

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\
 Data File : VV017218.D
 Acq On : 27 Jun 2020 06:35
 Operator : SY/MD
 Sample : L3133-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 27 07:01:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 27 03:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	349560	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	329003	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	153113	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94182	38.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.36%
7) Chloroethane-d5	1.58	69	65504	44.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.52%
11) 1,1-Dichloroethene-d2	2.12	63	150027	36.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.44%
21) 2-Butanone-d5	3.91	46	151935	83.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.23%
24) Chloroform-d	4.38	84	224881	44.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.68%
26) 1,2-Dichloroethane-d4	5.06	65	167681	49.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.30%
32) Benzene-d6	5.08	84	422850	44.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.18%
36) 1,2-Dichloropropane-d6	6.09	67	128083	43.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.66%
41) Toluene-d8	7.34	98	386316	44.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.78%
43) trans-1,3-Dichloropropene-	7.64	79	61695	40.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.14%
47) 2-Hexanone-d5	8.11	63	100013	77.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.60%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	167585	42.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	158216	48.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.84%

Target Compounds

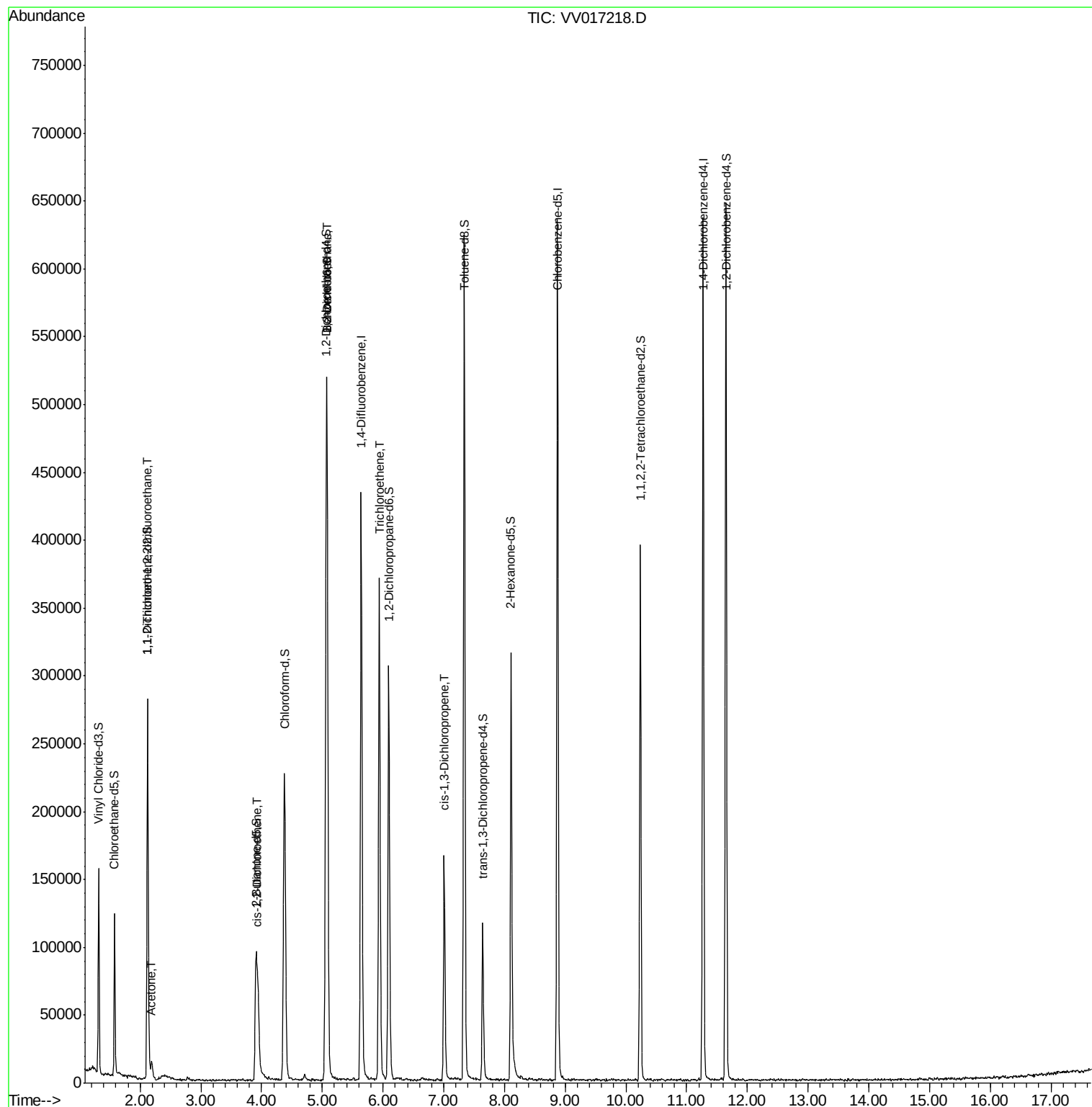
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1235	0.665	ug/L	# 19
13) Acetone	2.19	43	15604	12.973	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	23985	9.300	ug/L	93
27) 1,2-Dichloroethane	5.07	62	3019	0.787	ug/L	100
34) Trichloroethene	5.94	95	121129	46.397	ug/L	98
39) cis-1,3-Dichloropropene	7.01	75	4754	1.209	ug/L	88

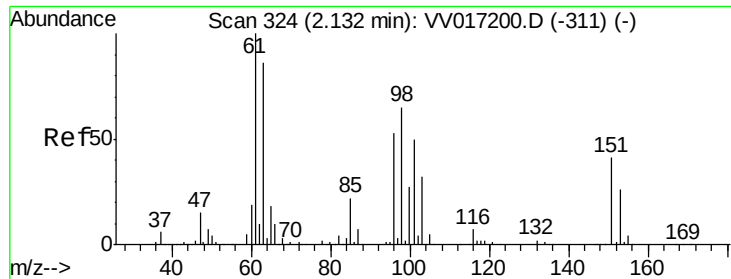
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 27 03:31:05 2020
Response via : Initial Calibration





#10

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

Concen: 0.665 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017218.D

Acq: 27 Jun 2020 06:35

Instrument :

MSVOA_V

ClientSampleId :

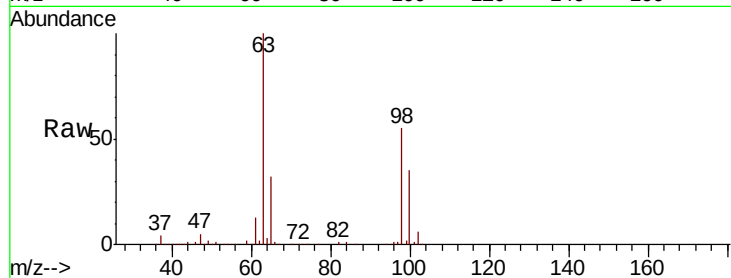
Tot Ion:101 Resp: 1235

Ion Ratio Lower Upper

101 100

85 3.3 35.5 53.3#

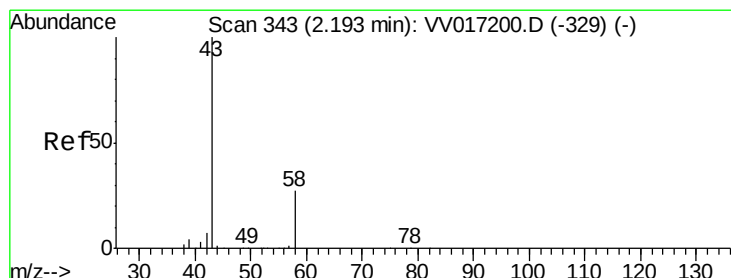
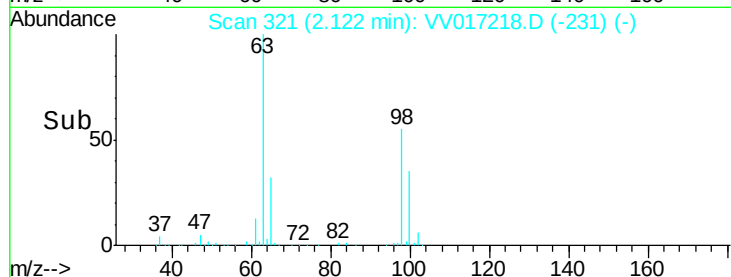
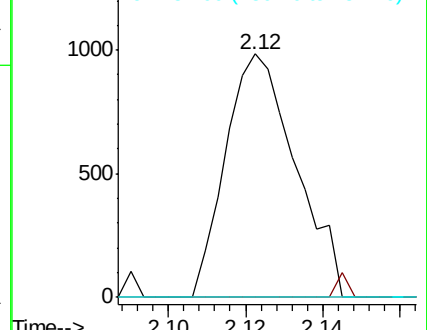
151 0.0 63.9 95.9#



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: 12.973 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

Lab File: VV017218.D

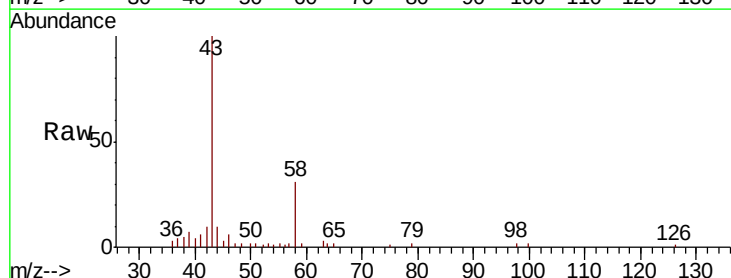
Acq: 27 Jun 2020 06:35

Tgt Ion: 43 Resp: 15604

Ion Ratio Lower Upper

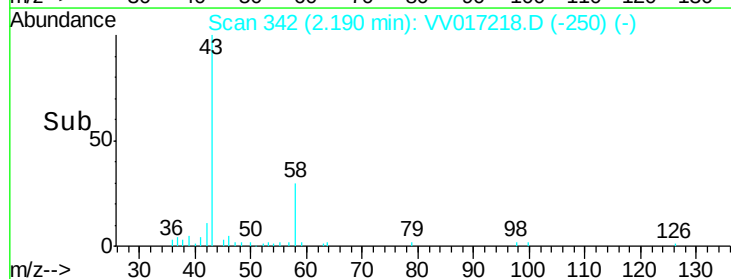
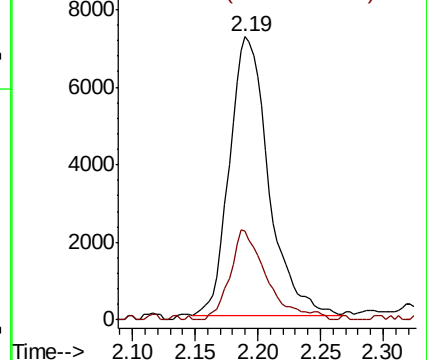
43 100

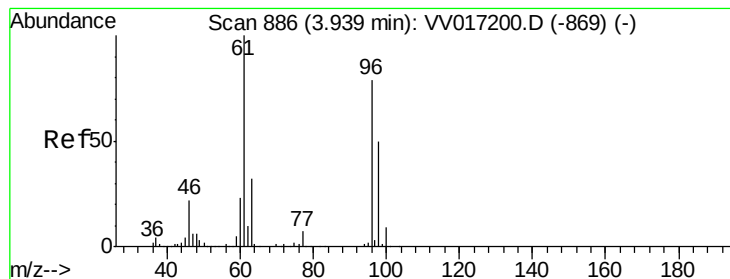
58 27.6 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



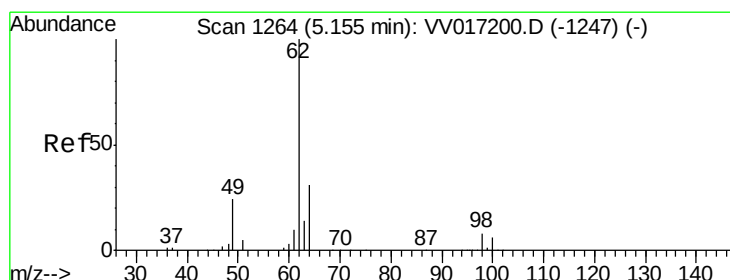
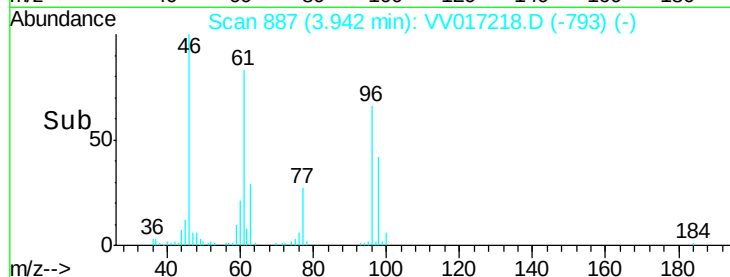
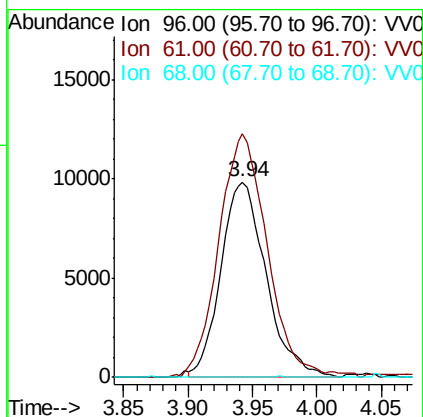
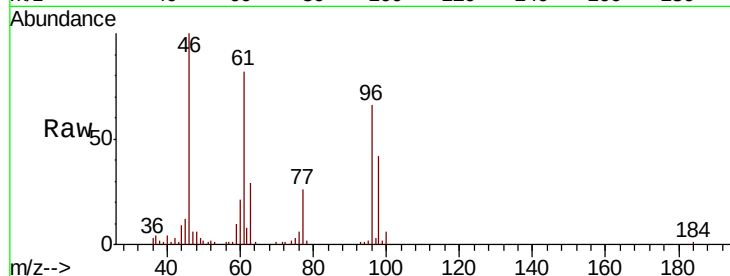


#20

cis-1,2-Dichloroethene
Concen: 9.300 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.00 min
Lab File: VV017218.D
Acq: 27 Jun 2020 06:35

Instrument :
MSVOA_V
ClientSampleId :

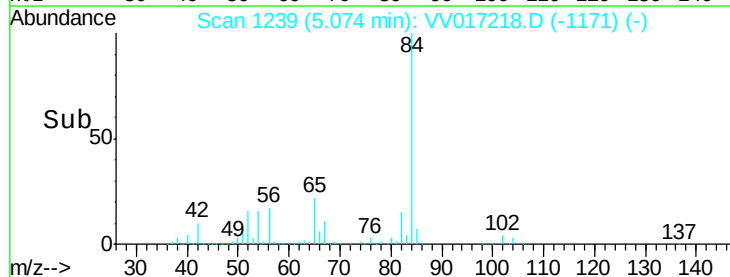
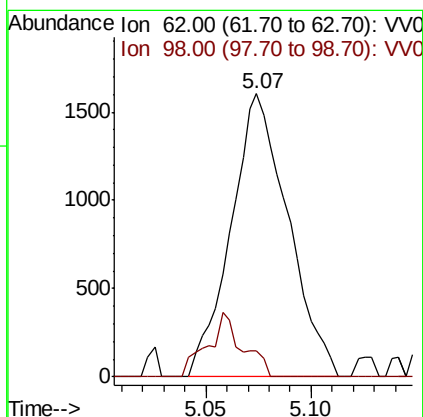
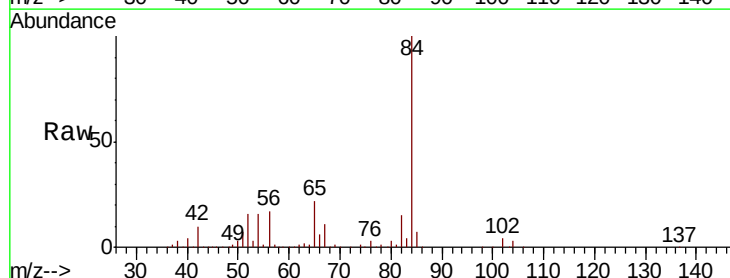
Tot Ion: 96 Resp: 23985
Ion Ratio Lower Upper
96 100
61 124.6 93.4 173.4
68 0.0 0.0 0.0

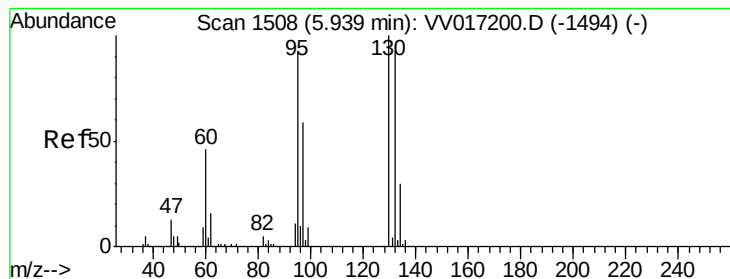


#27

1,2-Dichloroethane
Concen: 0.787 ug/L
RT: 5.07 min Scan# 1239
Delta R.T. -0.08 min
Lab File: VV017218.D
Acq: 27 Jun 2020 06:35

Tgt Ion: 62 Resp: 3019
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.2





#34

Trichloroethene

Concen: 46.397 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. -0.00 min

Lab File: VV017218.D

Acq: 27 Jun 2020 06:35

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 121129

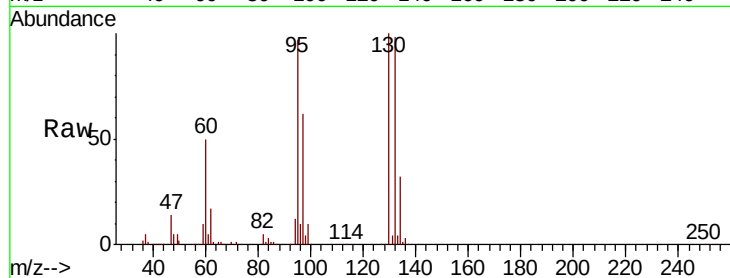
Ion Ratio Lower Upper

95 100

97 64.3 44.3 82.3

132 101.0 67.9 126.1

130 102.9 72.2 134.2

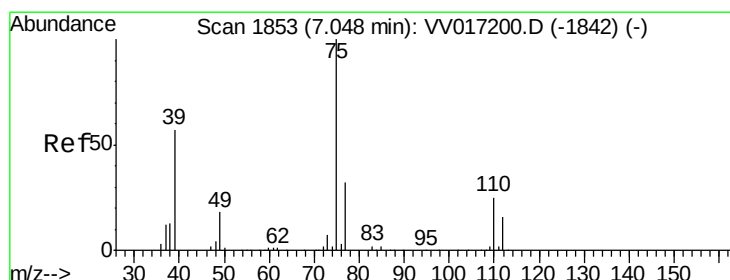
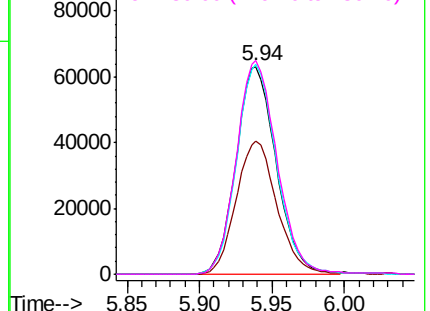
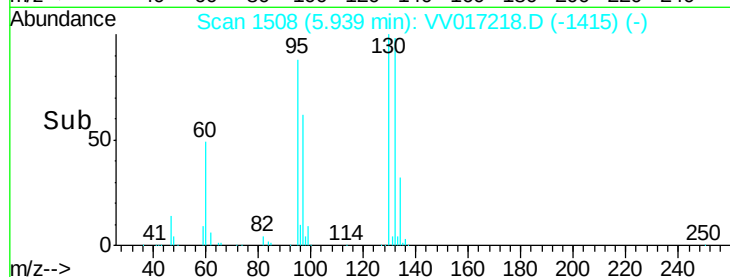


Abundance Ion 95.00 (94.70 to 95.70): VV017218.D (-1415) (-)

Ion 97.00 (96.70 to 97.70): VV017218.D (-1415) (-)

Ion 132.00 (131.70 to 132.70): VV017218.D (-1415) (-)

Ion 130.00 (129.70 to 130.70): VV017218.D (-1415) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.209 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV017218.D

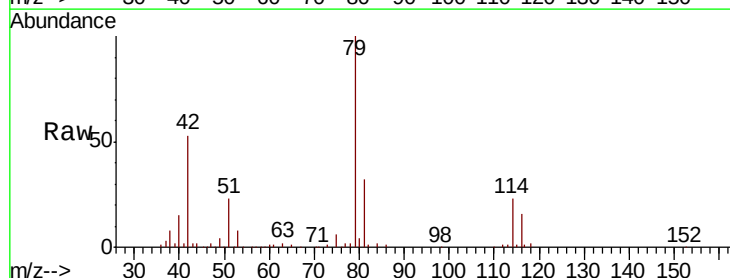
Acq: 27 Jun 2020 06:35

Tgt Ion: 75 Resp: 4754

Ion Ratio Lower Upper

75 100

77 39.1 22.7 42.1



Abundance Ion 75.00 (74.70 to 75.70): VV017218.D (-1760) (-)

Ion 77.00 (76.70 to 77.70): VV017218.D (-1760) (-)

