

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092120\
 Data File : VV018374.D
 Acq On : 21 Sep 2020 16:45
 Operator : SY/MD
 Sample : L4090-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWY0

Quant Time: Sep 22 04:37:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 22 04:28:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	270431	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	264659	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	131843	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	89548	40.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.26%
7) Chloroethane-d5	1.58	69	77804	43.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.28%
11) 1,1-Dichloroethene-d2	2.12	63	135178	33.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.88%
21) 2-Butanone-d5	3.92	46	116115	86.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.08%
24) Chloroform-d	4.38	84	170594	44.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.22%
26) 1,2-Dichloroethane-d4	5.06	65	114518	46.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.44%
32) Benzene-d6	5.08	84	345127	45.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.10%
36) 1,2-Dichloropropane-d6	6.09	67	112145	46.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.16%
41) Toluene-d8	7.34	98	308549	44.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.38%
43) trans-1,3-Dichloropropene-	7.64	79	54893	44.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.74%
47) 2-Hexanone-d5	8.11	63	76610	84.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.01%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	134645	44.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.12%
64) 1,2-Dichlorobenzene-d4	11.65	152	129856	47.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.92%

Target Compounds

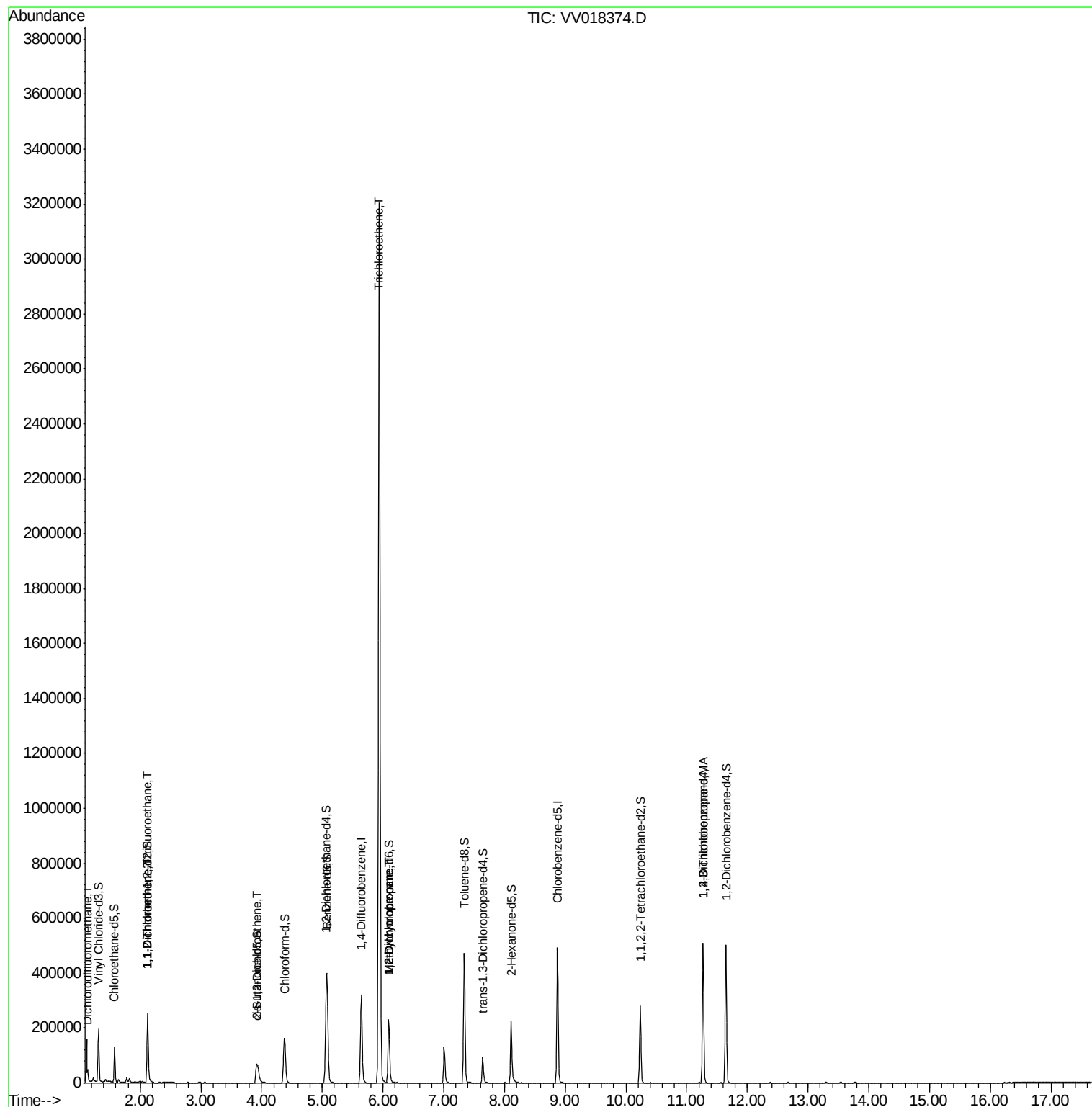
					Ovalue
2) Dichlorodifluoromethane	1.14	85	17728	8.990	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1317	0.722	ug/L # 19
12) 1,1-Dichloroethene	2.13	96	2490	1.402	ug/L # 1
20) cis-1,2-Dichloroethene	3.94	96	12820	6.554	ug/L 95
34) Trichloroethene	5.94	95	1112456	539.683	ug/L 99
35) Methylcyclohexane	6.09	83	26822	8.642	ug/L # 18
37) 1,2-Dichloropropane	6.09	63	11983	5.976	ug/L # 87
59) 1,2,3-Trichloropropane	11.27	75	15047	6.380	ug/L 93

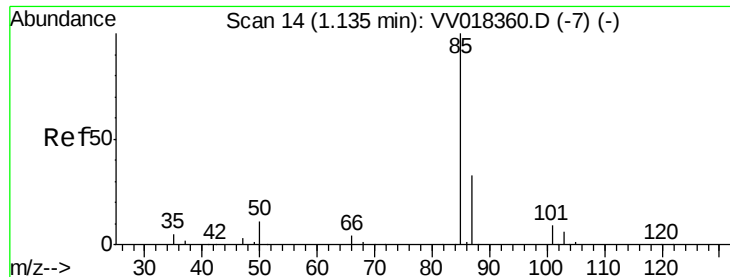
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 8.990 ug/L

RT: 1.14 min Scan# 14

Delta R.T. 0.00 min

Lab File: VV018374.D

Acq: 21 Sep 2020 16:45

Instrument :

MSVOA_V

ClientSampled :

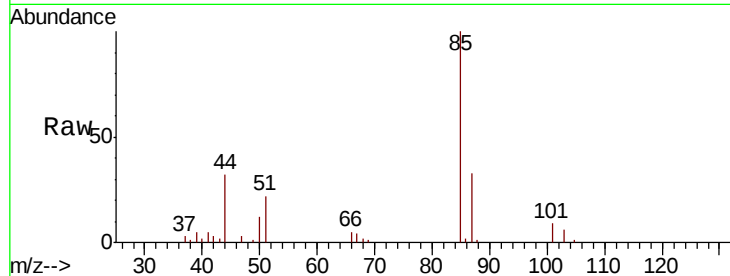
BFWY0

Tot Ion: 85.00 Resp: 17728

Ion Ratio Lower Upper

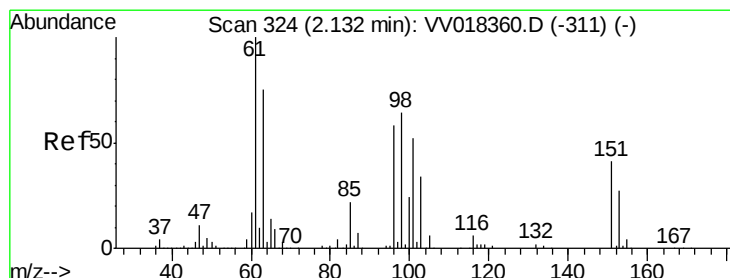
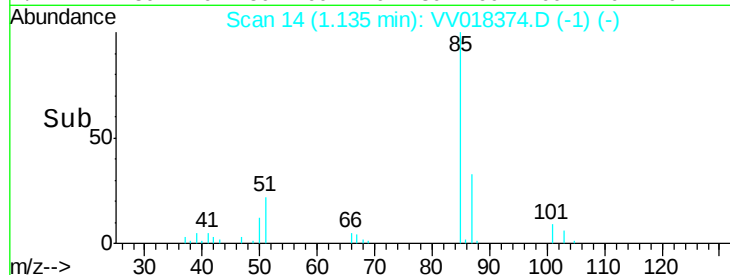
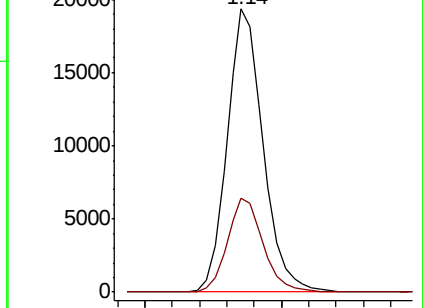
85 100

87 32.9 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VV018360.D (-7) (-)

Ion 87.00 (86.70 to 87.70): VV018360.D (-7) (-)



#10

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

Concen: 0.722 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018374.D

Acq: 21 Sep 2020 16:45

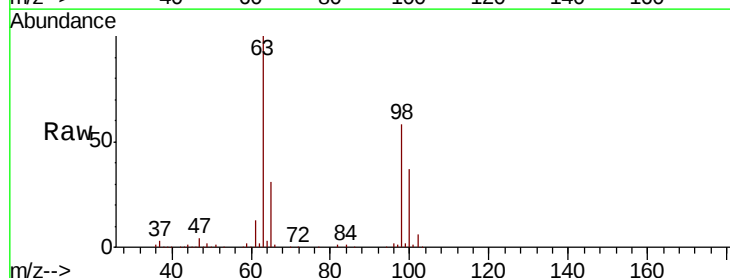
Tgt Ion: 101 Resp: 1317

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

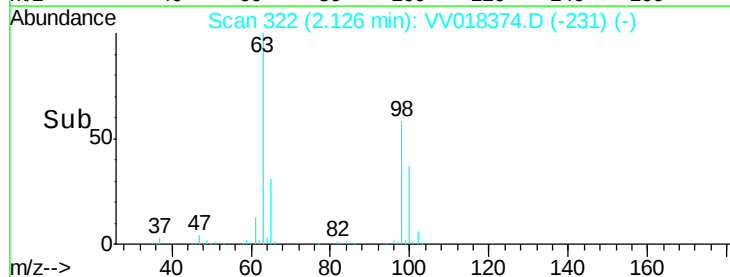
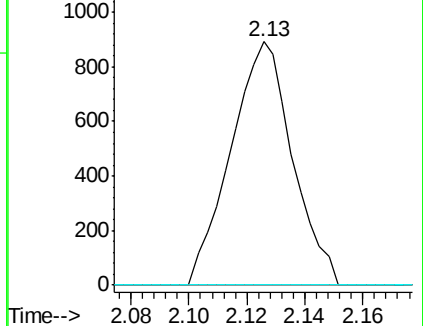
151 0.0 62.2 93.2#

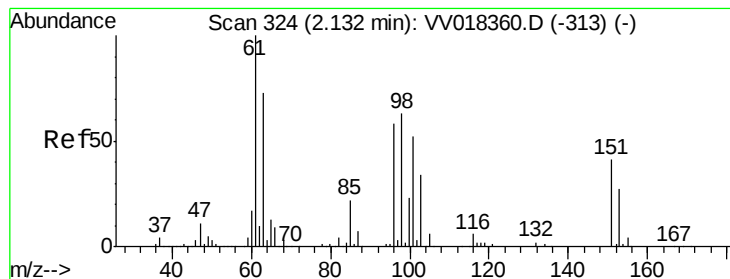


Abundance Ion 101.00 (100.70 to 101.70): VV018360.D (-311) (-)

Ion 85.00 (84.70 to 85.70): VV018360.D (-311) (-)

Ion 151.00 (150.70 to 151.70): VV018360.D (-311) (-)





#12

1,1-Dichloroethene

Concen: 1.402 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV018374.D

Acq: 21 Sep 2020 16:45

Instrument :

MSVOA_V

ClientSampleId :

BFWY0

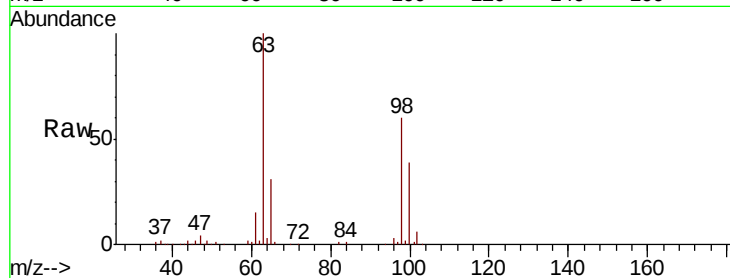
Tot Ion: 96 Resp: 2490

Ion Ratio Lower Upper

96 100

61 577.6 122.9 228.3#

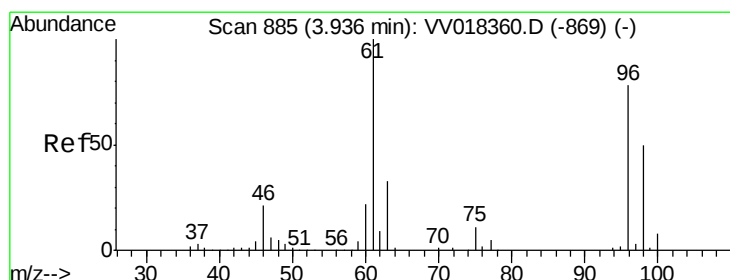
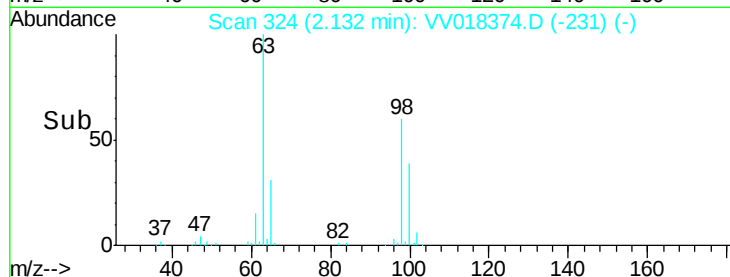
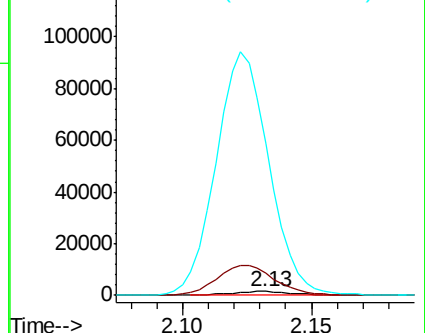
63 3944.5 91.9 170.7#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 6.554 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV018374.D

Acq: 21 Sep 2020 16:45

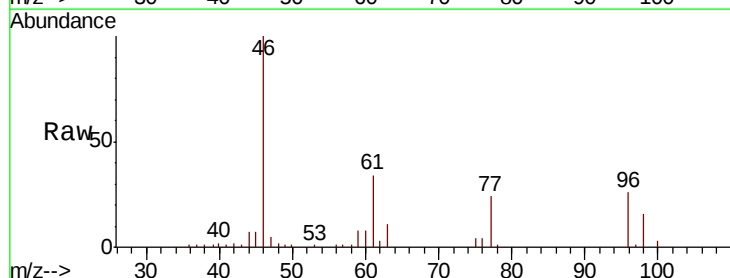
Tgt Ion: 96 Resp: 12820

Ion Ratio Lower Upper

96 100

61 127.5 93.6 173.8

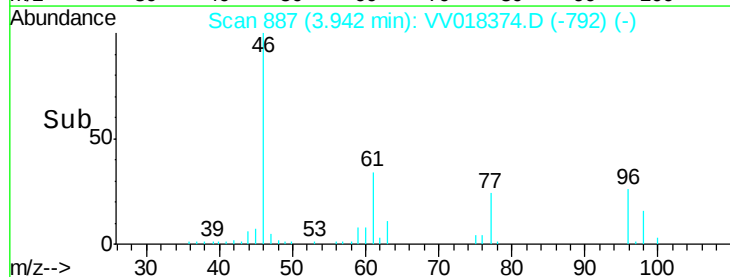
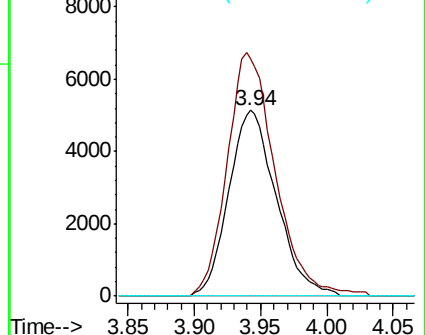
68 0.0 0.0 0.0

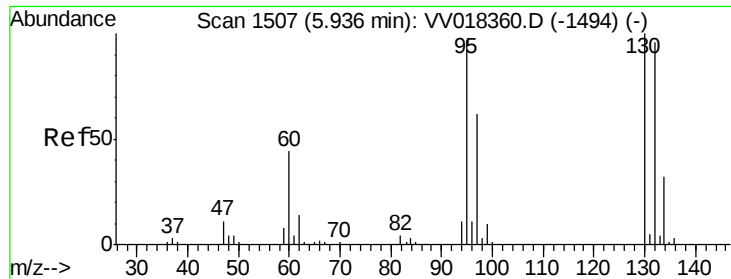


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#34

Trichloroethene

Concen: 539.683 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV018374.D

Acq: 21 Sep 2020 16:45

Instrument :

MSVOA_V

ClientSampleID :

BFWY0

Tot Ion: 95 Resp: 1112456

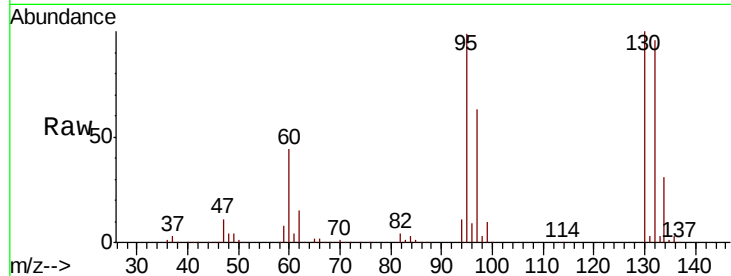
Ion Ratio Lower Upper

95 100

97 64.3 46.3 85.9

132 97.2 68.1 126.5

130 101.3 71.5 132.9

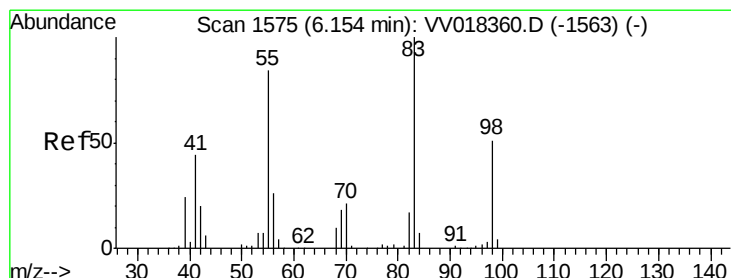
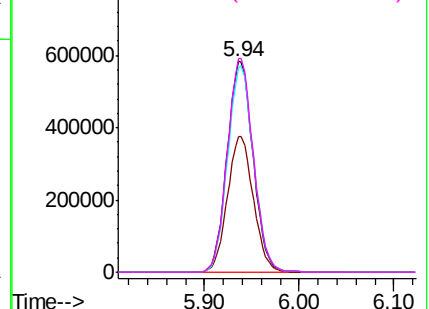
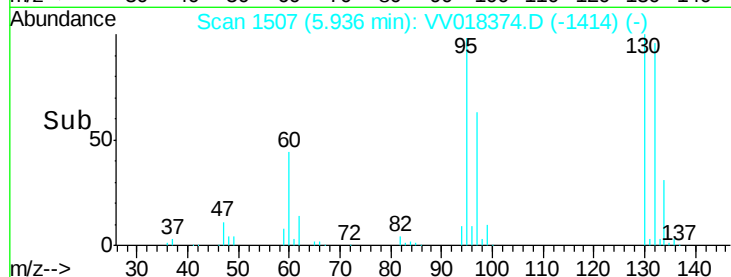


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#35

Methylcyclohexane

Concen: 8.642 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018374.D

Acq: 21 Sep 2020 16:45

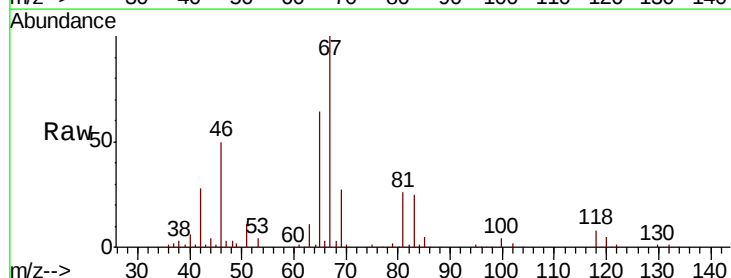
Tgt Ion: 83 Resp: 26822

Ion Ratio Lower Upper

83 100

55 0.0 63.4 95.2#

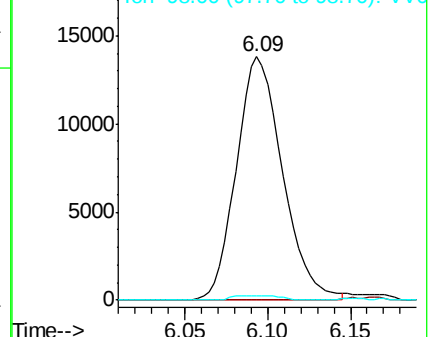
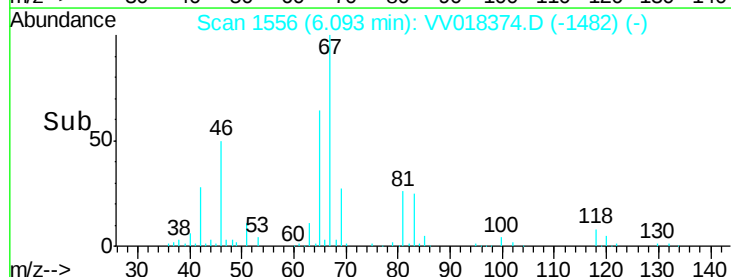
98 1.8 38.8 58.2#

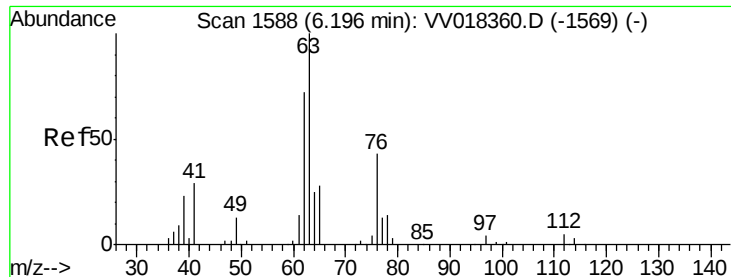


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

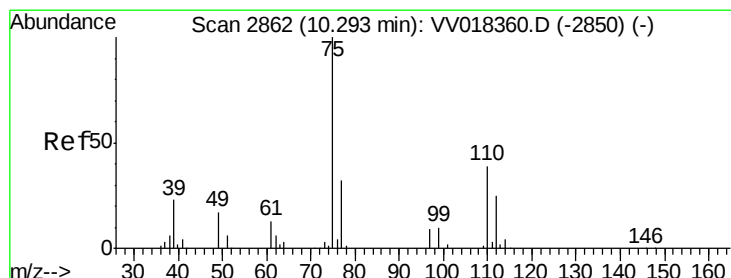
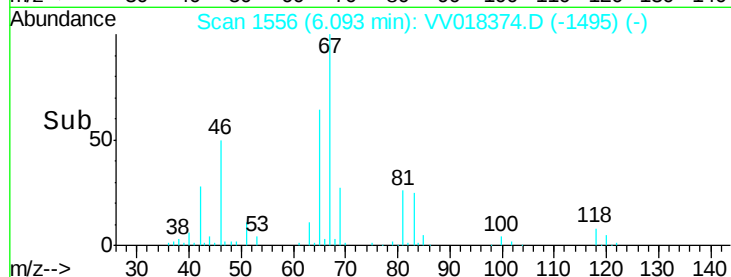
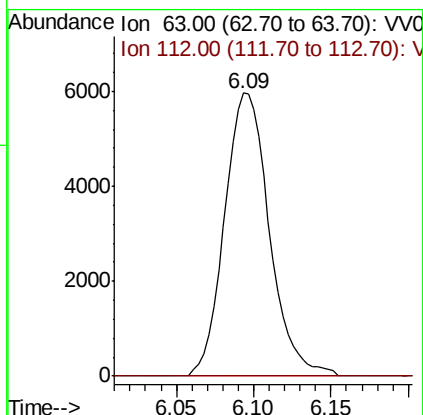
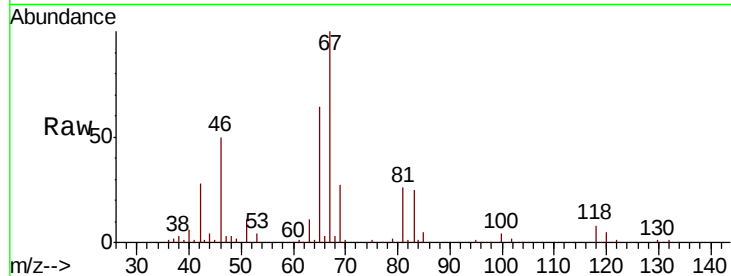




#37
 1,2-Dichloropropane
 Concen: 5.976 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018374.D
 Acq: 21 Sep 2020 16:45

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWY0

Tot Ion: 63 Resp: 11983
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#59
 1,2,3-Trichloropropane
 Concen: 6.380 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018374.D
 Acq: 21 Sep 2020 16:45

Tgt Ion: 75 Resp: 15047
 Ion Ratio Lower Upper
 75 100
 77 36.1 25.8 38.6

