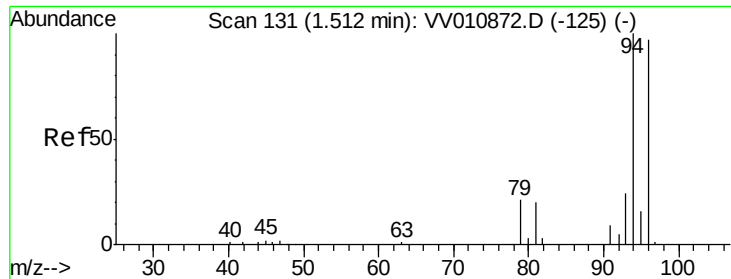
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 1.140 ug/L

RT: 1.51 min Scan# 129

Delta R.T. -0.01 min

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Acq: 15 May 2019 02:01

Instrument :

MSVOA_V

ClientSampleId :

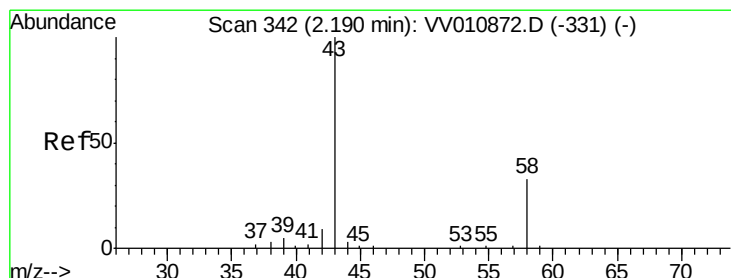
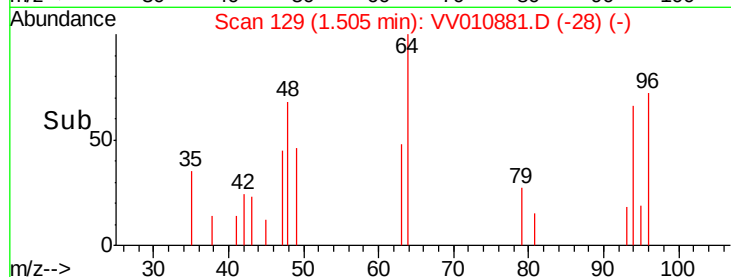
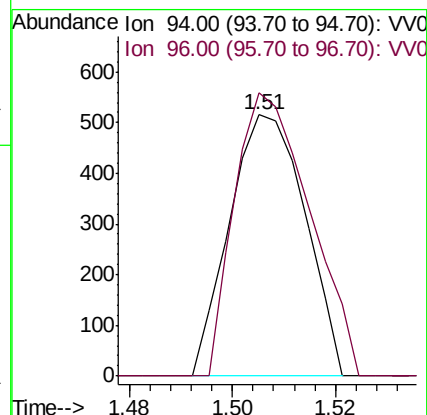
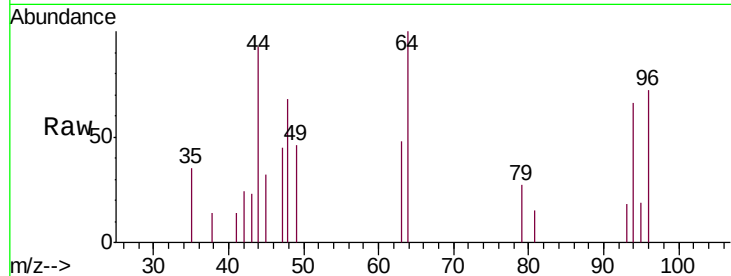
DB879

Tgt Ion: 94 Resp: 523

Ion Ratio Lower Upper

94 100

96 107.8 9.6 181.6



#13

Acetone

Concen: 46.428 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

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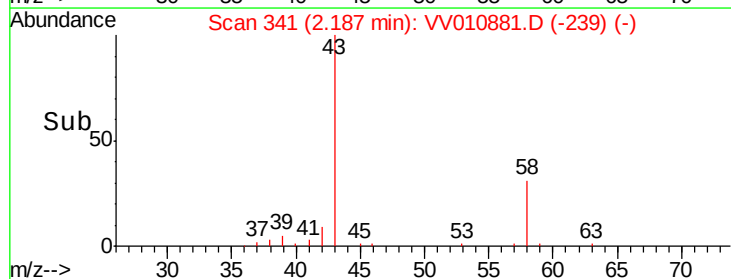
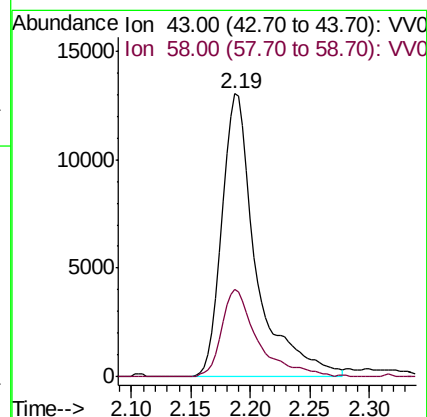
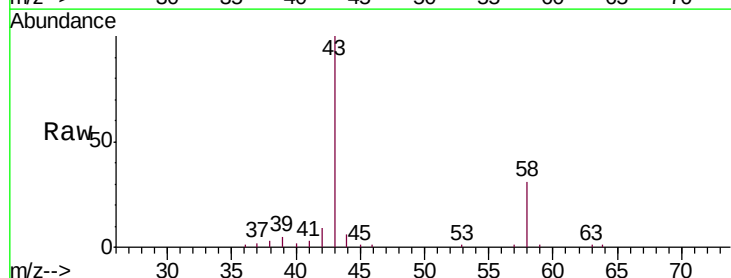
Acq: 15 May 2019 02:01

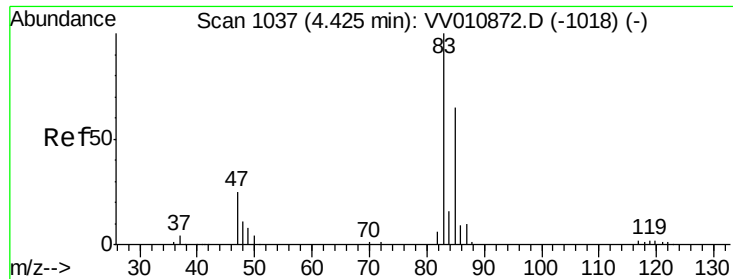
Tgt Ion: 43 Resp: 26190

Ion Ratio Lower Upper

43 100

58 32.4 0.0 69.2

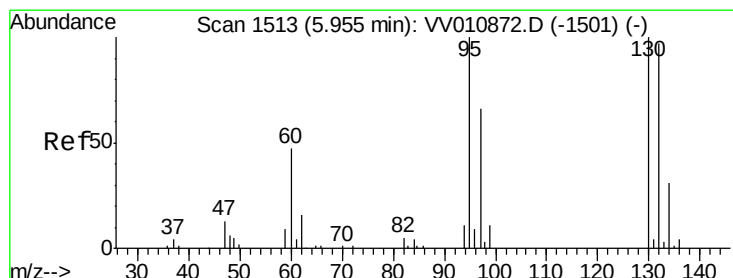
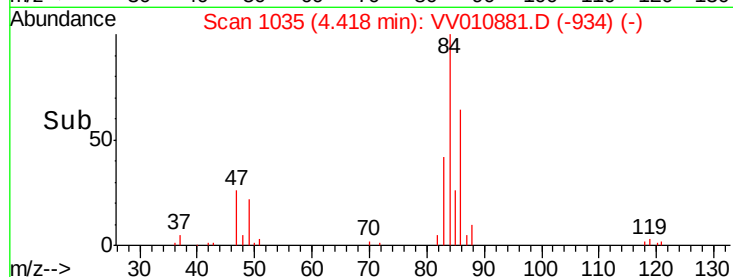
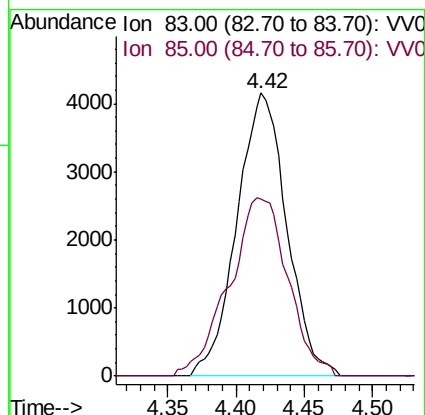
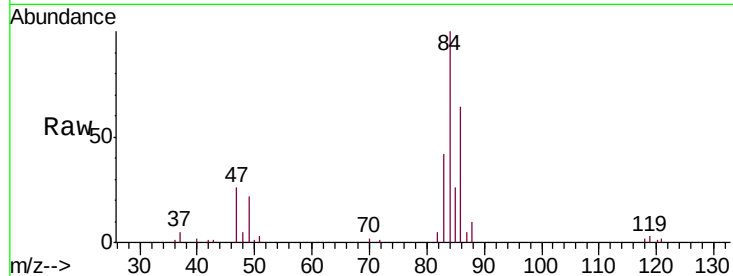




#25
Chloroform
Concen: 2.652 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
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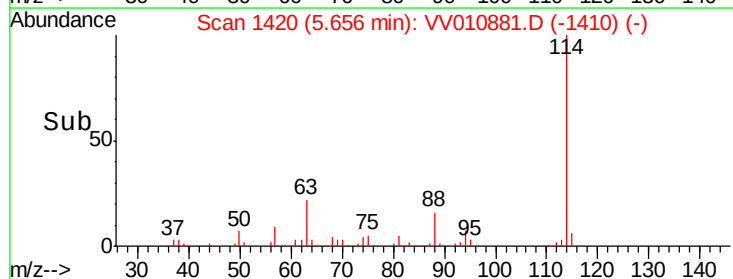
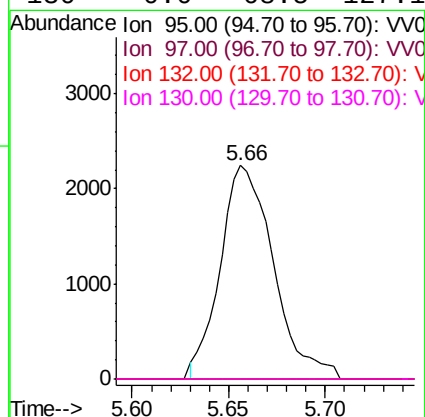
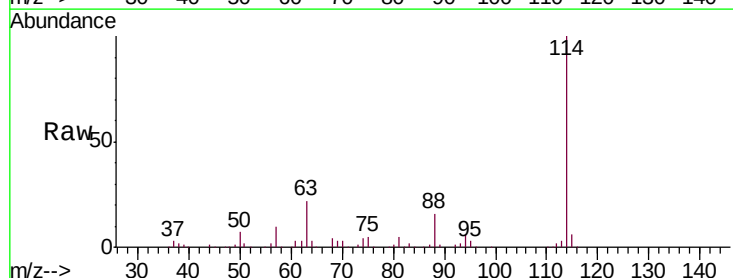
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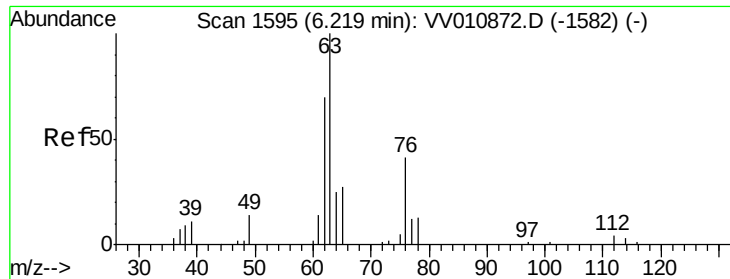
Tgt Ion: 83 Resp: 10563
Ion Ratio Lower Upper
83 100
85 74.1 45.3 84.1



#35
Trichloroethene
Concen: 2.135 ug/L
RT: 5.66 min Scan# 1420
Delta R.T. -0.30 min
Lab File: VV010881.D
Acq: 15 May 2019 02:01

Tgt Ion: 95 Resp: 4293
Ion Ratio Lower Upper
95 100
97 0.0 46.0 85.4#
132 0.0 67.4 125.2#
130 0.0 68.5 127.1#





#40

1,2-Dichloropropane

Concen: 3.251 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

Lab File: VV010881.D

Acq: 15 May 2019 02:01

Instrument :

MSVOA_V

ClientSampled :

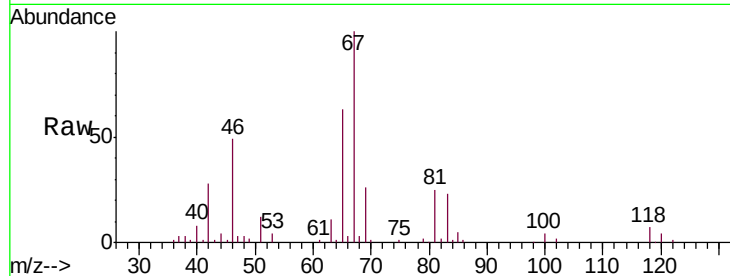
DB879

Tgt Ion: 63 Resp: 6869

Ion Ratio Lower Upper

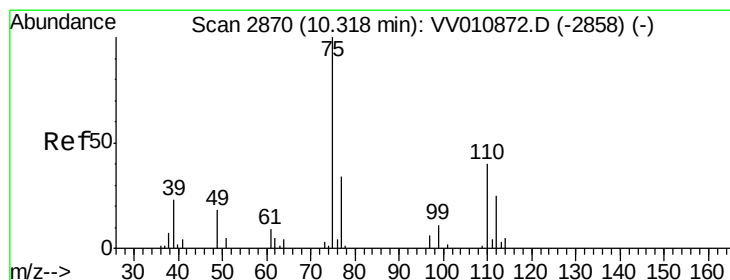
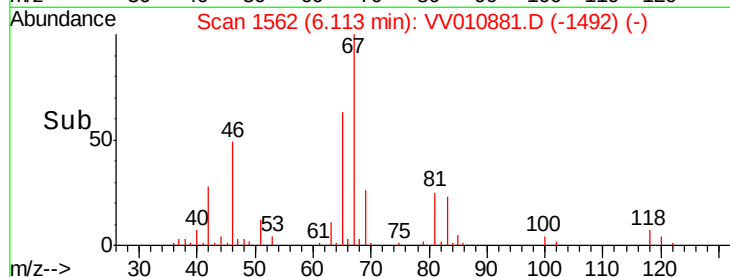
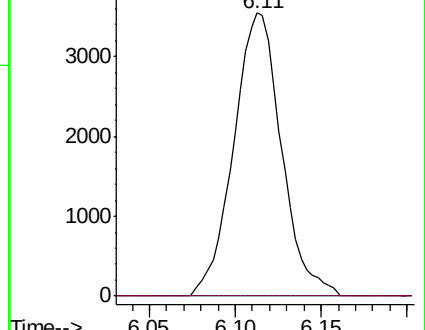
63 100

112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VV010881.D (-1492) (-)

Ion 112.00 (111.70 to 112.70): VV010881.D (-1492) (-)



#59

1,2,3-Trichloropropane

Concen: 4.143 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV010881.D

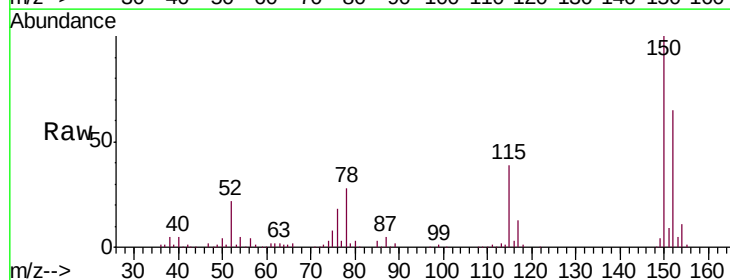
Acq: 15 May 2019 02:01

Tgt Ion: 75 Resp: 6745

Ion Ratio Lower Upper

75 100

77 35.5 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VV010881.D (-2248) (-)

Ion 77.00 (76.70 to 77.70): VV010881.D (-2248) (-)

