

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
 Data File : VV017326.D
 Acq On : 02 Jul 2020 23:25
 Operator : SY/MD
 Sample : VIBLK52
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 03 06:20:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 03 06:15:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	165173	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	159260	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	79137	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39899	4.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.40%
7) Chloroethane-d5	1.58	69	31938	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.12	63	65976	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	3.95	46	95392	37.76	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.52%
24) Chloroform-d	4.38	84	91774	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	5.06	65	52108	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.08	84	169696	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
36) 1,2-Dichloropropane-d6	6.10	67	47024	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.00%
41) Toluene-d8	7.34	98	152146	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.60%
45) trans-1,3-Dichloropropene-	7.64	79	19014	3.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.80%
48) 2-Hexanone-d5	8.11	63	64354	32.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.56%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	33441	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	63969	4.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.40%

Target Compounds

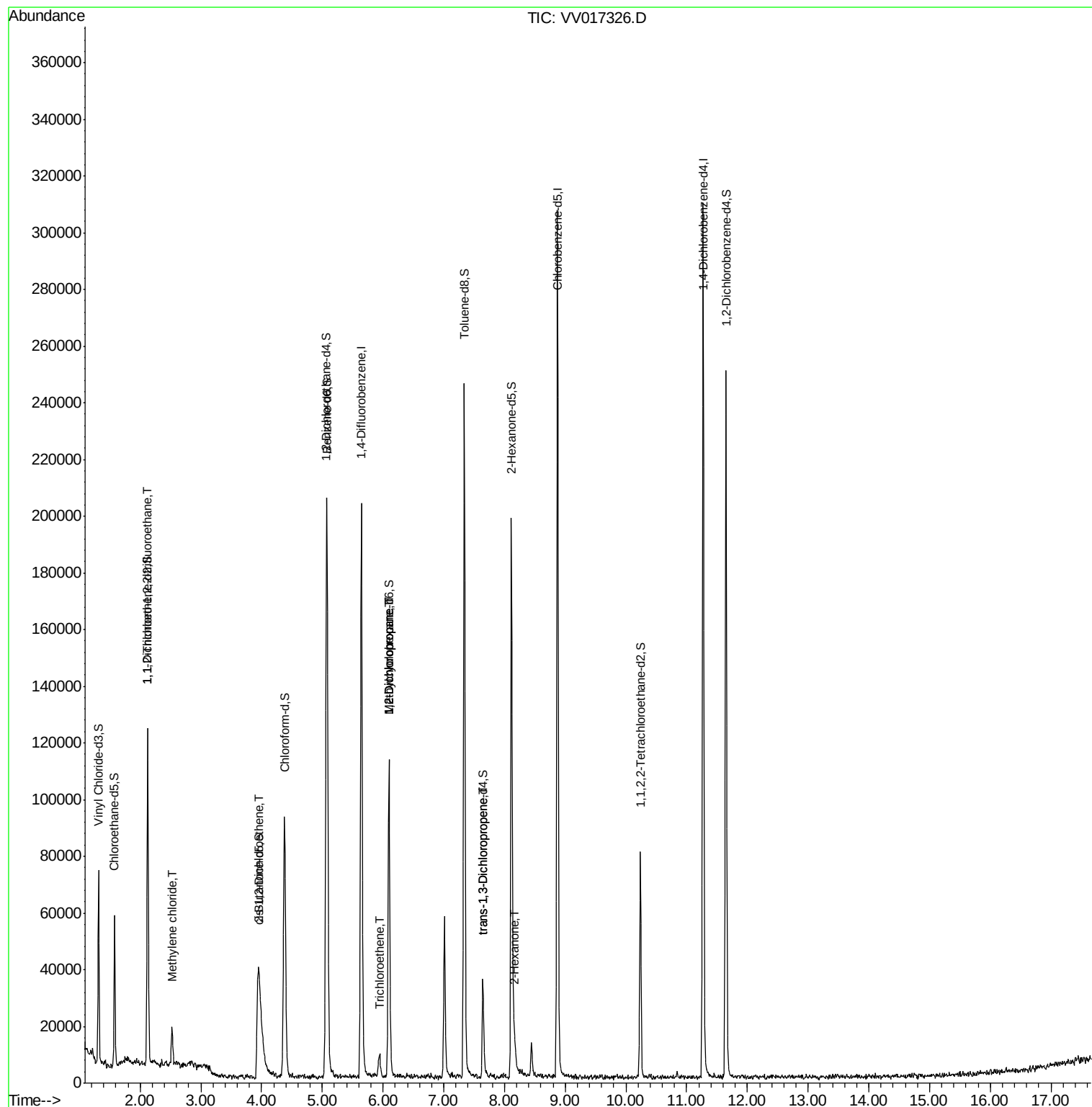
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	661	0.076 ug/L #	17
16) Methylene chloride	2.52	84	5619	0.662 ug/L	88
22) cis-1,2-Dichloroethene	3.94	96	804	0.070 ug/L	86
34) Trichloroethene	5.95	95	1608	0.132 ug/L	78
35) Methylcyclohexane	6.10	83	13127	0.691 ug/L #	17
37) 1,2-Dichloropropane	6.10	63	6732	0.652 ug/L #	90
46) trans-1,3-Dichloropropene	7.65	75	1158	0.087 ug/L #	67
50) 2-Hexanone	8.17	43	6318	1.489 ug/L #	79

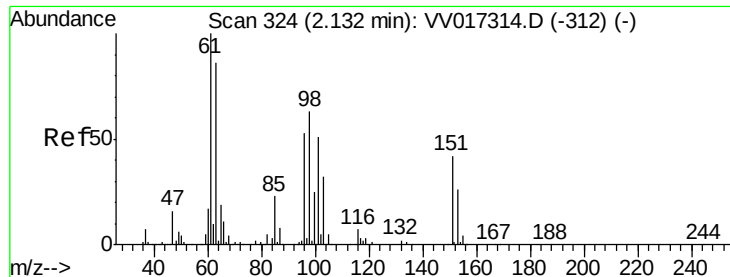
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 03 06:15:26 2020
Response via : Initial Calibration





#10

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

Concen: 0.076 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017326.D

Acq: 02 Jul 2020 23:25

Instrument :

MSVOA_V

ClientSampleId :

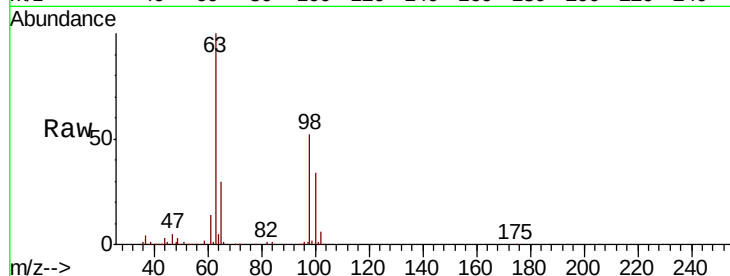
Tot Ion:101 Resp: 661

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.2#

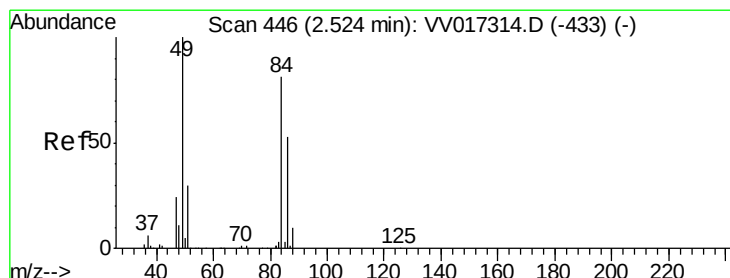
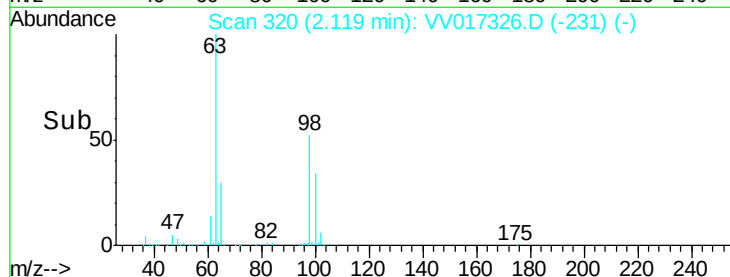
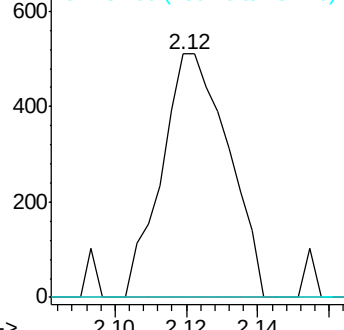
151 0.0 63.9 95.9#



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



#16

Methylene chloride

Concen: 0.662 ug/L

RT: 2.52 min Scan# 445

Delta R.T. -0.00 min

Lab File: VV017326.D

Acq: 02 Jul 2020 23:25

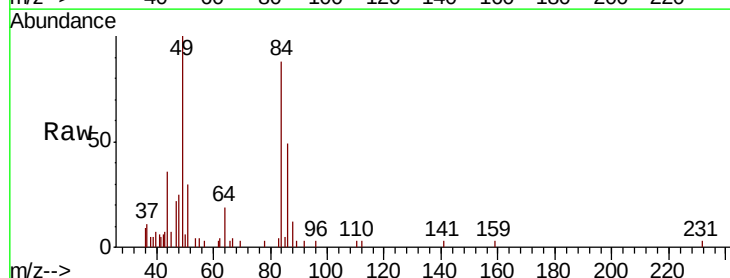
Tgt Ion: 84 Resp: 5619

Ion Ratio Lower Upper

84 100

86 56.2 45.8 85.0

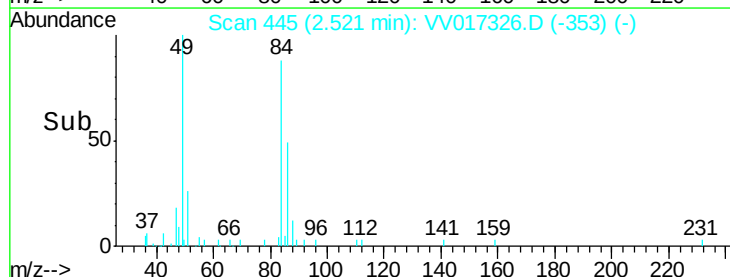
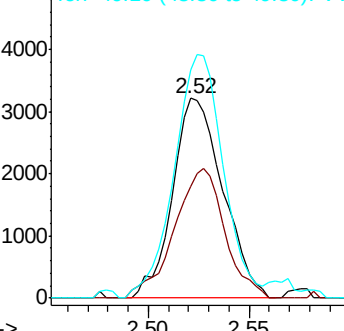
49 114.1 89.6 166.4

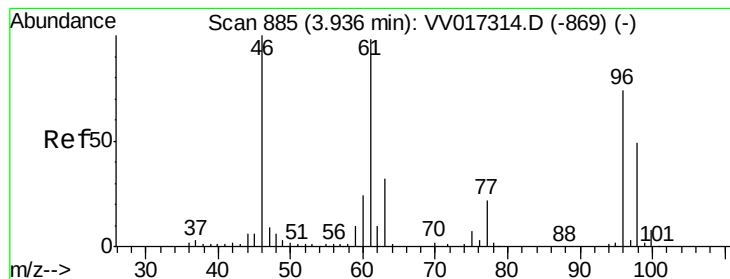


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0



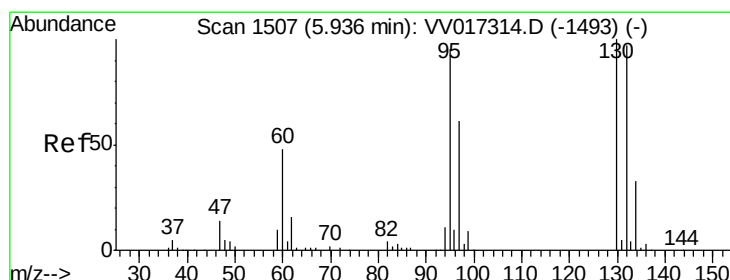
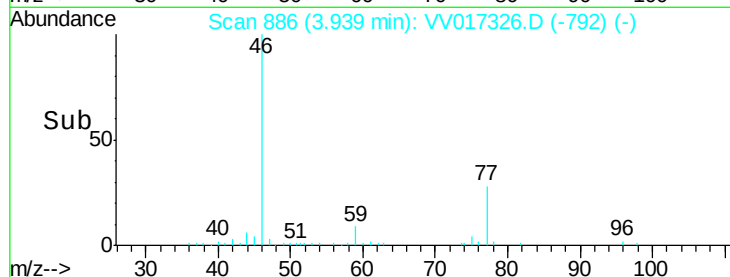
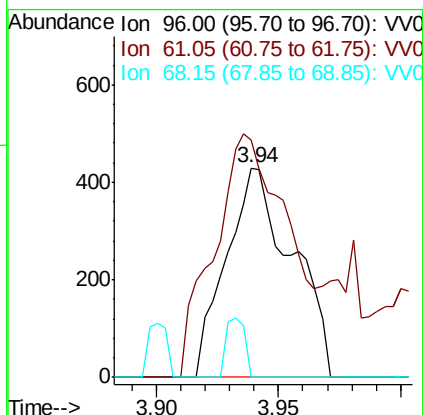
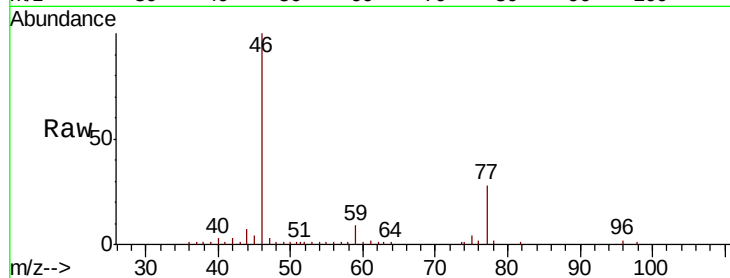


#22

cis-1,2-Dichloroethene
Concen: 0.070 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017326.D
Acq: 02 Jul 2020 23:25

Instrument :
MSVOA_V
ClientSampleId :

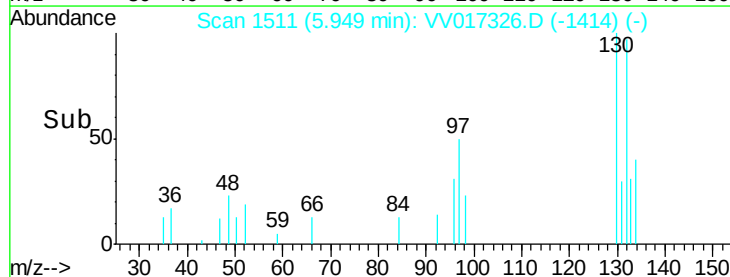
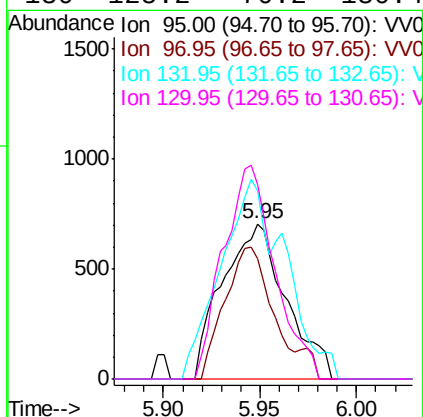
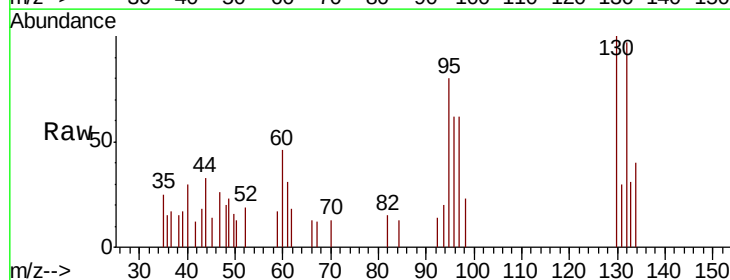
Tot Ion: 96 Resp: 804
Ion Ratio Lower Upper
96 100
61 113.3 91.0 169.0
68 0.0 0.0 0.0

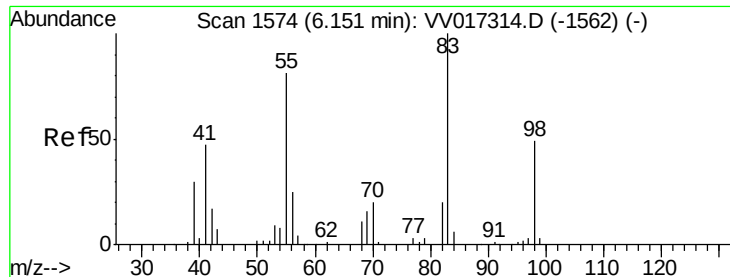


#34

Trichloroethene
Concen: 0.132 ug/L
RT: 5.95 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VV017326.D
Acq: 02 Jul 2020 23:25

Tgt Ion: 95 Resp: 1608
Ion Ratio Lower Upper
95 100
97 77.8 45.3 84.1
132 121.1 68.8 127.8
130 125.2 70.2 130.4

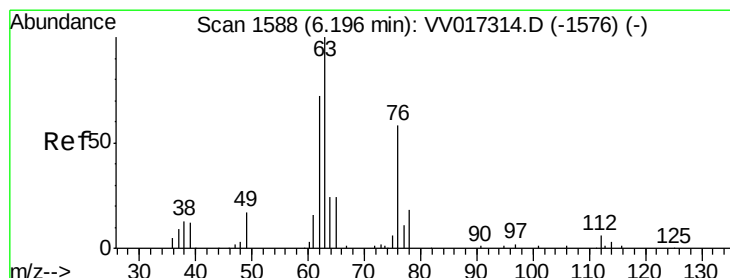
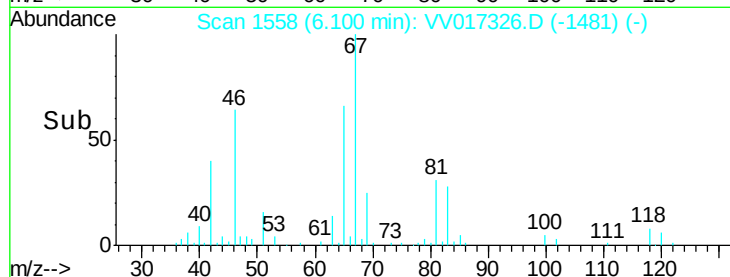
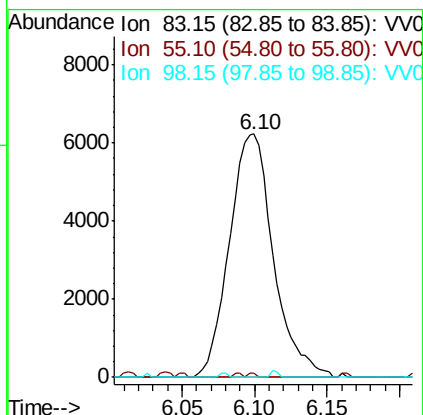
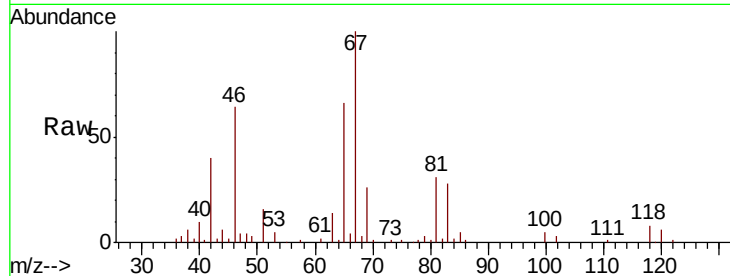




#35
Methvlcvclohexane
Concen: 0.691 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.05 min
Lab File: VV017326.D
Acq: 02 Jul 2020 23:25

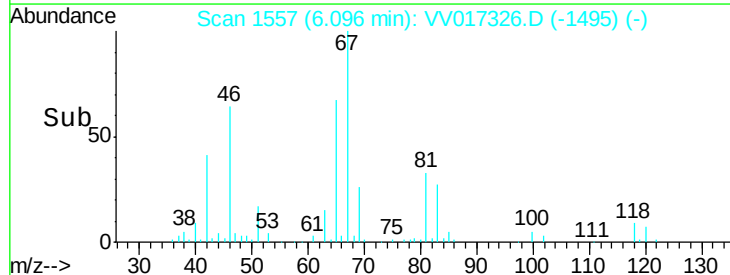
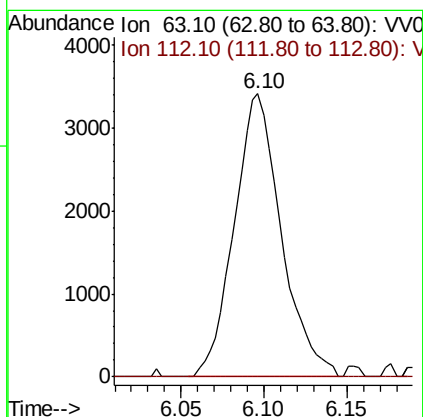
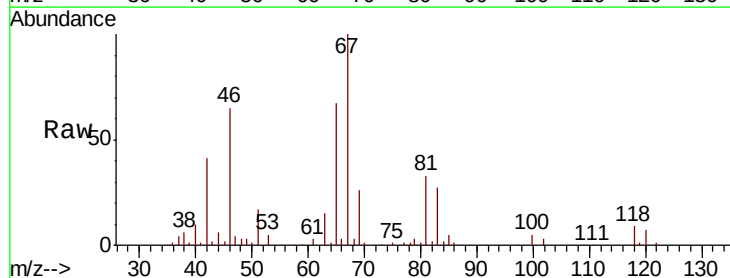
Instrument :
MSVOA_V
ClientSampleId :

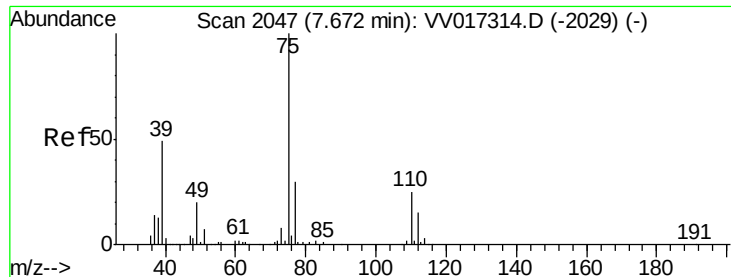
Tot Ion: 83 Resp: 13127
Ion Ratio Lower Upper
83 100
55 0.3 63.6 95.4#
98 0.4 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.652 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017326.D
Acq: 02 Jul 2020 23:25

Tgt Ion: 63 Resp: 6732
Ion Ratio Lower Upper
63 100
112 2.0 4.4 6.6#





#46

trans-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV017326.D

Acq: 02 Jul 2020 23:25

Instrument :

MSVOA_V

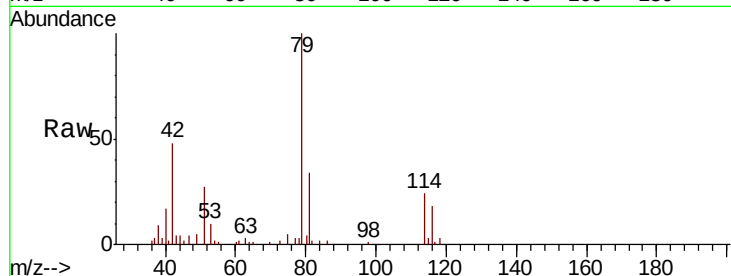
ClientSampleId :

Tot Ion: 75 Resp: 1158

Ion Ratio Lower Upper

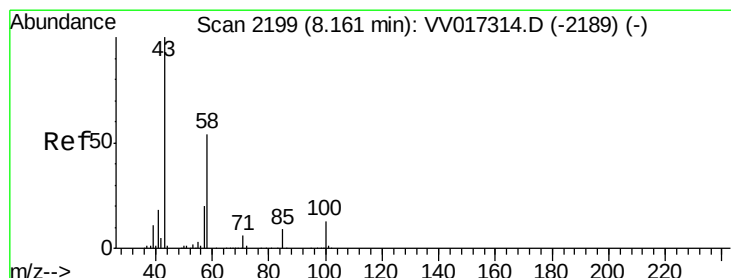
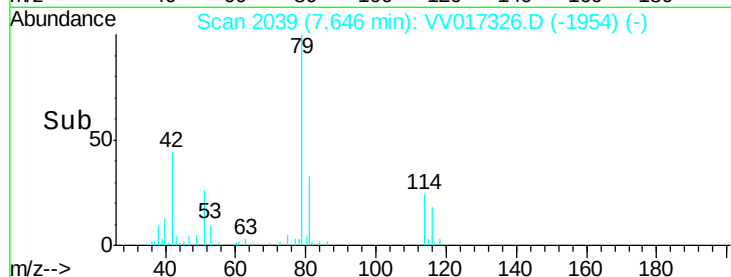
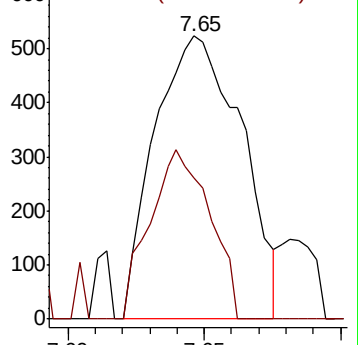
75 100

77 49.9 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#50

2-Hexanone

Concen: 1.489 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV017326.D

Acq: 02 Jul 2020 23:25

Tgt Ion: 43 Resp: 6318

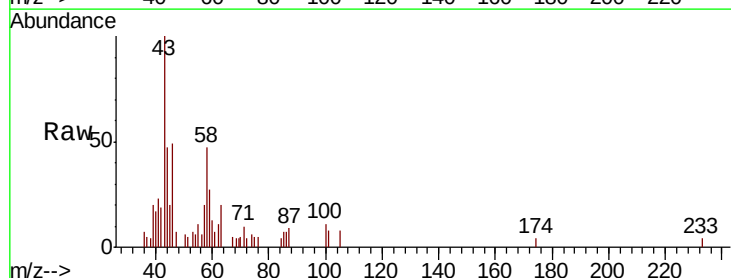
Ion Ratio Lower Upper

43 100

58 43.7 41.6 62.4

57 0.0 15.4 23.0#

100 3.6 10.1 15.1#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

