

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\
 Data File : VV018348.D
 Acq On : 19 Sep 2020 01:16
 Operator : SY/MD
 Sample : L4080-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 05:19:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 19 05:11:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	282687	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	280598	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	135727	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	105341	45.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.46%
7) Chloroethane-d5	1.58	69	88181	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.56%
11) 1,1-Dichloroethene-d2	2.12	63	153286	36.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.54%
21) 2-Butanone-d5	3.90	46	133771	94.87	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.87%
24) Chloroform-d	4.38	84	194063	48.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.10%
26) 1,2-Dichloroethane-d4	5.06	65	129819	50.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.34%
32) Benzene-d6	5.07	84	392764	48.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.09	67	126529	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.14%
41) Toluene-d8	7.34	98	349343	47.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.44%
43) trans-1,3-Dichloropropene-	7.64	79	58348	44.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.98%
47) 2-Hexanone-d5	8.11	63	92165	95.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.33%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	156113	48.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.46%
64) 1,2-Dichlorobenzene-d4	11.65	152	146099	52.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.82%

Target Compounds

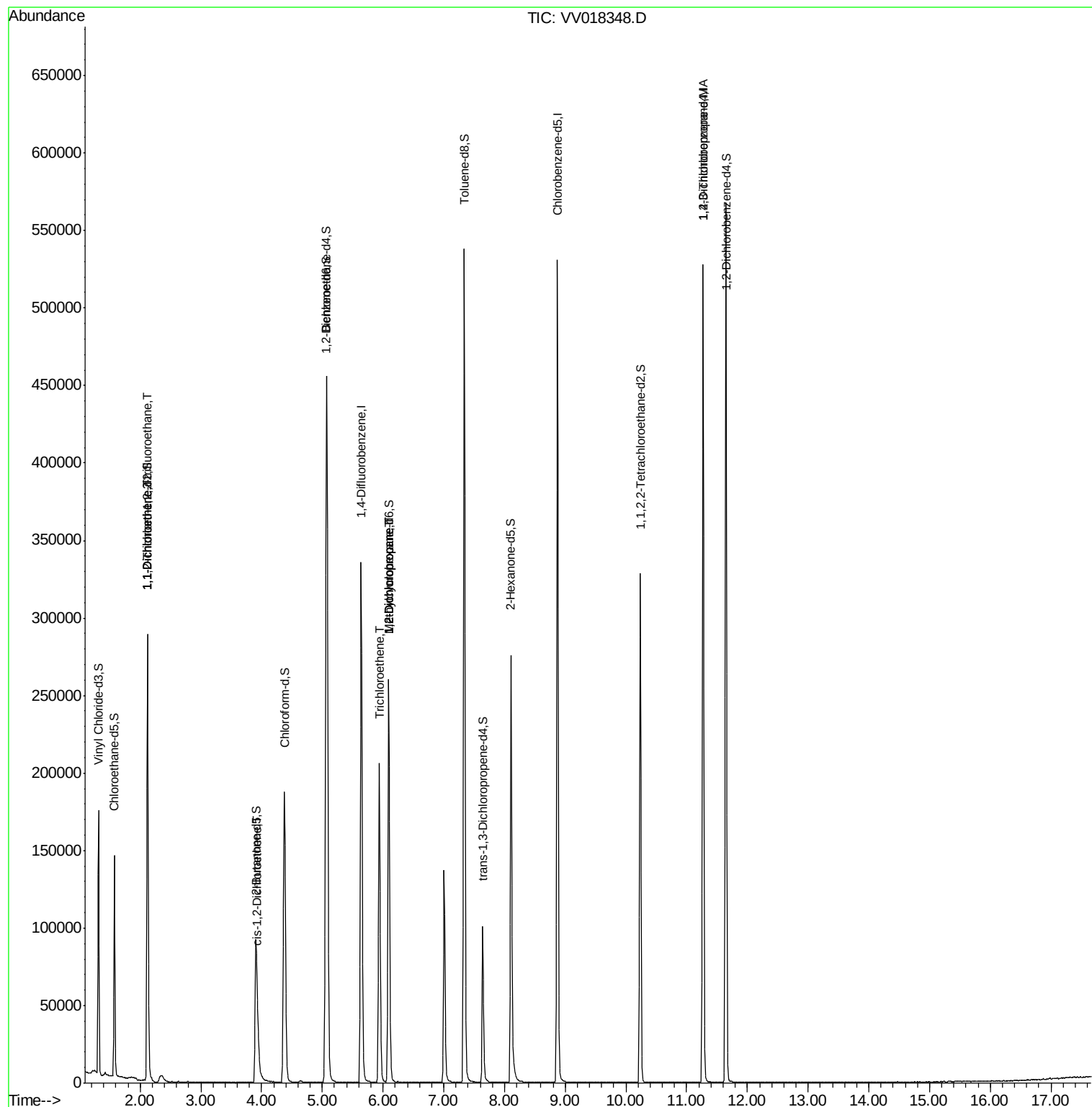
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1396	0.732 ug/L #	19
12) 1,1-Dichloroethene	2.13	96	2423	1.305 ug/L #	1
20) cis-1,2-Dichloroethene	3.94	96	3231	1.580 ug/L	98
34) Trichloroethene	5.94	95	70606	32.307 ug/L	99
35) Methylcyclohexane	6.09	83	30247	9.192 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	13829	6.505 ug/L #	87
59) 1,2,3-Trichloropropane	11.27	75	15564	6.225 ug/L	92

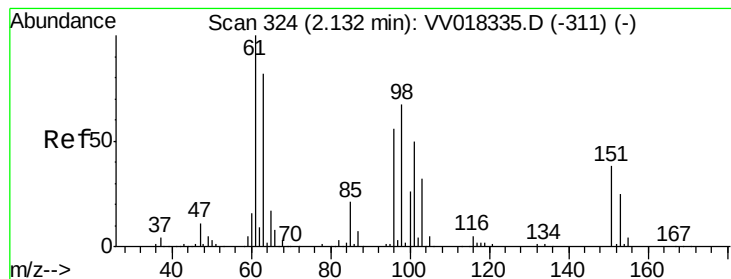
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Sep 19 05:11:16 2020
Response via : Initial Calibration





#10

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

Concen: 0.732 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018348.D

Acq: 19 Sep 2020 01:16

Instrument :

MSVOA_V

ClientSampleId :

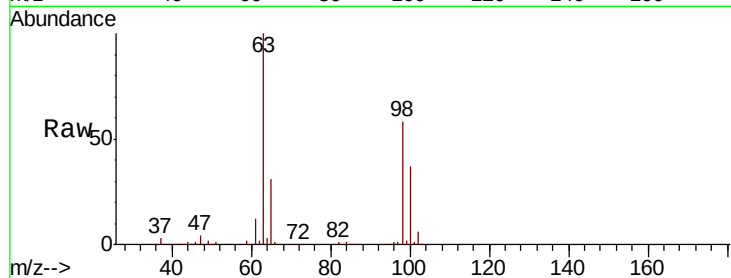
Tot Ion:101 Resp: 1396

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

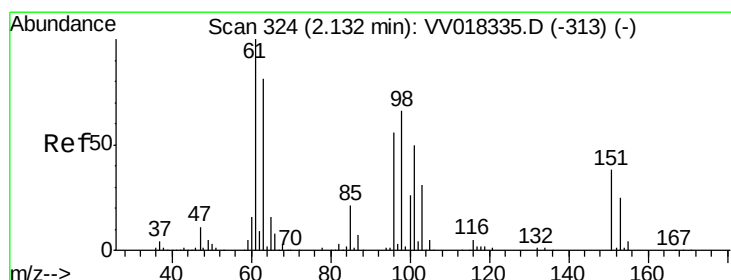
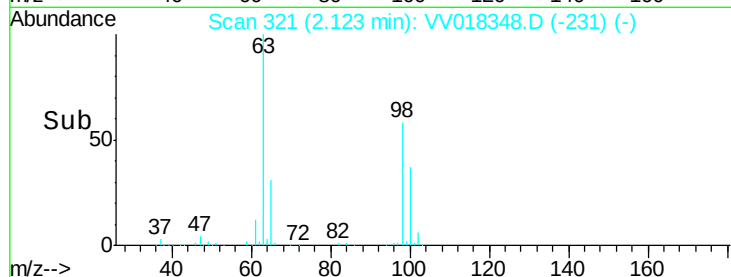
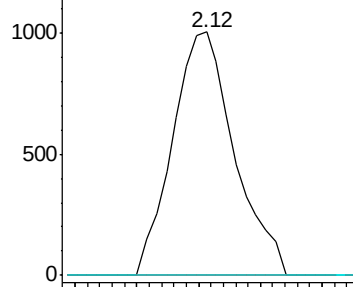
151 0.0 62.2 93.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 1.305 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018348.D

Acq: 19 Sep 2020 01:16

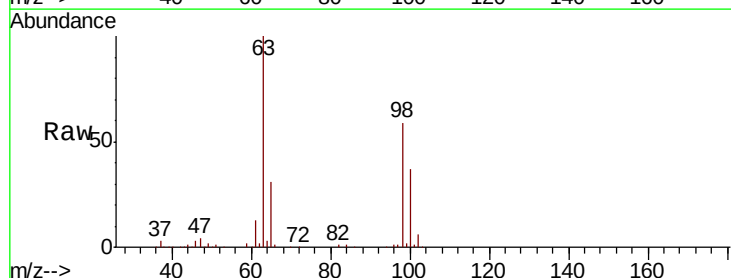
Tgt Ion: 96 Resp: 2423

Ion Ratio Lower Upper

96 100

61 935.0 122.9 228.3#

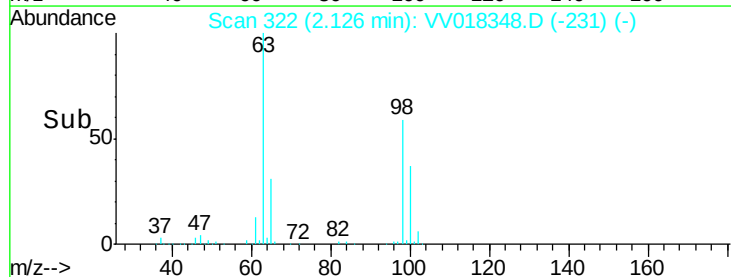
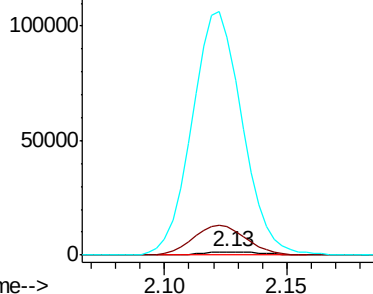
63 7281.2 91.9 170.7#

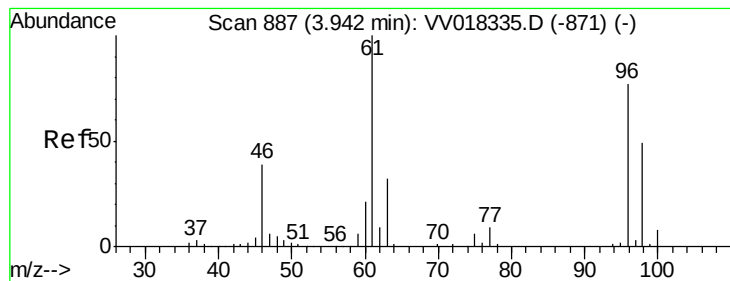


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



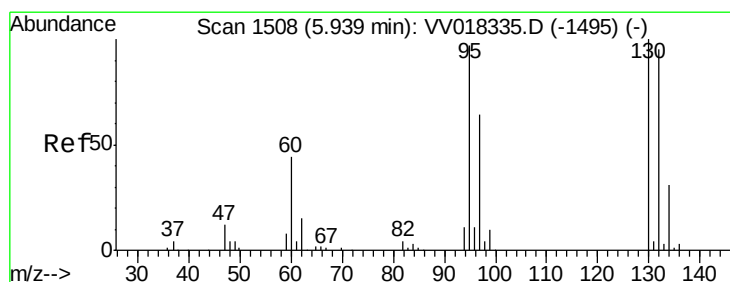
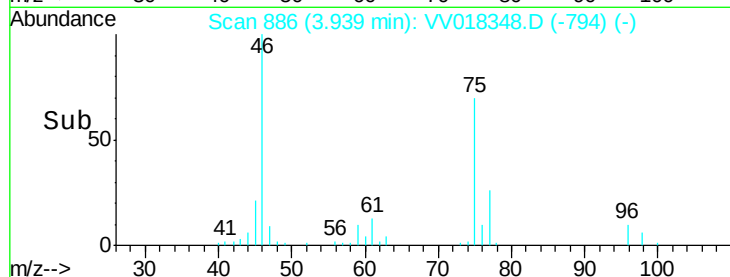
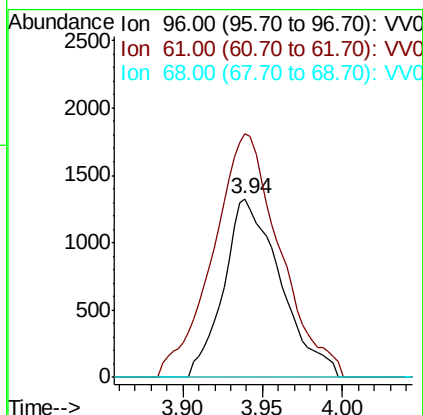
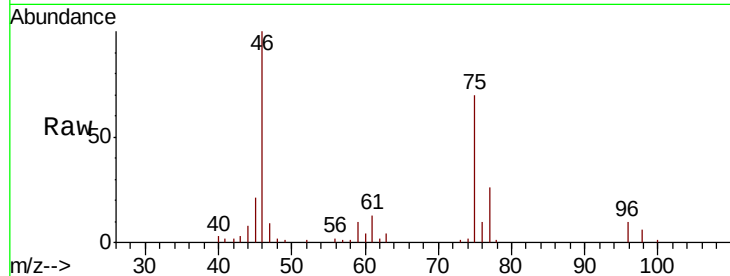


#20

cis-1,2-Dichloroethene
Concen: 1.580 ug/L
RT: 3.94 min Scan# 886
Delta R.T. -0.00 min
Lab File: VV018348.D
Acq: 19 Sep 2020 01:16

Instrument :
MSVOA_V
ClientSampleId :

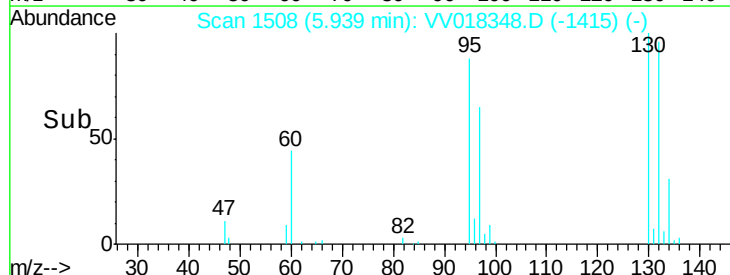
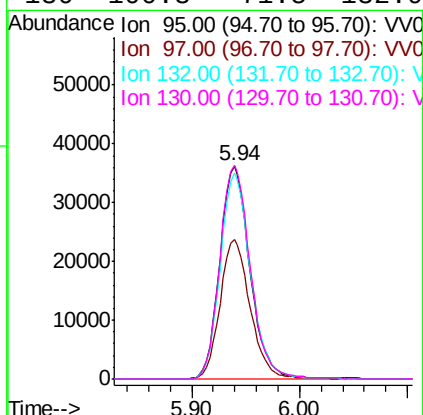
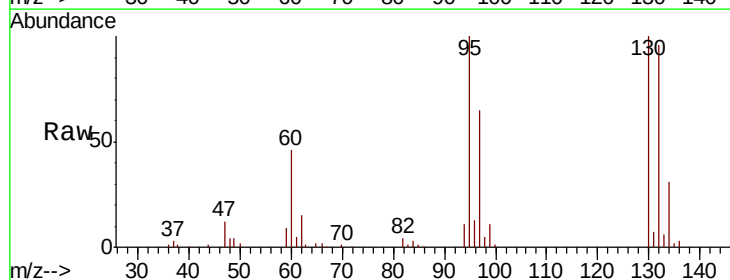
Tot Ion: 96 Resp: 3231
Ion Ratio Lower Upper
96 100
61 136.2 93.6 173.8
68 0.0 0.0 0.0

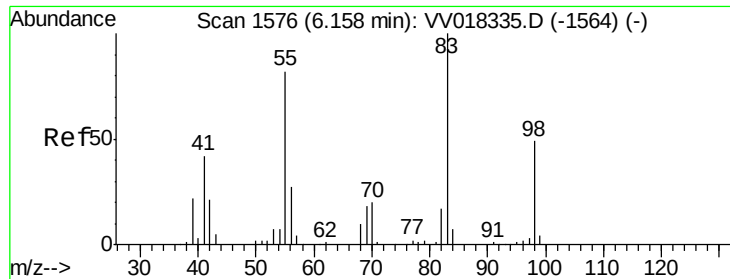


#34

Trichloroethene
Concen: 32.307 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. -0.00 min
Lab File: VV018348.D
Acq: 19 Sep 2020 01:16

Tgt Ion: 95 Resp: 70606
Ion Ratio Lower Upper
95 100
97 65.5 46.3 85.9
132 96.6 68.1 126.5
130 100.3 71.5 132.9

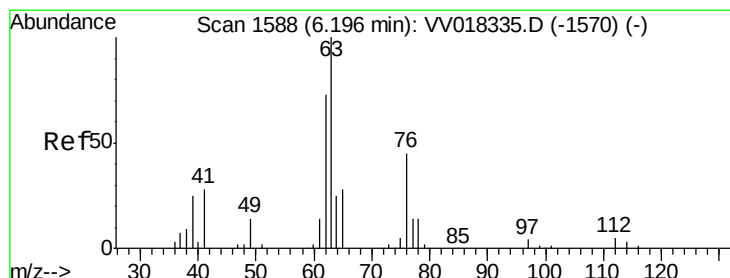
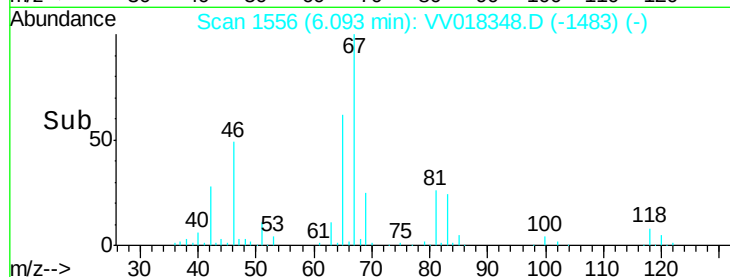
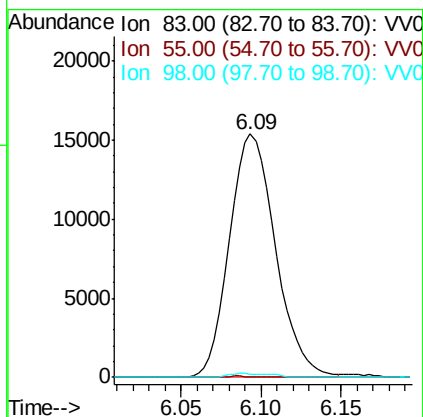
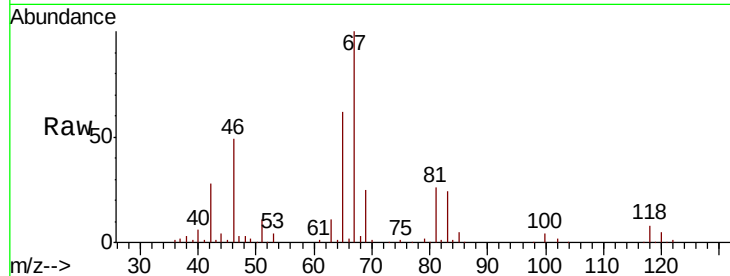




#35
Methvlcvclohexane
Concen: 9.192 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018348.D
Acq: 19 Sep 2020 01:16

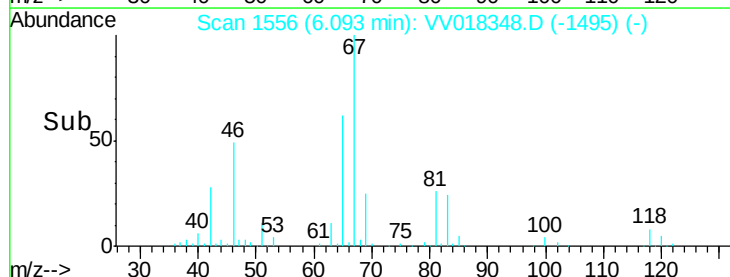
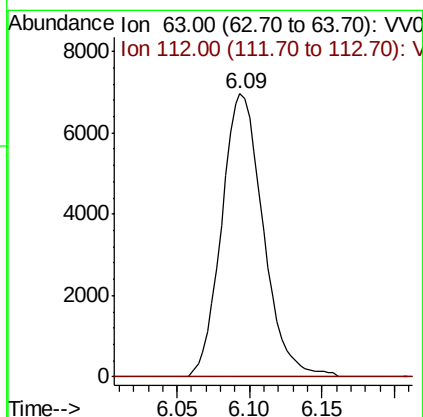
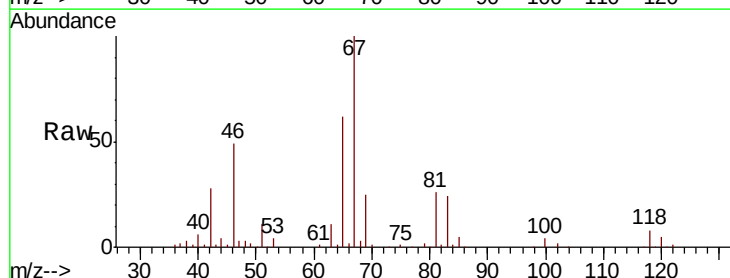
Instrument :
MSVOA_V
ClientSampleId :

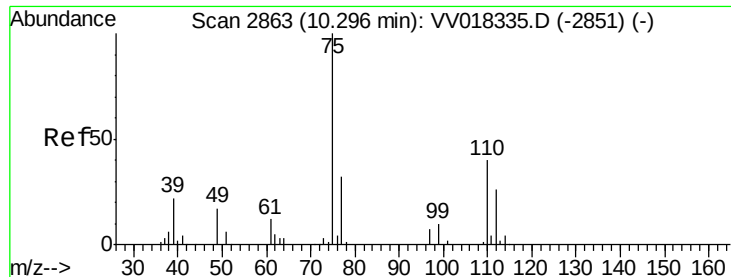
Tot Ion: 83 Resp: 30247
Ion Ratio Lower Upper
83 100
55 0.1 63.4 95.2#
98 0.9 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 6.505 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018348.D
Acq: 19 Sep 2020 01:16

Tgt Ion: 63 Resp: 13829
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#59

1,2,3-Trichloropropane

Concen: 6.225 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV018348.D

Acq: 19 Sep 2020 01:16

Instrument :

MSVOA_V

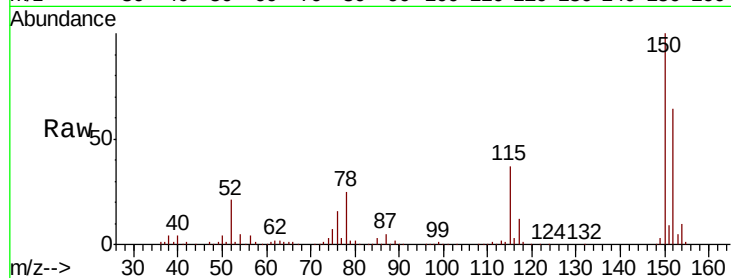
ClientSampleId :

Tot Ion: 75 Resp: 15564

Ion Ratio Lower Upper

75 100

77 36.7 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

