

Data File : VV010936.D
Acq On : 16 May 2019 18:54
Operator : SY/MD
Sample : K2692-06
Misc : 5.06G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: May 17 06:31:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Fri May 17 06:28:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	127349	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	128744	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55022	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40675	25.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.28%
7) Chloroethane-d5	1.56	69	30091	28.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.84%
10) 1,1-Dichloroethene-d2	2.12	63	60729	19.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.12%
20) 2-Butanone-d5	3.94	46	27875	54.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.22%
24) Chloroform-d	4.40	84	80892	22.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.08	65	50292	24.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.24%
29) Benzene-d6	5.09	84	175075	24.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.28%
33) 1,2-Dichloropropane-d6	6.12	67	56334	24.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.12%
37) Toluene-d8	7.36	98	161911	23.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.56%
38) trans-1,3-Dichloropropene-	7.66	79	21322	21.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.00%
39) 2-Hexanone-d5	8.13	63	19089	44.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.62%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	51569	24.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	57394	24.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.88%

Target Compounds

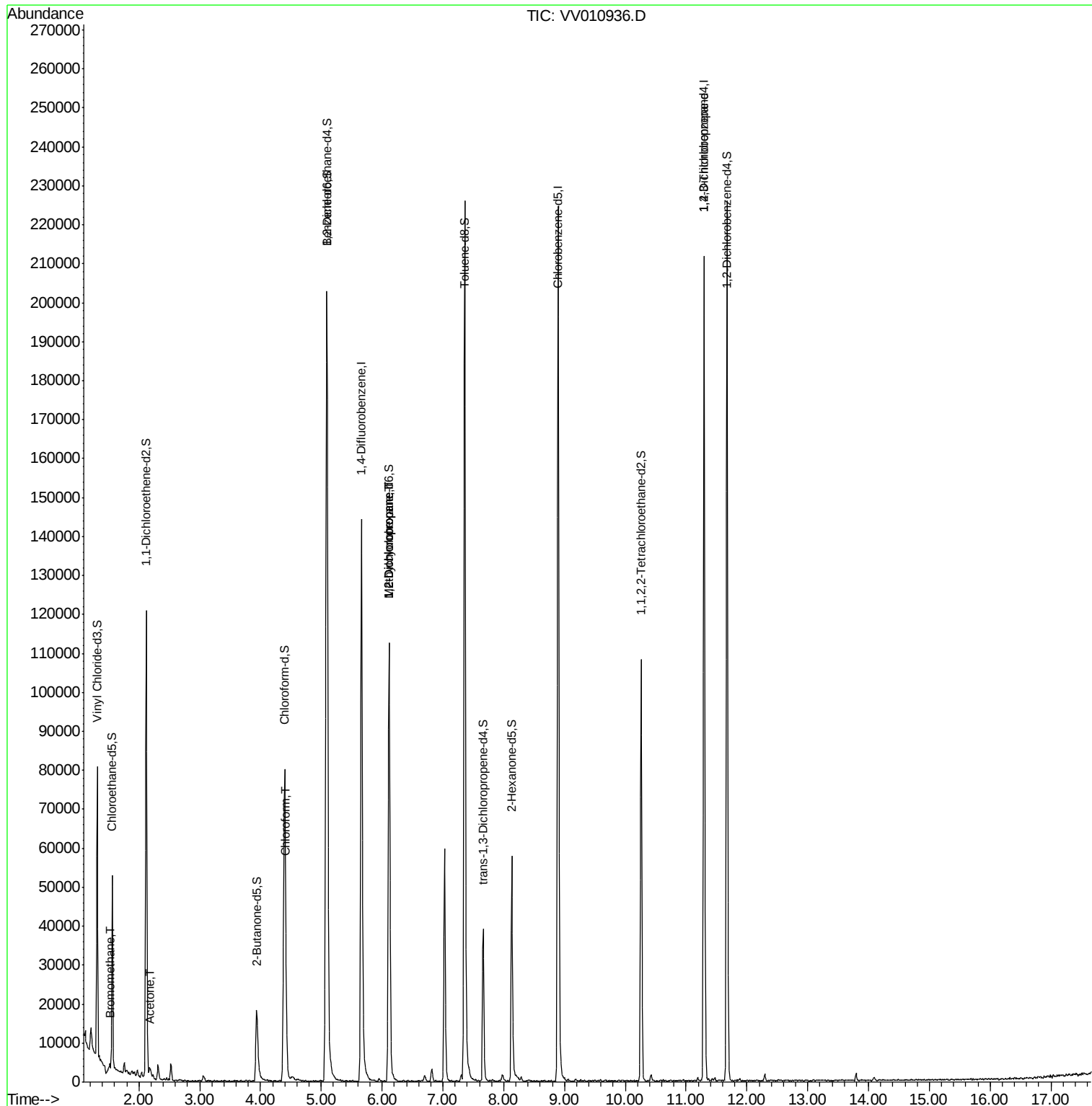
					Qvalue
6) Bromomethane	1.51	94	463	1.095 ug/L	93
13) Acetone	2.19	43	826	1.589 ug/L	83
25) Chloroform	4.42	83	6610	1.800 ug/L	93
36) Methylcyclohexane	6.12	83	13599	5.025 ug/L #	19
40) 1,2-Dichloropropane	6.11	63	5894	2.884 ug/L #	88
59) 1,2,3-Trichloropropane	11.30	75	7041	4.470 ug/L	92

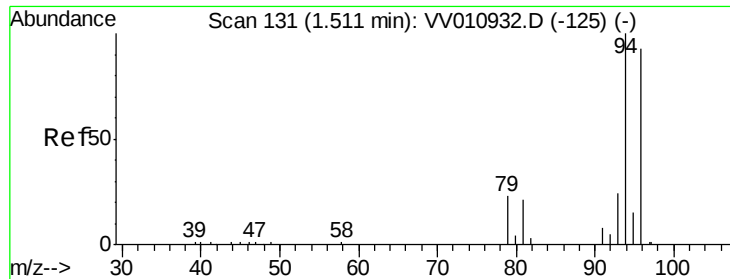
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 1.095 ug/L

RT: 1.51 min Scan# 132

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

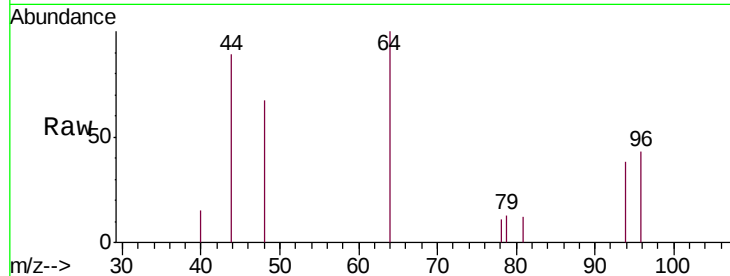
VHBLK01

Tgt Ion: 94 Resp: 463

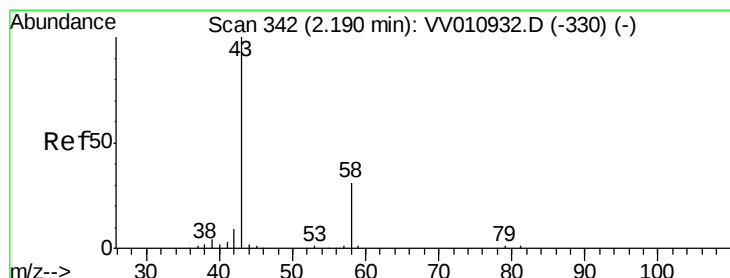
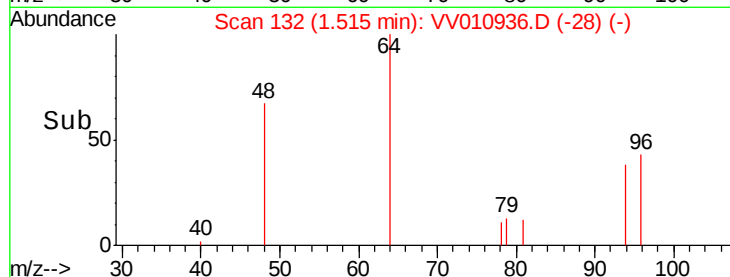
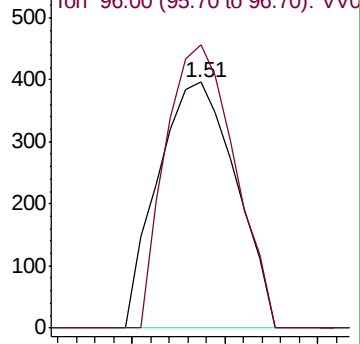
Ion Ratio Lower Upper

94 100

96 101.9 9.6 181.6



Abundance Ion 94.00 (93.70 to 94.70): VV010936.D (-125) (-)



#13

Acetone

Concen: 1.589 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV010936.D

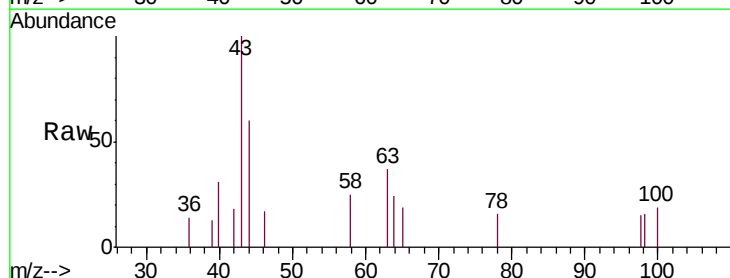
Acq: 16 May 2019 18:54

Tgt Ion: 43 Resp: 826

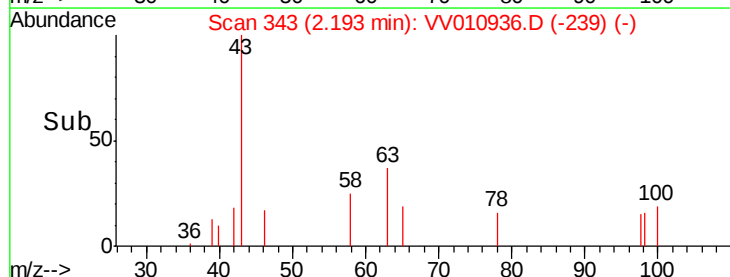
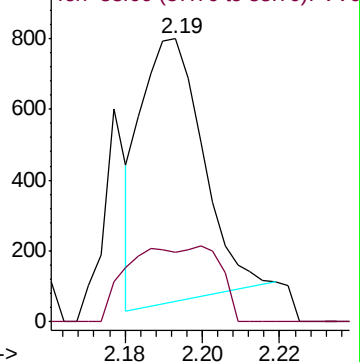
Ion Ratio Lower Upper

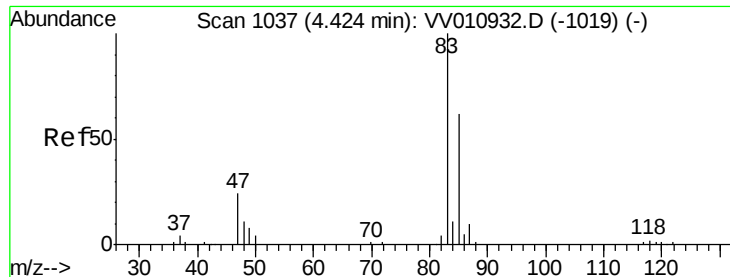
43 100

58 24.8 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VV010936.D (-330) (-)

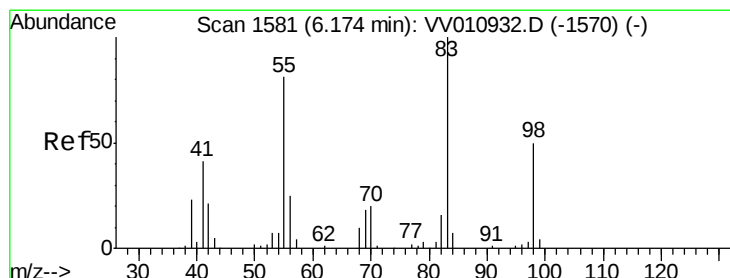
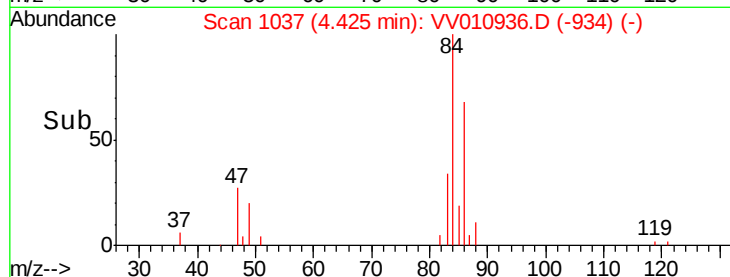
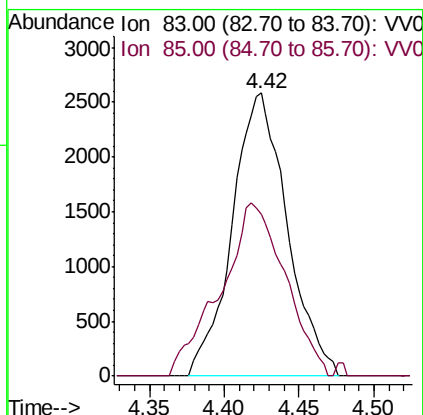
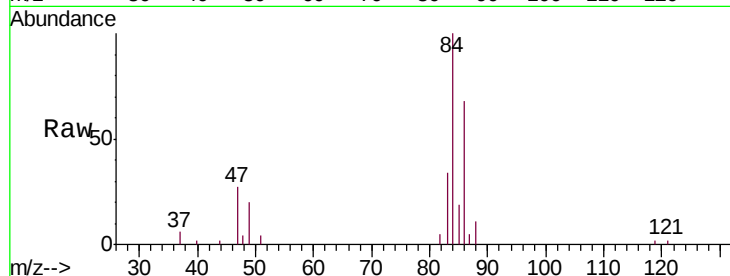




#25
Chloroform
Concen: 1.800 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV010936.D
Acq: 16 May 2019 18:54

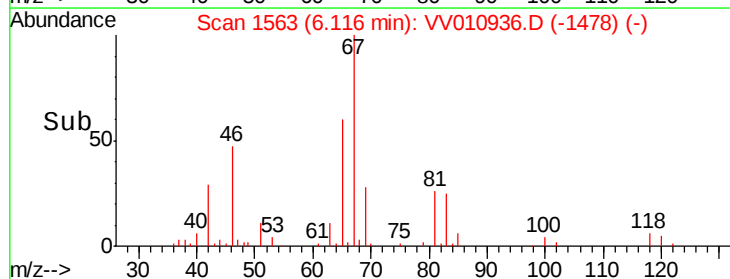
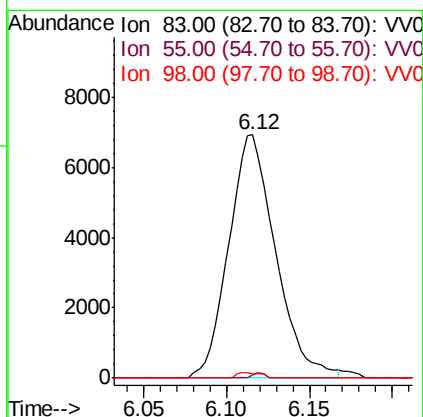
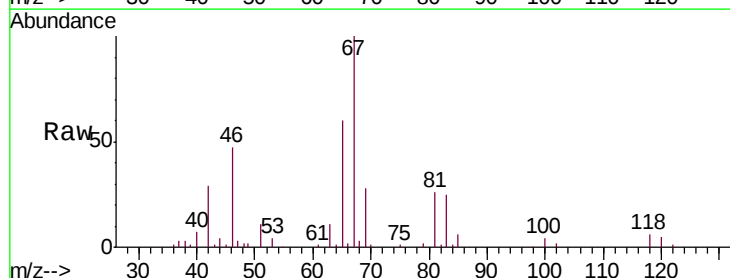
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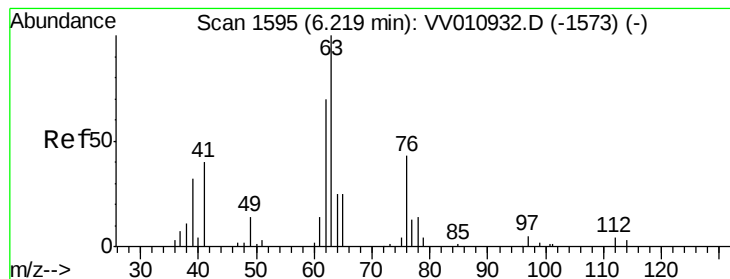
Tgt Ion: 83 Resp: 6610
Ion Ratio Lower Upper
83 100
85 59.0 45.3 84.1



#36
Methylcyclohexane
Concen: 5.025 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010936.D
Acq: 16 May 2019 18:54

Tgt Ion: 83 Resp: 13599
Ion Ratio Lower Upper
83 100
55 0.5 61.0 91.4#
98 1.2 37.2 55.8#





#40

1,2-Dichloropropane

Concen: 2.884 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

Lab File: VV010936.D

Acq: 16 May 2019 18:54

Instrument :

MSVOA_V

ClientSampleId :

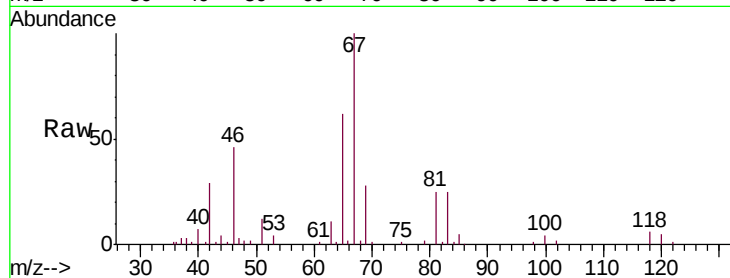
VHBLK01

Tgt Ion: 63 Resp: 5894

Ion Ratio Lower Upper

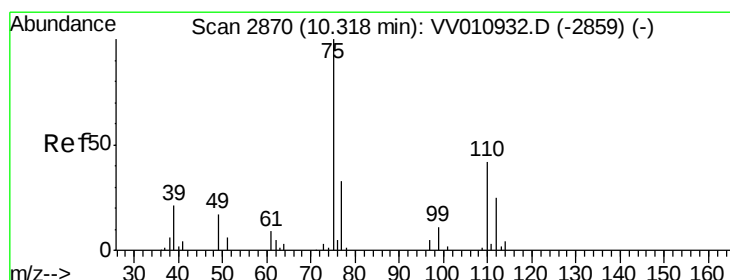
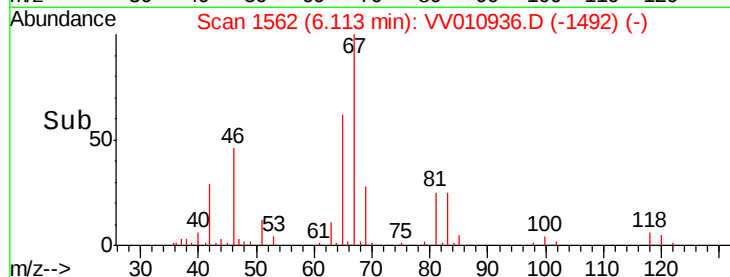
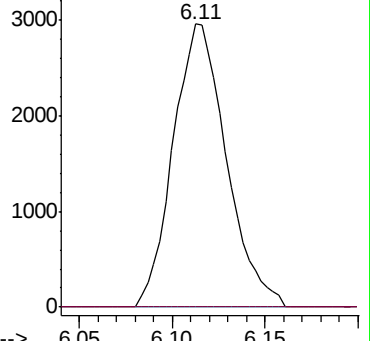
63 100

112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VV010932.D (-1573) (-)

Ion 112.00 (111.70 to 112.70): VV010932.D (-1573) (-)



#59

1,2,3-Trichloropropane

Concen: 4.470 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010936.D

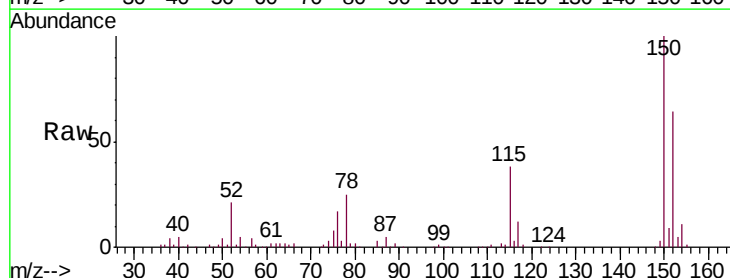
Acq: 16 May 2019 18:54

Tgt Ion: 75 Resp: 7041

Ion Ratio Lower Upper

75 100

77 37.3 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VV010932.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV010932.D (-2859) (-)

