

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072420\
 Data File : VV017663.D
 Acq On : 24 Jul 2020 22:36
 Operator : SY/MD
 Sample : L3446-08
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 25 00:13:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 25 00:05:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	144719	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	142353	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	65845	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32734	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.58	69	27681	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.12	63	62017	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	3.93	46	71034	42.97	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.94%
24) Chloroform-d	4.38	84	86104	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.06	65	45039	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.07	84	149337	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.10	67	40813	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.34	98	135165	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
45) trans-1,3-Dichloropropene-	7.65	79	15928	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
48) 2-Hexanone-d5	8.11	63	44256	36.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.26%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	27235	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	55827	5.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.20%

Target Compounds

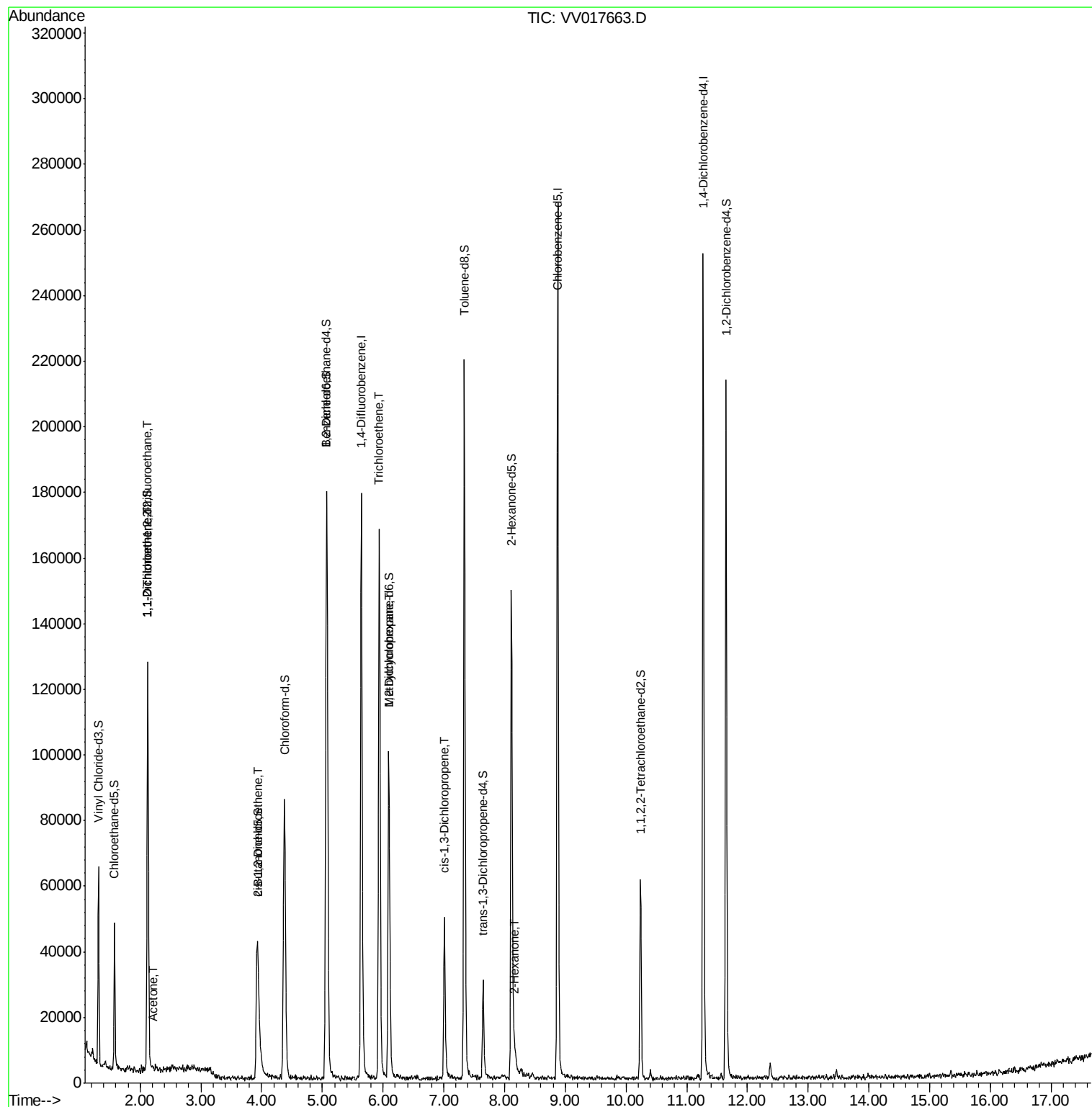
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	620	0.072	ug/L #	37
12) 1,1-Dichloroethene	2.14	96	10595	1.360	ug/L #	37
13) Acetone	2.20	43	1640	1.267	ug/L	80
22) cis-1,2-Dichloroethene	3.94	96	2064	0.193	ug/L	87
34) Trichloroethene	5.94	95	56853	5.051	ug/L	94
35) Methylcyclohexane	6.10	83	11603	0.681	ug/L #	19
39) cis-1,3-Dichloropropene	7.01	75	1538	0.108	ug/L #	81
50) 2-Hexanone	8.17	43	4017	1.093	ug/L #	77

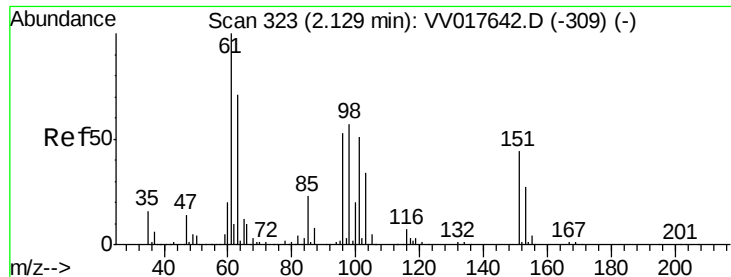
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.072 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017663.D

Acq: 24 Jul 2020 22:36

Instrument :

MSVOA_V

ClientSampleId :

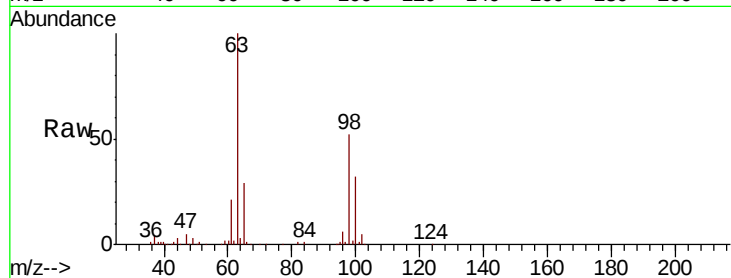
Tot Ion:101 Resp: 620

Ion Ratio Lower Upper

101 100

85 12.4 34.6 51.8#

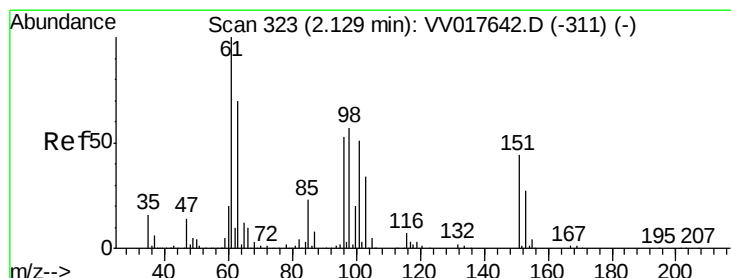
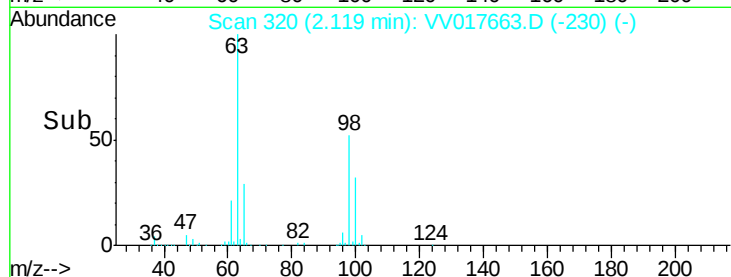
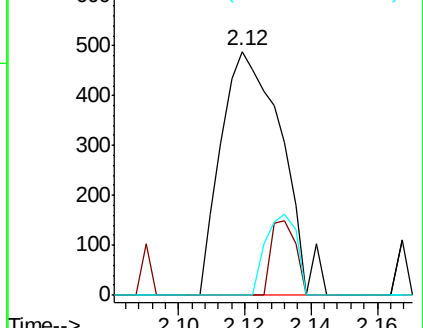
151 16.8 63.5 95.3#



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



#12

1,1-Dichloroethene

Concen: 1.360 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.01 min

Lab File: VV017663.D

Acq: 24 Jul 2020 22:36

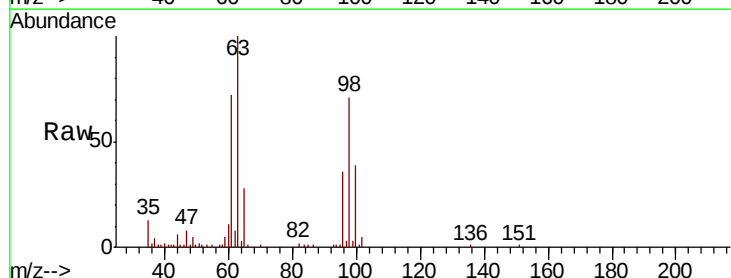
Tgt Ion: 96 Resp: 10595

Ion Ratio Lower Upper

96 100

61 199.8 123.1 228.7

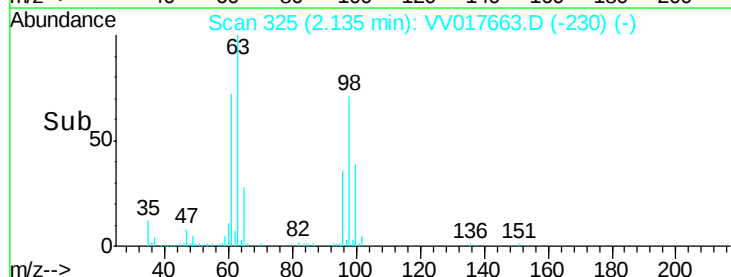
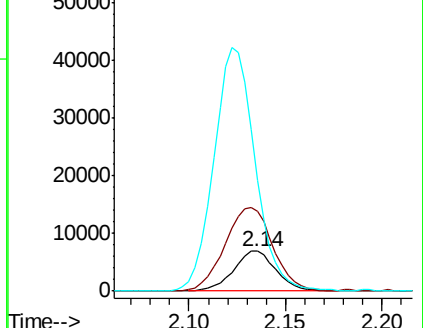
63 275.6 91.2 169.4#

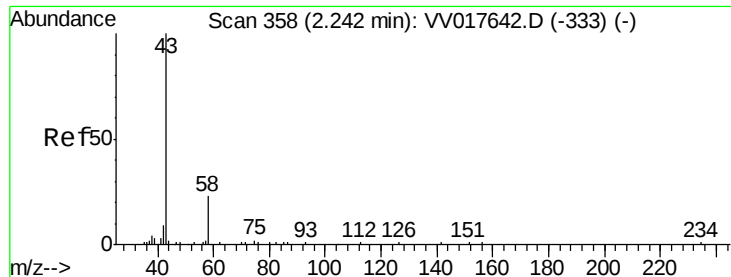


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.267 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.04 min

Lab File: VV017663.D

Acq: 24 Jul 2020 22:36

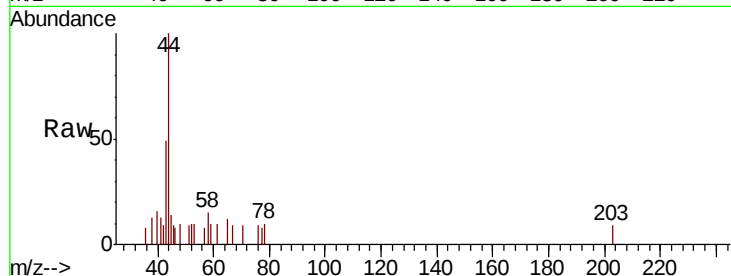
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 1640

Ion Ratio Lower Upper

43 100

58 16.6 0.0 18.6



Abundance Ion 43.05 (42.75 to 43.75): VV017642.D (-333) (-)

Ion 58.05 (57.75 to 58.75): VV017642.D (-333) (-)

2.20

600

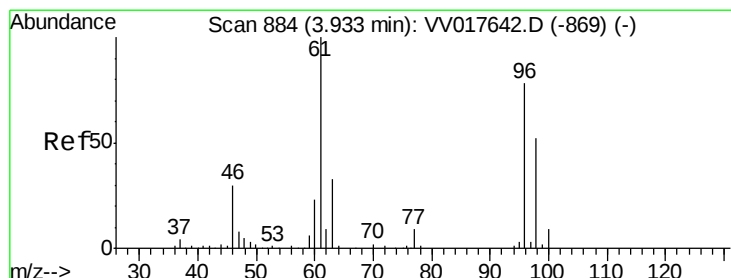
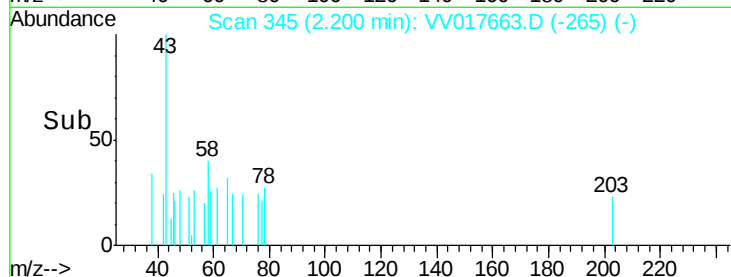
400

200

0

2.15 2.20 2.25

Time-->



#22

cis-1,2-Dichloroethene

Concen: 0.193 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

Lab File: VV017663.D

Acq: 24 Jul 2020 22:36

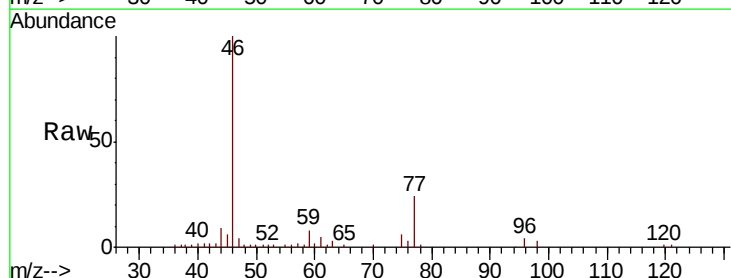
Tgt Ion: 96 Resp: 2064

Ion Ratio Lower Upper

96 100

61 113.3 89.6 166.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV017642.D (-869) (-)

Ion 61.05 (60.75 to 61.75): VV017642.D (-869) (-)

Ion 68.15 (67.85 to 68.85): VV017642.D (-869) (-)

3.94

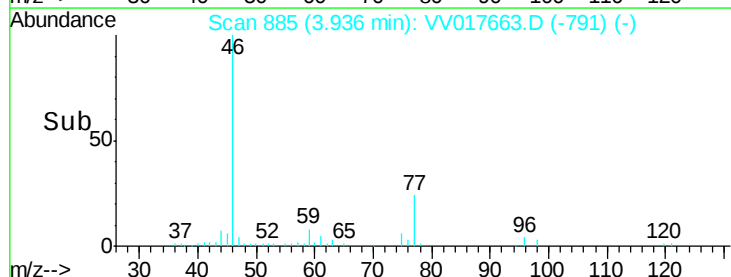
1000

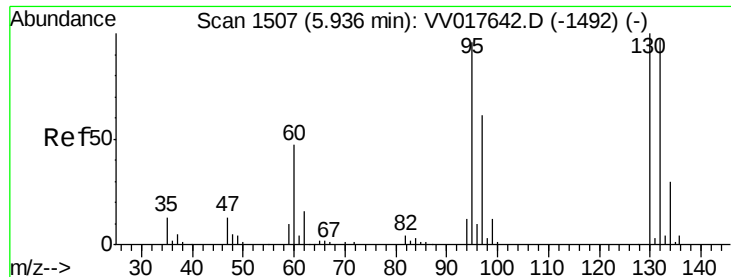
500

0

3.90 3.95 4.00

Time-->

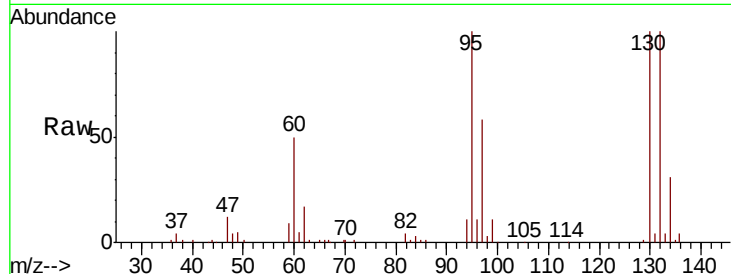




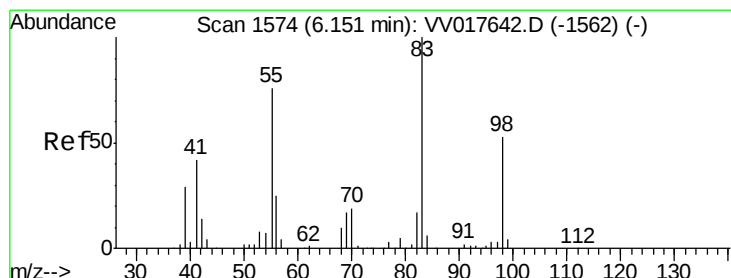
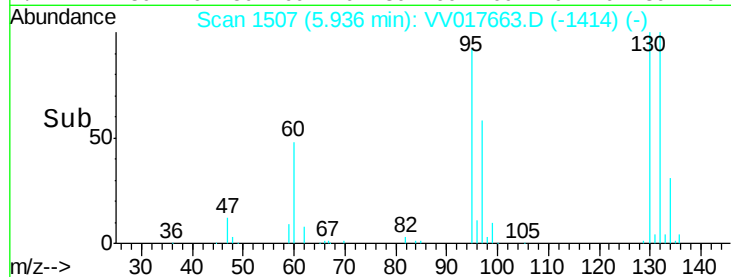
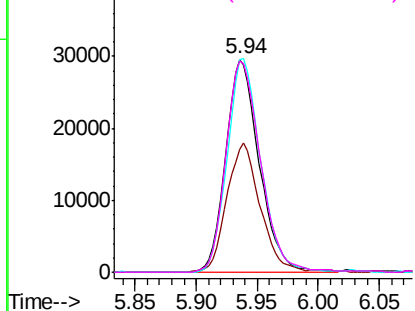
#34
 Trichloroethene
 Concen: 5.051 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: VV017663.D
 Acq: 24 Jul 2020 22:36

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 56853
 Ion Ratio Lower Upper
 95 100
 97 57.8 46.1 85.5
 132 99.8 71.7 133.1
 130 99.6 74.3 137.9

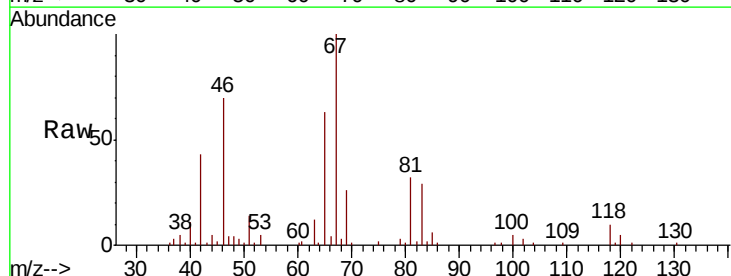


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

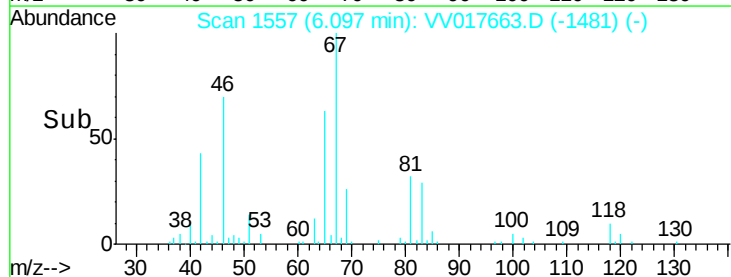
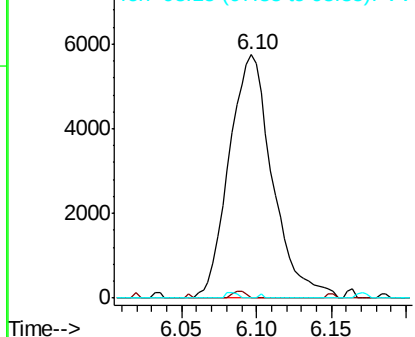


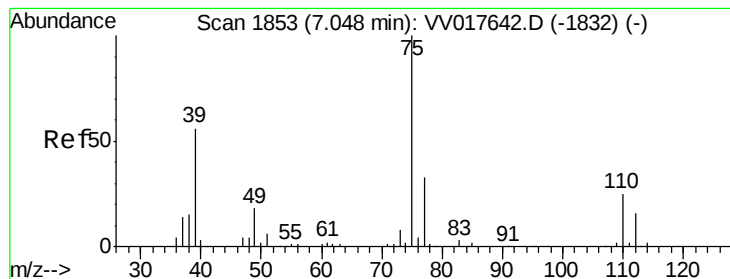
#35
 Methylcyclohexane
 Concen: 0.681 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV017663.D
 Acq: 24 Jul 2020 22:36

Tgt Ion: 83 Resp: 11603
 Ion Ratio Lower Upper
 83 100
 55 0.9 61.8 92.8#
 98 0.7 39.0 58.6#



Abundance Ion 83.15 (82.85 to 83.85): VV0
 Ion 55.10 (54.80 to 55.80): VV0
 Ion 98.15 (97.85 to 98.85): VV0



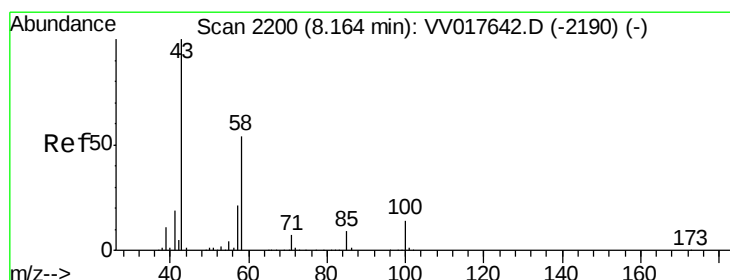
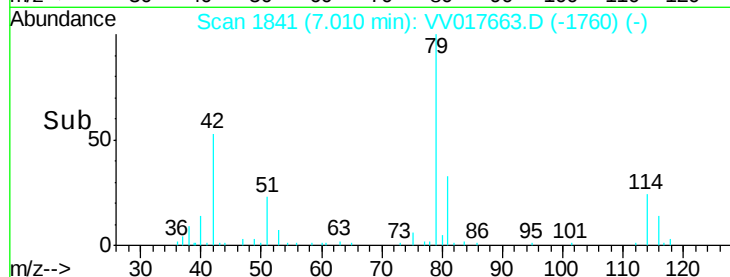
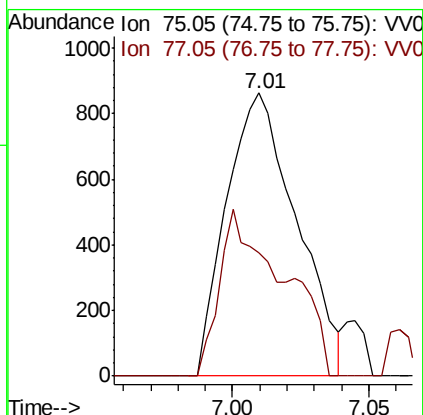
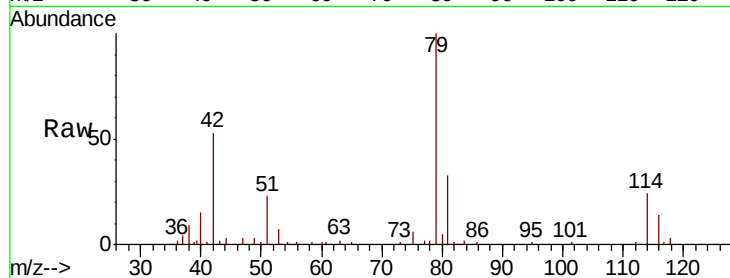


#39

cis-1,3-Dichloropropene
Concen: 0.108 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV017663.D
Acq: 24 Jul 2020 22:36

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 1538
Ion Ratio Lower Upper
75 100
77 43.8 23.2 43.2#



#50

2-Hexanone
Concen: 1.093 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV017663.D
Acq: 24 Jul 2020 22:36

Tgt Ion: 43 Resp: 4017
Ion Ratio Lower Upper
43 100
58 38.9 41.6 62.4#
57 0.0 15.4 23.0#
100 9.5 11.2 16.8#

