

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016743.D
 Acq On : 10 Jun 2020 01:33
 Operator : SY/MD
 Sample : L2901-07 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTT2

Quant Time: Jun 10 03:48:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 03:42:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	354812	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	328517	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	163796	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	85452	34.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.26%
7) Chloroethane-d5	1.56	69	67231	44.75	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.50%
11) 1,1-Dichloroethene-d2	2.12	63	126979	30.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.40%
21) 2-Butanone-d5	3.89	46	184265	99.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.44%
24) Chloroform-d	4.37	84	224440	44.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.18%
26) 1,2-Dichloroethane-d4	5.05	65	162027	46.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.58%
32) Benzene-d6	5.07	84	427562	45.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.30%
36) 1,2-Dichloropropane-d6	6.09	67	137358	46.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.06%
41) Toluene-d8	7.34	98	379422	43.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.32%
43) trans-1,3-Dichloropropene-	7.64	79	62116	40.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.80%
47) 2-Hexanone-d5	8.11	63	125205	97.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.29%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	186312	47.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	171071	48.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.88%

Target Compounds

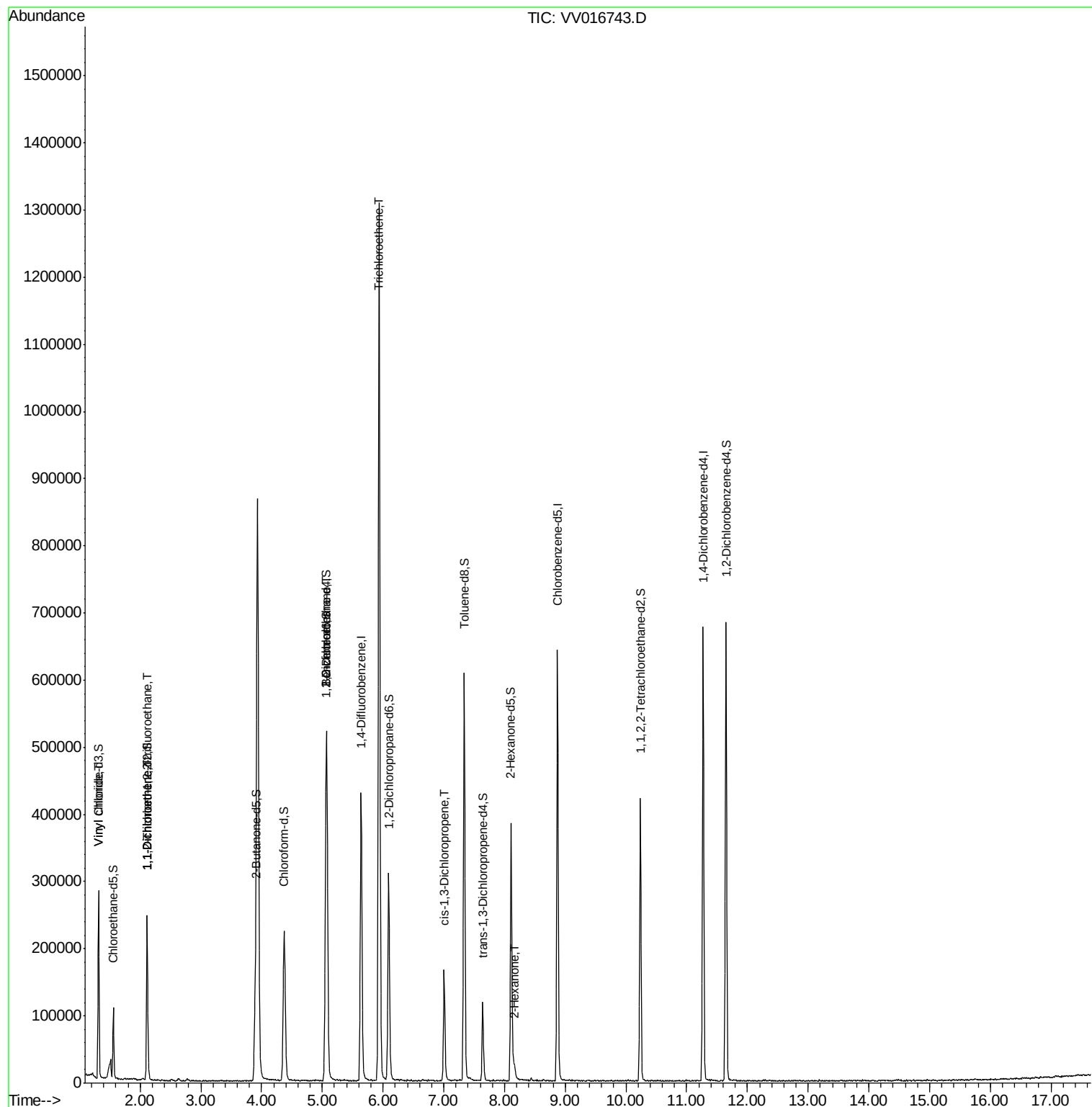
					Ovalue
5) Vinyl chloride	1.32	62	88398	34.943	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1331	0.706	ug/L # 21
12) 1,1-Dichloroethene	2.12	96	1731	0.983	ug/L # 1
27) 1,2-Dichloroethane	5.07	62	3383	0.869	ug/L 96
34) Trichloroethene	5.94	95	435035	166.883	ug/L 99
39) cis-1,3-Dichloropropene	7.01	75	4840	1.233	ug/L # 75
48) 2-Hexanone	8.17	43	10644	3.833	ug/L # 57

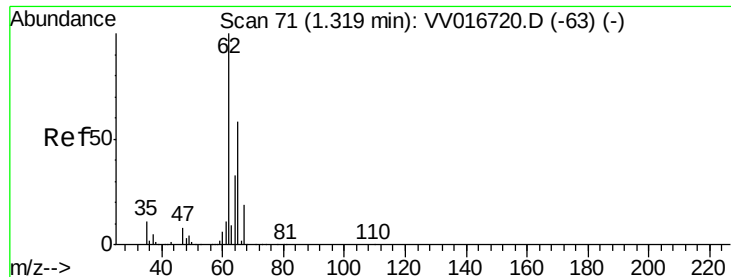
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 10 03:42:58 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 34.943 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV016743.D

Acq: 10 Jun 2020 01:33

Instrument :

MSVOA_V

ClientSampleId :

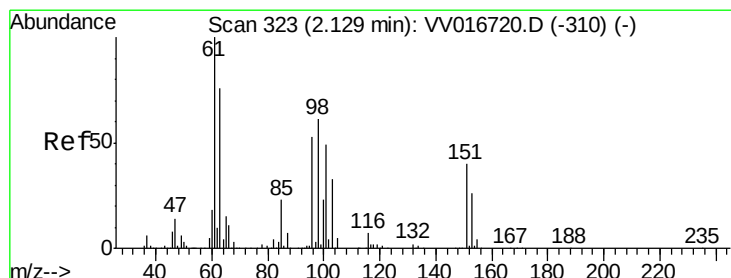
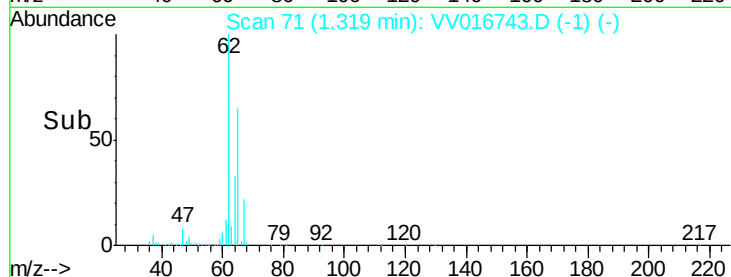
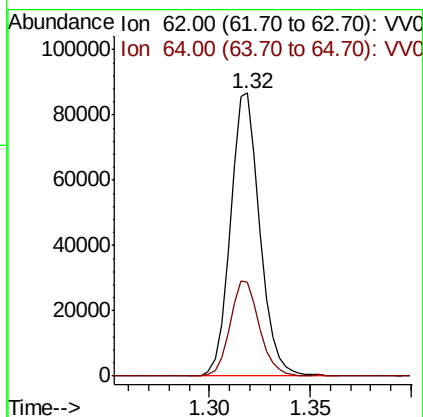
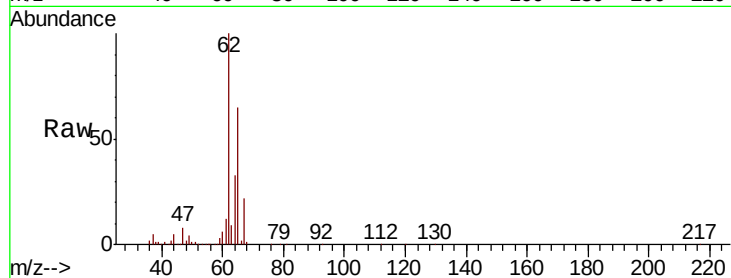
ETTT2

Tot Ion: 62 Resp: 88398

Ion Ratio Lower Upper

62 100

64 33.3 22.3 41.5



#10

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

Concen: 0.706 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016743.D

Acq: 10 Jun 2020 01:33

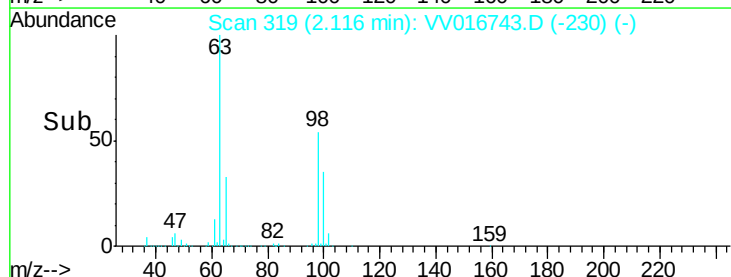
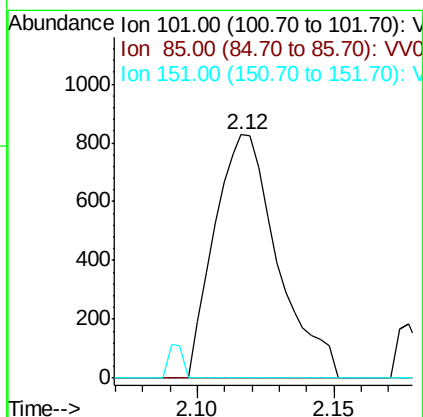
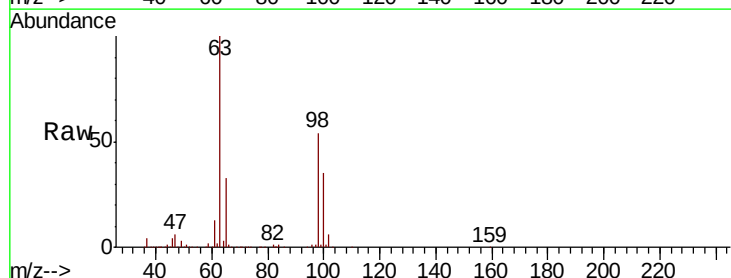
Tgt Ion: 101 Resp: 1331

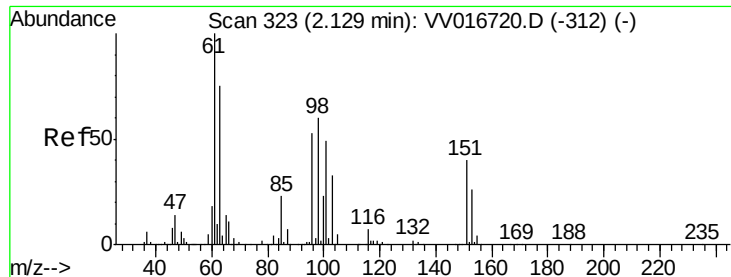
Ion Ratio Lower Upper

101 100

85 3.2 35.5 53.3#

151 3.2 63.9 95.9#





#12

1,1-Dichloroethene

Concen: 0.983 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016743.D

Acq: 10 Jun 2020 01:33

Instrument :

MSVOA_V

ClientSampleId :

ETTT2

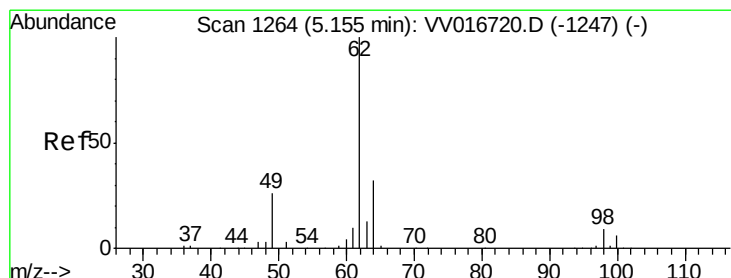
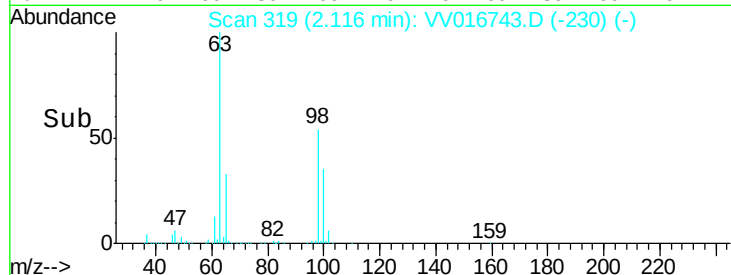
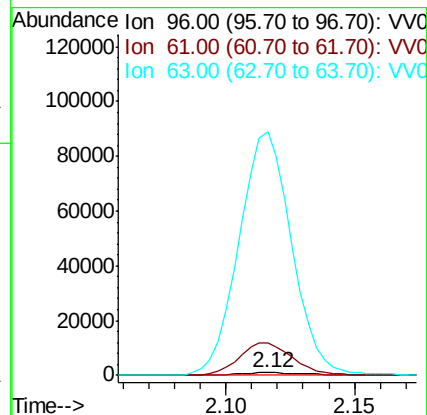
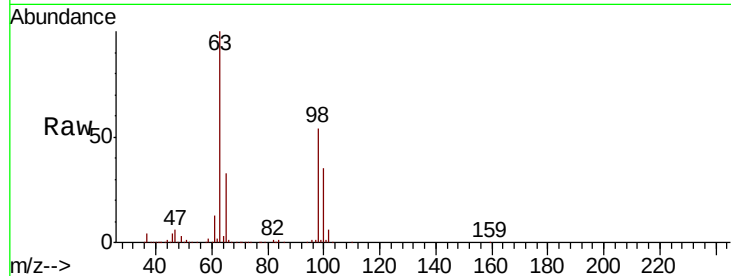
Tot Ion: 96 Resp: 1731

Ion Ratio Lower Upper

96 100

61 1126.4 130.4 242.2#

63 8405.3 103.3 191.9#



#27

1,2-Dichloroethane

Concen: 0.869 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV016743.D

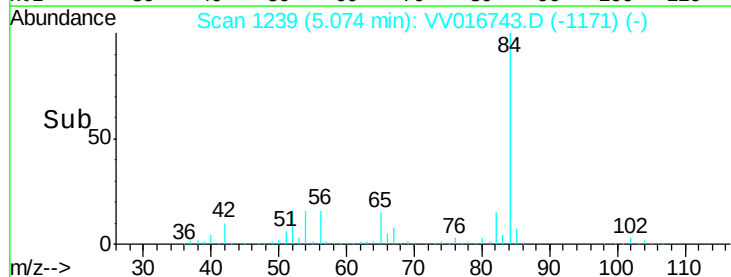
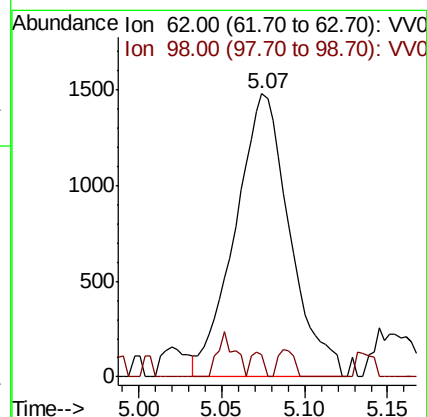
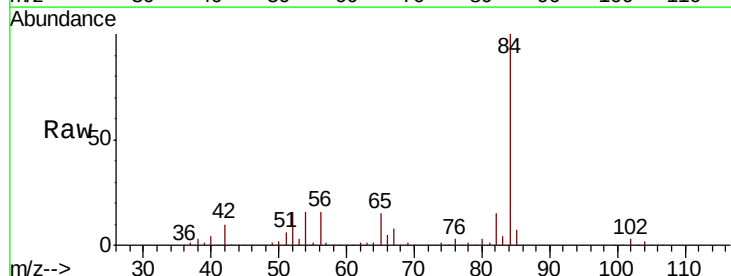
Acq: 10 Jun 2020 01:33

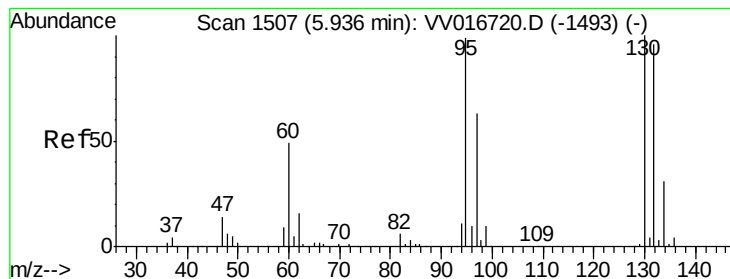
Tgt Ion: 62 Resp: 3383

Ion Ratio Lower Upper

62 100

98 8.0 7.4 11.2





#34

Trichloroethene

Concen: 166.883 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV016743.D

Acq: 10 Jun 2020 01:33

Instrument :

MSVOA_V

ClientSampleId :

ETTT2

Tot Ion: 95 Resp: 435035

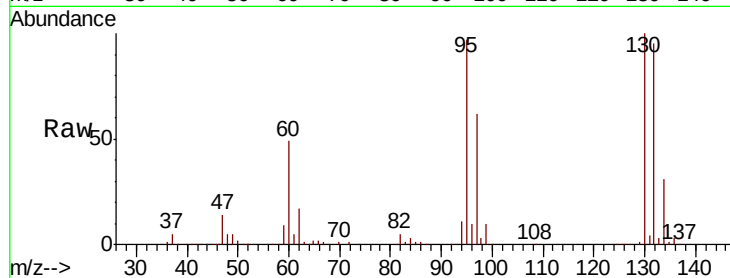
Ion Ratio Lower Upper

95 100

97 63.9 44.3 82.3

132 98.2 67.9 126.1

130 103.1 72.2 134.2

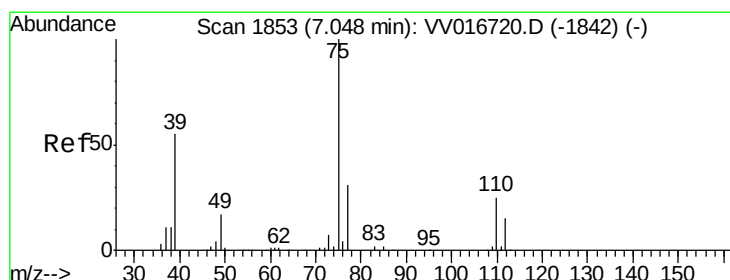
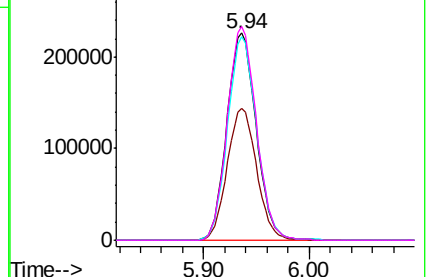
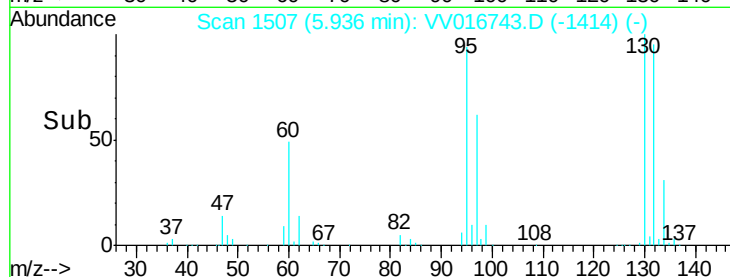


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#39

cis-1,3-Dichloropropene

Concen: 1.233 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV016743.D

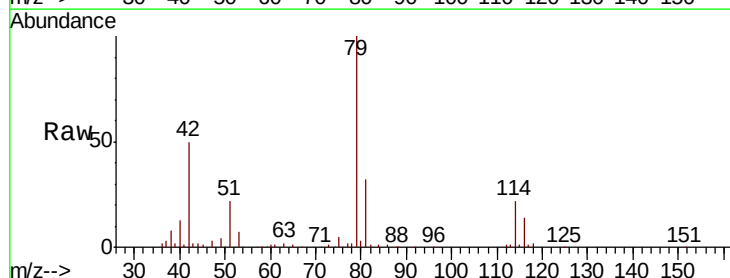
Acq: 10 Jun 2020 01:33

Tgt Ion: 75 Resp: 4840

Ion Ratio Lower Upper

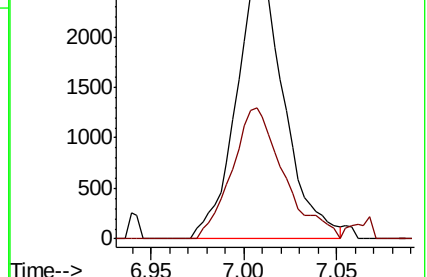
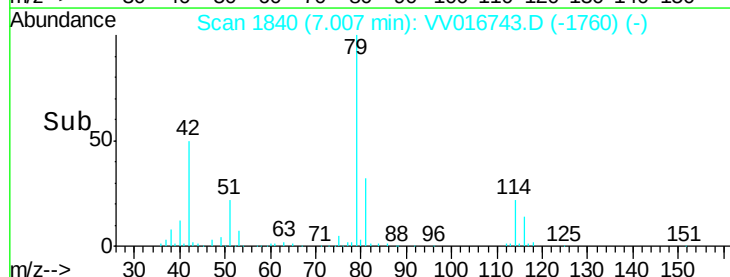
75 100

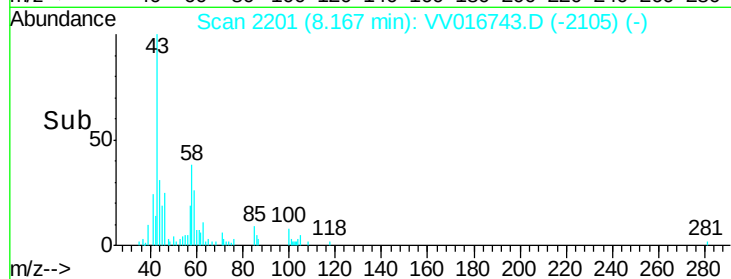
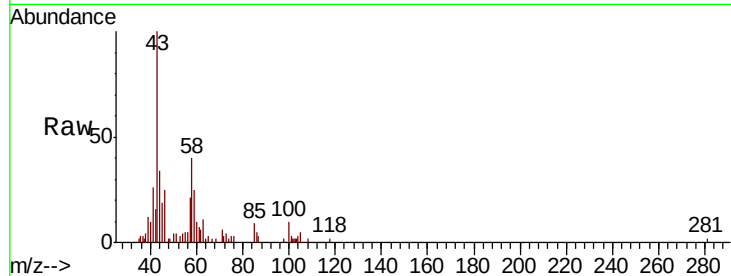
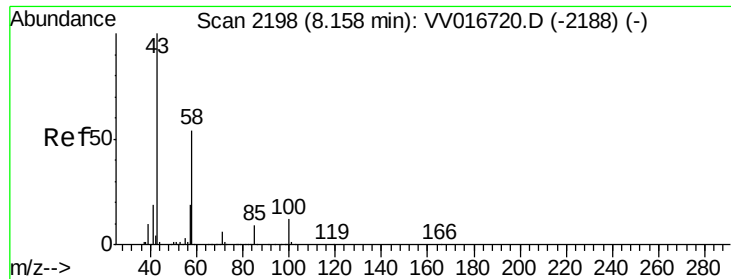
77 46.3 22.7 42.1#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#48

2-Hexanone

Concen: 3.833 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV016743.D

Acq: 10 Jun 2020 01:33

Instrument :

MSVOA_V

ClientSampleId :

ETTT2

Tot Ion: 43 Resp: 10644

Ion Ratio Lower Upper

43 100

58 9.0 43.1 64.7#

57 19.4 15.3 22.9

100 2.9 10.0 15.0#

