

Data File : VV014628.D
Acq On : 20 Feb 2020 16:59
Operator : SY/MD
Sample : L1607-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP0

Quant Time: Feb 21 03:35:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 21 03:31:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	266980	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	251992	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	123317	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34725	33.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.74%
7) Chloroethane-d5	1.58	69	29167	40.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.90%
11) 1,1-Dichloroethene-d2	2.13	63	54253	31.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.42%
21) 2-Butanone-d5	3.94	46	85221	100.23	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.23%
24) Chloroform-d	4.40	84	135149	45.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.08	65	90044	48.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.10%
32) Benzene-d6	5.10	84	273979	45.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.92%
36) 1,2-Dichloropropane-d6	6.12	67	84471	46.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.08%
41) Toluene-d8	7.36	98	252717	43.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.18%
43) trans-1,3-Dichloropropene-	7.66	79	44596	44.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.12%
47) 2-Hexanone-d5	8.13	63	71421	98.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.47%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	118438	48.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.16%
64) 1,2-Dichlorobenzene-d4	11.67	152	104643	48.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.06%

Target Compounds

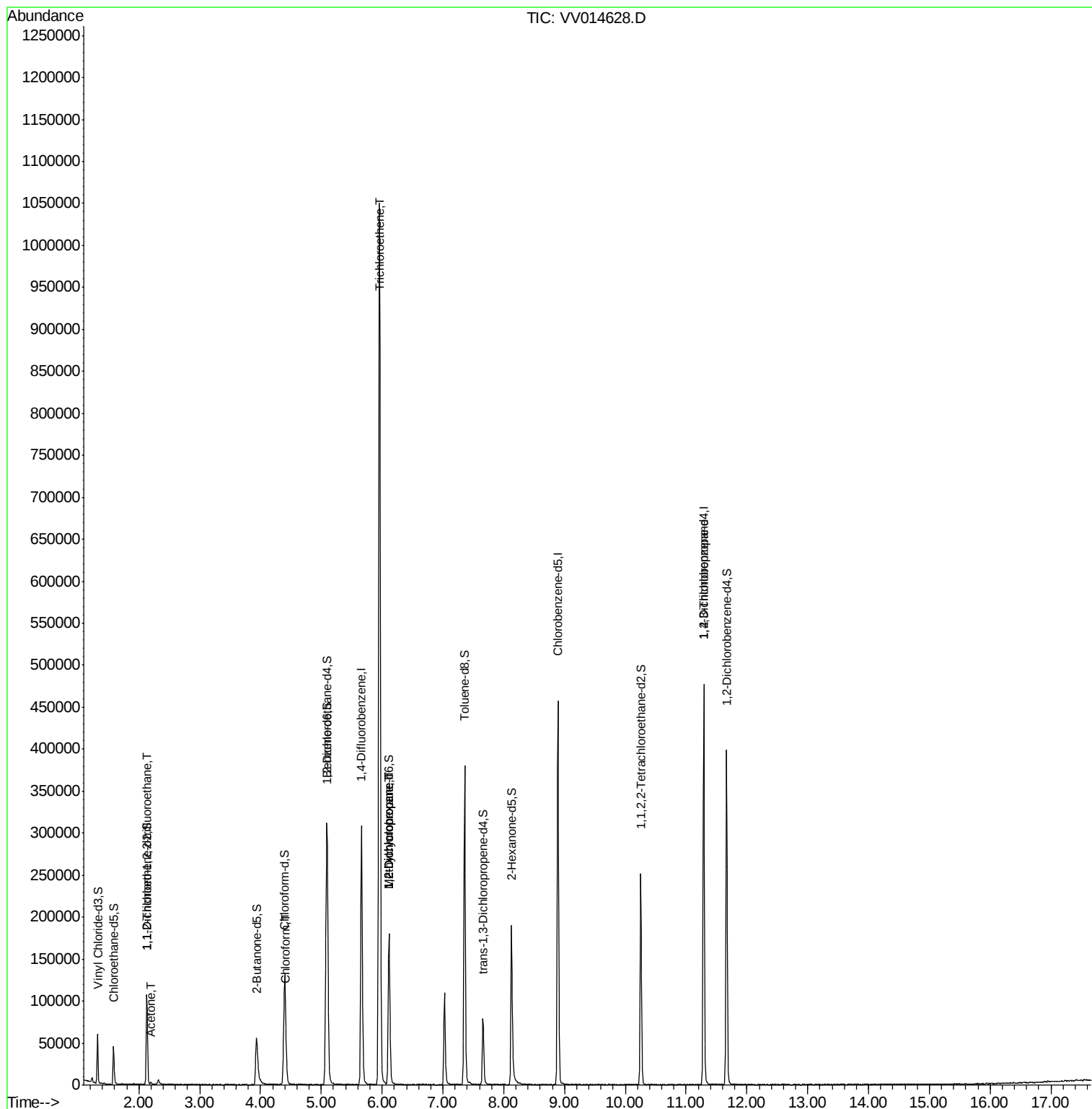
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	638	0.724	ug/L #	35
13) Acetone	2.20	43	2143	2.938	ug/L	93
25) Chloroform	4.43	83	5743	1.833	ug/L	86
34) Trichloroethene	5.96	95	370722	207.644	ug/L	98
35) Methylcyclohexane	6.11	83	21513	7.696	ug/L #	21
37) 1,2-Dichloropropane	6.12	63	9687	5.930	ug/L #	85
59) 1,2,3-Trichloropropane	11.29	75	13551	6.446	ug/L #	86

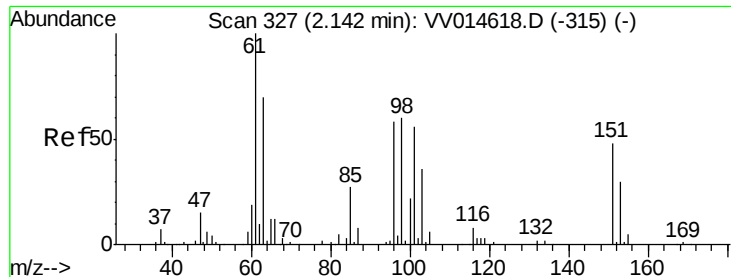
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.724 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014628.D

Acq: 20 Feb 2020 16:59

Instrument :

MSVOA_V

ClientSampled :

C0AP0

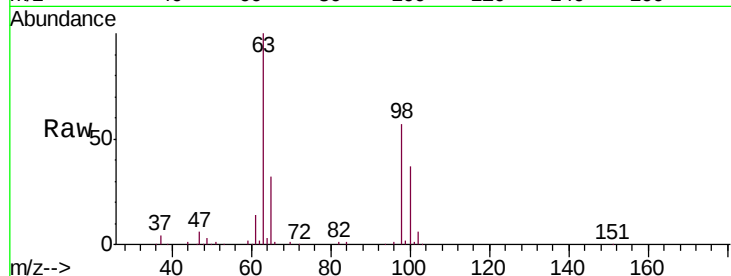
Tgt Ion:101 Resp: 638

Ion Ratio Lower Upper

101 100

85 7.1 35.4 53.0#

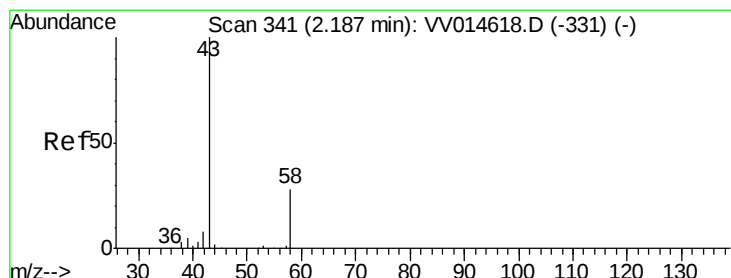
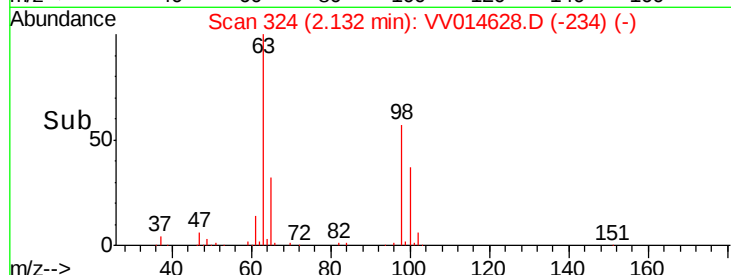
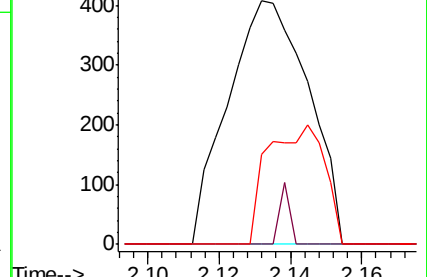
151 20.1 65.4 98.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 2.938 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

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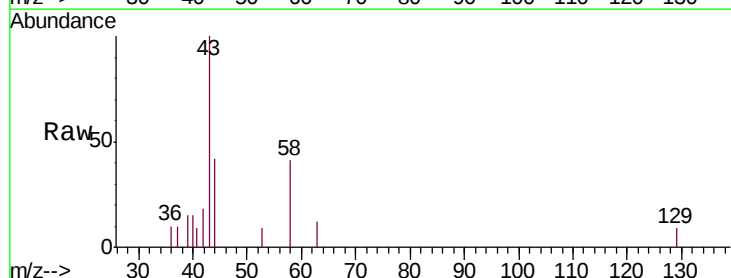
Acq: 20 Feb 2020 16:59

Tgt Ion: 43 Resp: 2143

Ion Ratio Lower Upper

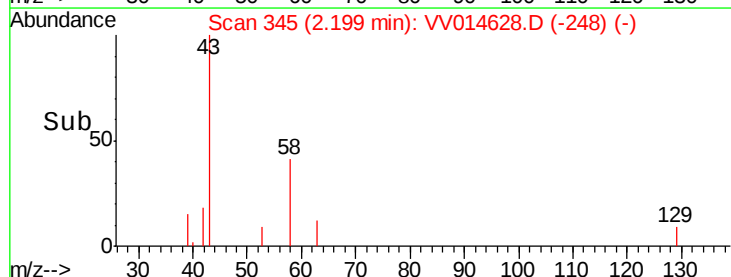
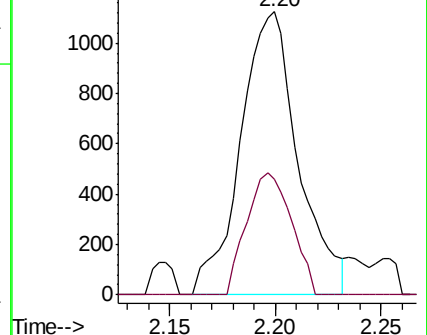
43 100

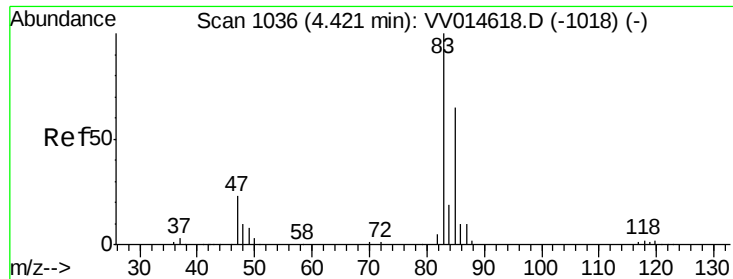
58 33.4 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

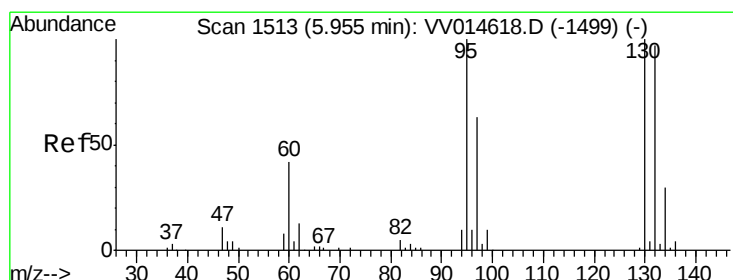
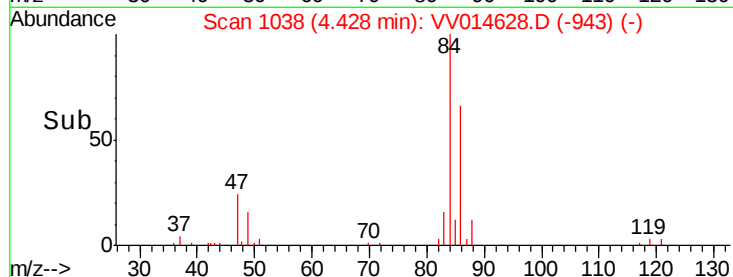
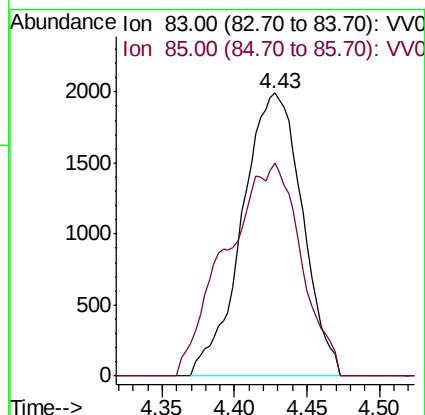
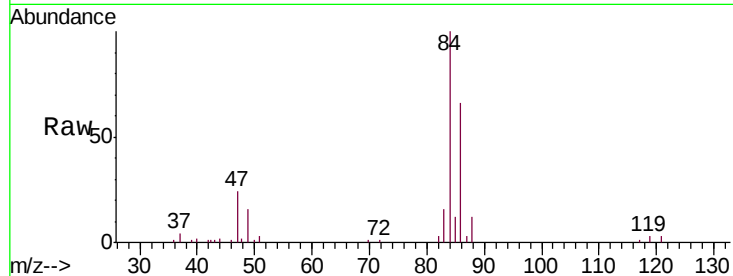




#25
Chloroform
Concen: 1.833 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
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Acq: 20 Feb 2020 16:59

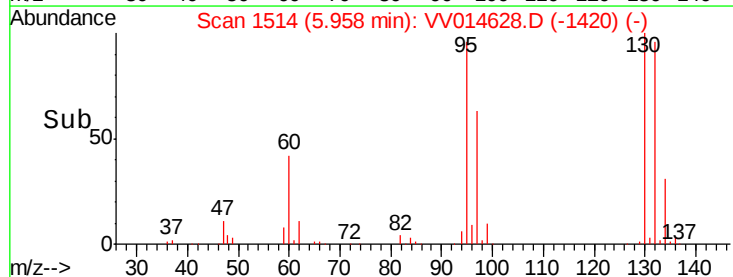
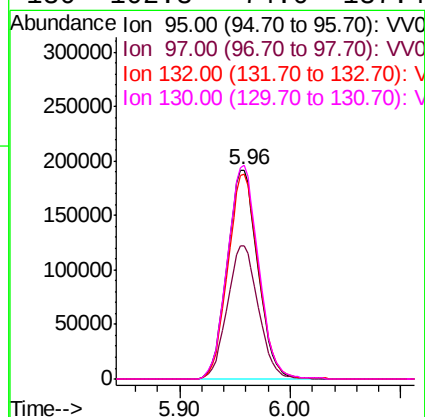
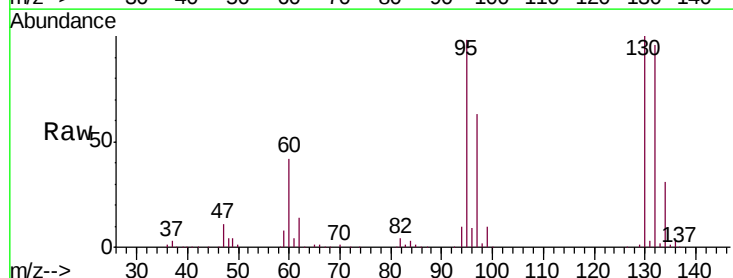
Instrument :
MSVOA_V
ClientSampleId :
C0AP0

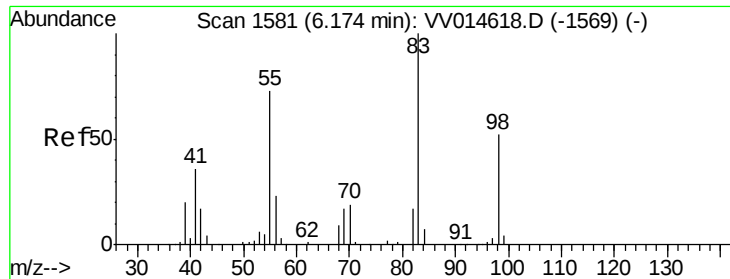
Tgt Ion: 83 Resp: 5743
Ion Ratio Lower Upper
83 100
85 75.3 45.0 83.6



#34
Trichloroethene
Concen: 207.644 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV014628.D
Acq: 20 Feb 2020 16:59

Tgt Ion: 95 Resp: 370722
Ion Ratio Lower Upper
95 100
97 64.0 45.3 84.1
132 98.3 69.6 129.2
130 102.3 74.0 137.4





#35

Methylcyclohexane

Concen: 7.696 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV014628.D

Acq: 20 Feb 2020 16:59

Instrument :

MSVOA_V

ClientSampleId :

C0AP0

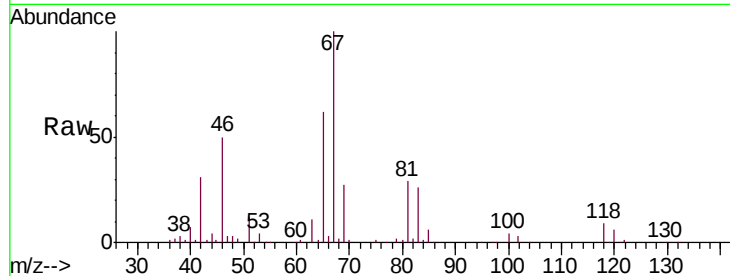
Tgt Ion: 83 Resp: 21513

Ion Ratio Lower Upper

83 100

55 1.2 57.8 86.6#

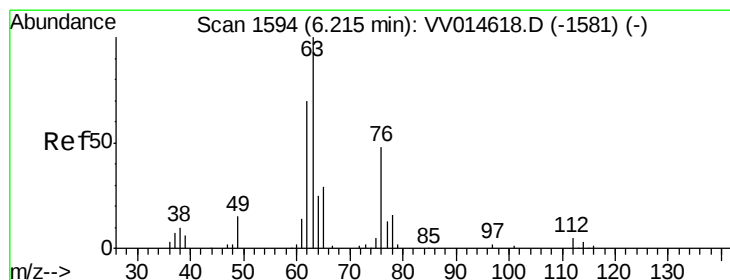
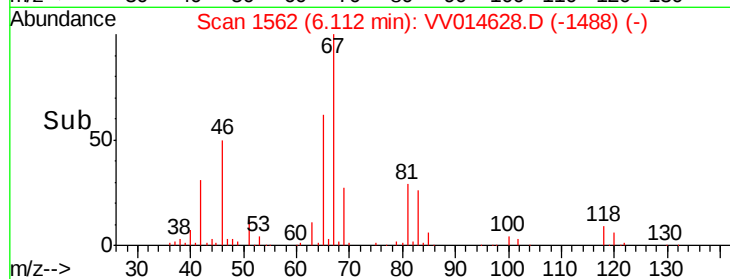
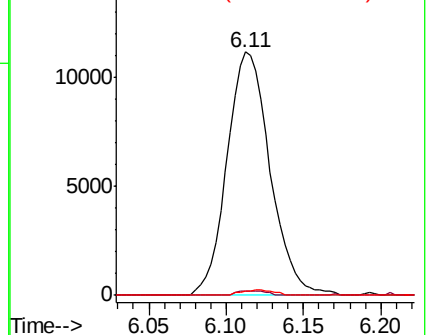
98 1.6 39.7 59.5#



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#37

1,2-Dichloropropane

Concen: 5.930 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV014628.D

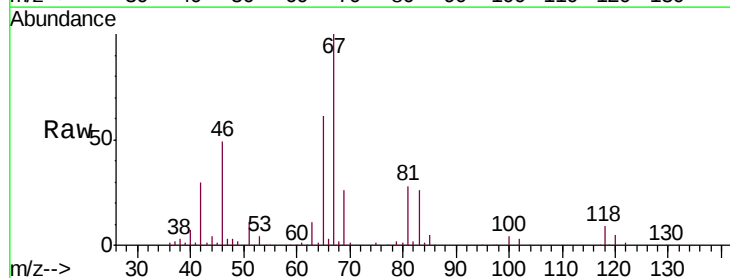
Acq: 20 Feb 2020 16:59

Tgt Ion: 63 Resp: 9687

Ion Ratio Lower Upper

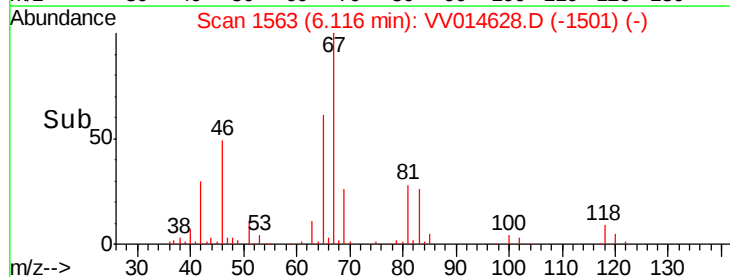
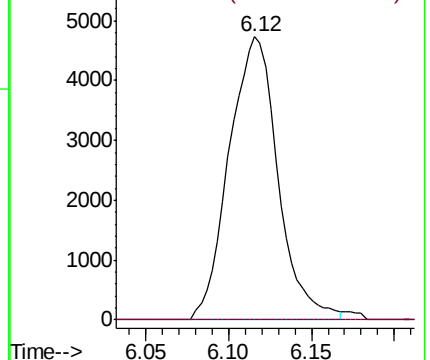
63 100

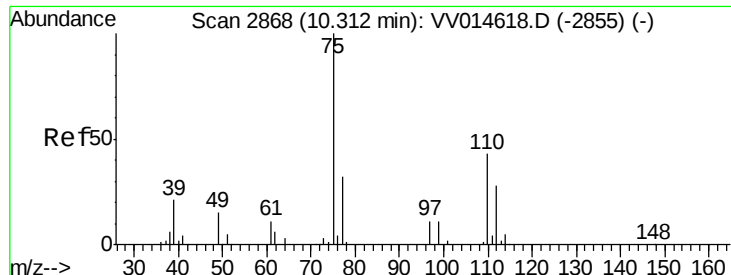
112 0.0 4.1 6.1#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V





#59

1,2,3-Trichloropropane

Concen: 6.446 ug/L

RT: 11.29 min Scan# 3171

Delta R.T. 0.97 min

Lab File: VV014628.D

Acq: 20 Feb 2020 16:59

Instrument :

MSVOA_V

ClientSampleId :

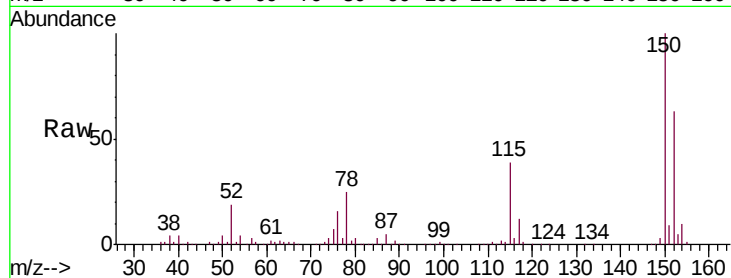
C0AP0

Tgt Ion: 75 Resp: 13551

Ion Ratio Lower Upper

75 100

77 40.3 25.9 38.9#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

