

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092820\
 Data File : VV018491.D
 Acq On : 28 Sep 2020 14:11
 Operator : SY/MD
 Sample : L4117-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA8

Quant Time: Sep 29 00:52:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 00:50:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	253264	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	246152	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	121268	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	118306	57.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	114.64%
7) Chloroethane-d5	1.58	69	99730	59.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	118.10%
11) 1,1-Dichloroethene-d2	2.12	63	168920	44.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.24%
21) 2-Butanone-d5	3.92	46	168592	133.45	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	133.45%#
24) Chloroform-d	4.38	84	214458	59.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.78%
26) 1,2-Dichloroethane-d4	5.06	65	139589	60.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.62%
32) Benzene-d6	5.08	84	443310	62.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	125.82%#
36) 1,2-Dichloropropane-d6	6.10	67	141299	63.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	126.22%#
41) Toluene-d8	7.34	98	395488	61.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	123.16%#
43) trans-1,3-Dichloropropene-	7.64	79	68123	59.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	119.74%
47) 2-Hexanone-d5	8.11	63	100614	118.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.63%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	174308	62.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	124.06%#
64) 1,2-Dichlorobenzene-d4	11.65	152	167265	67.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	134.32%#

Target Compounds

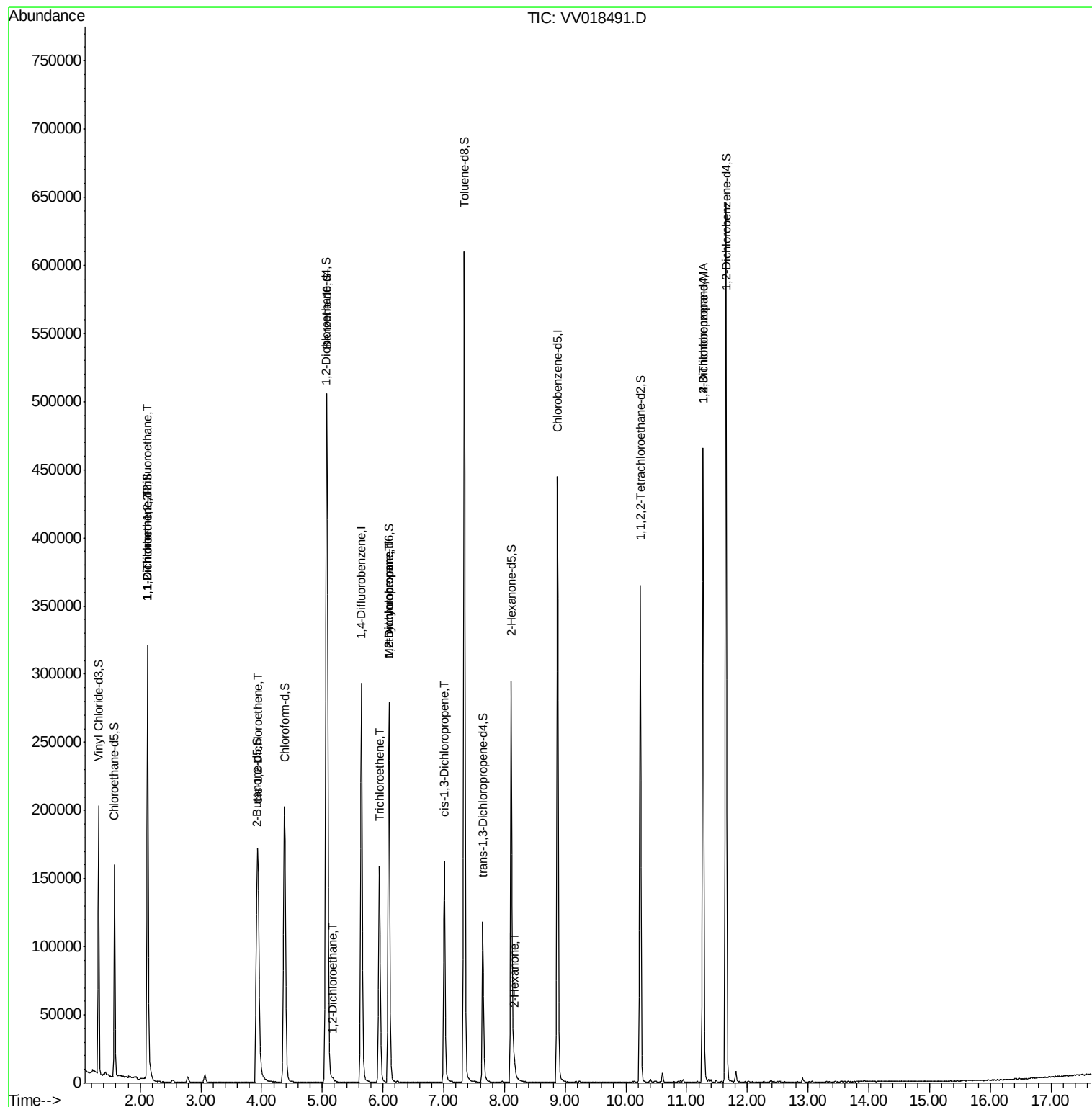
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1566	0.916	ug/L #	19
12) 1,1-Dichloroethene	2.12	96	2011	1.209	ug/L #	1
20) cis-1,2-Dichloroethene	3.94	96	68181	37.217	ug/L	96
27) 1,2-Dichloroethane	5.17	62	1890	0.741	ug/L #	74
34) Trichloroethene	5.94	95	52559	27.415	ug/L	99
35) Methylcyclohexane	6.10	83	32813	11.367	ug/L #	18
37) 1,2-Dichloropropane	6.10	63	14879	7.978	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3676	1.279	ug/L #	50
48) 2-Hexanone	8.16	43	7544	4.229	ug/L #	43
59) 1,2,3-Trichloropropane	11.27	75	13866	6.321	ug/L	90

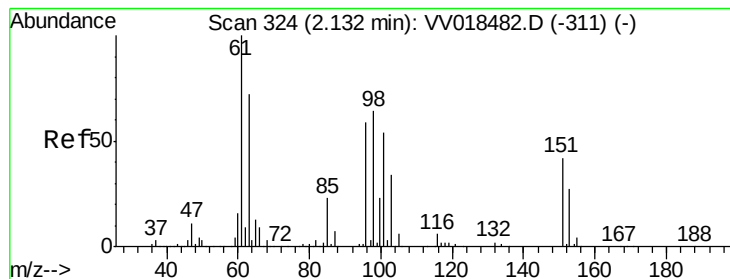
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092820\
Data File : VV018491.D
Acq On : 28 Sep 2020 14:11
Operator : SY/MD
Sample : L4117-07
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0AA8

Quant Time: Sep 29 00:52:37 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 29 00:50:40 2020
Response via : Initial Calibration





#10

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

Concen: 0.916 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018491.D

Acq: 28 Sep 2020 14:11

Instrument :

MSVOA_V

ClientSampleId :

E0AA8

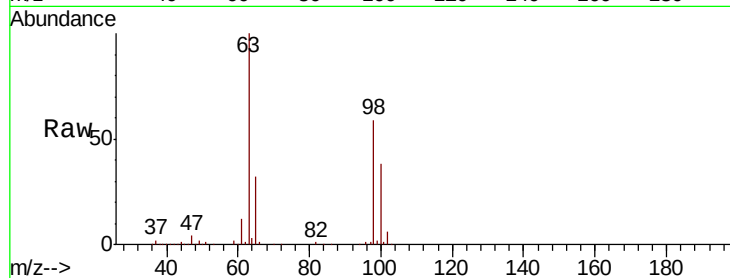
Tot Ion: 101 Resp: 1566

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

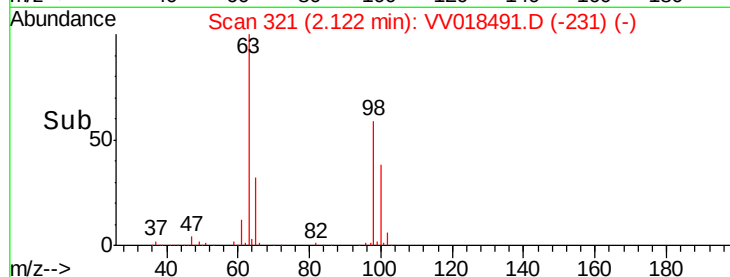
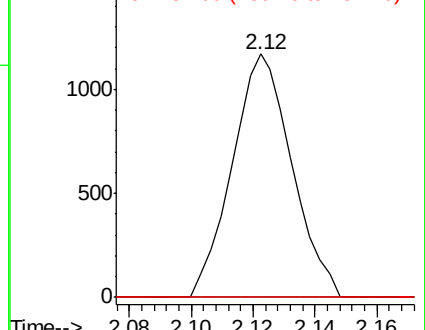
151 0.0 62.2 93.2#



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: 1.209 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018491.D

Acq: 28 Sep 2020 14:11

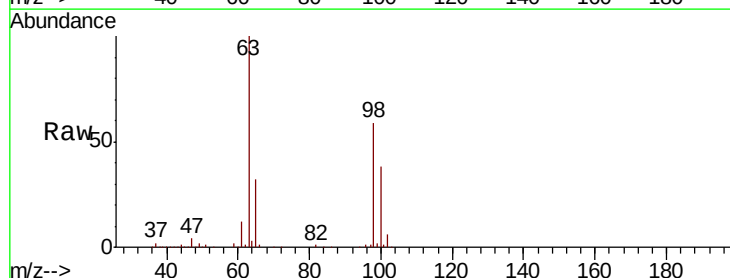
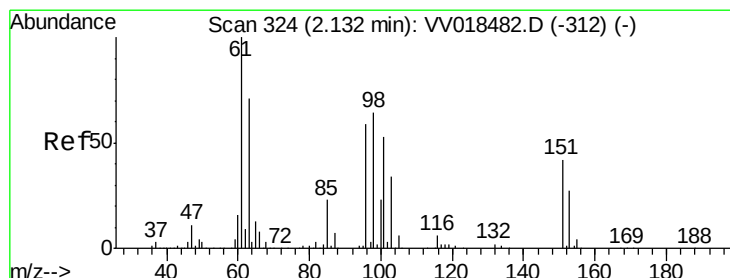
Tgt Ion: 96 Resp: 2011

Ion Ratio Lower Upper

96 100

61 1128.5 122.9 228.3#

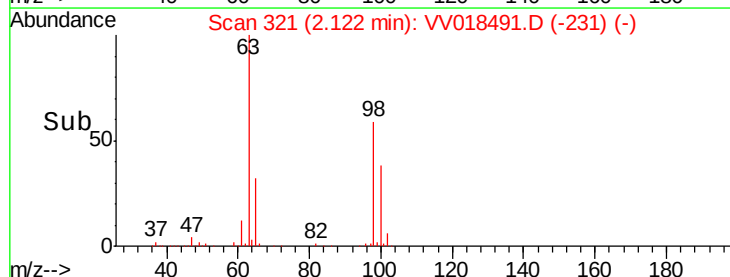
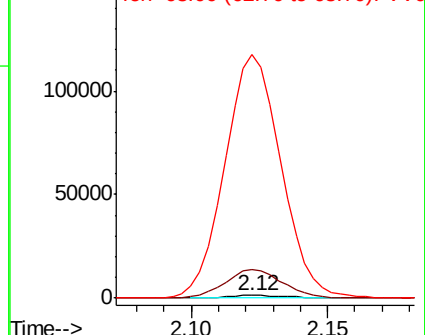
63 9448.9 91.9 170.7#

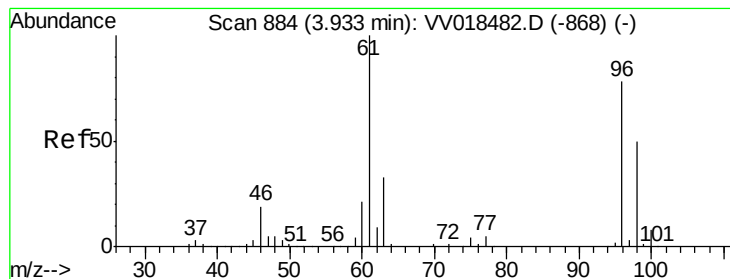


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



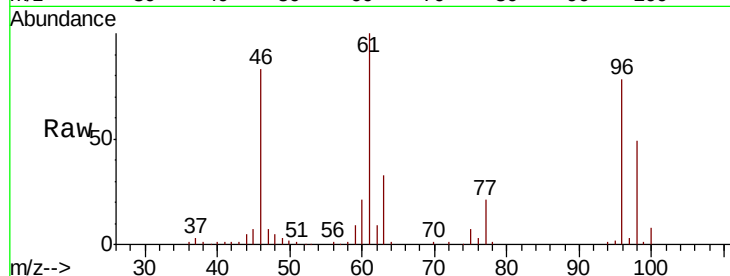


#20

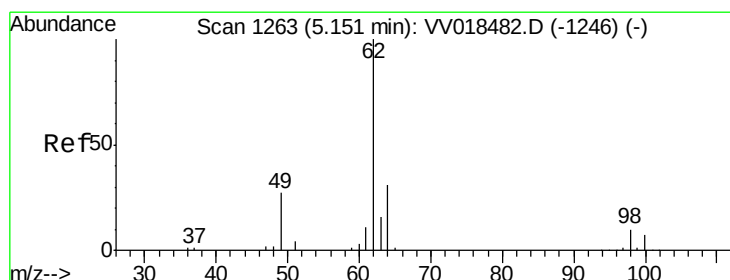
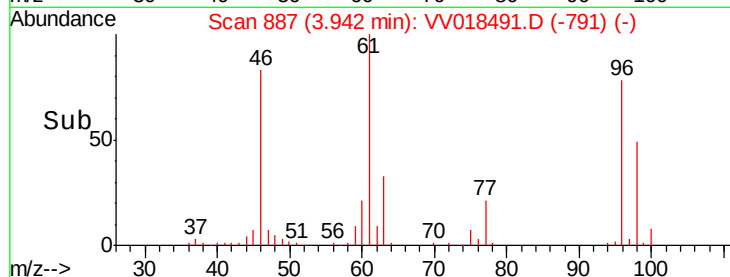
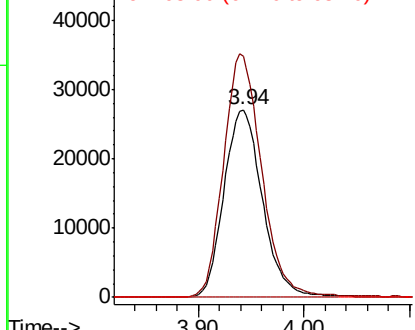
cis-1,2-Dichloroethene
 Concen: 37.217 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV018491.D
 Acq: 28 Sep 2020 14:11

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA8

Tot Ion: 96 Resp: 68181
 Ion Ratio Lower Upper
 96 100
 61 128.7 93.6 173.8
 68 0.0 0.0 0.0



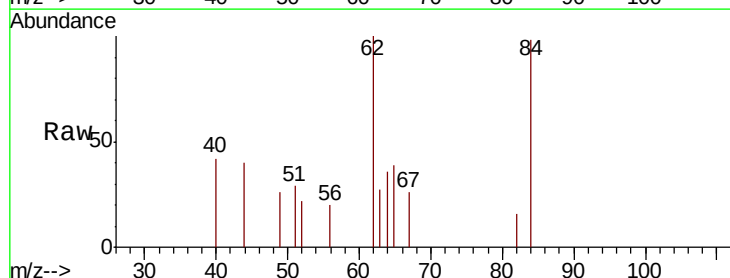
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0



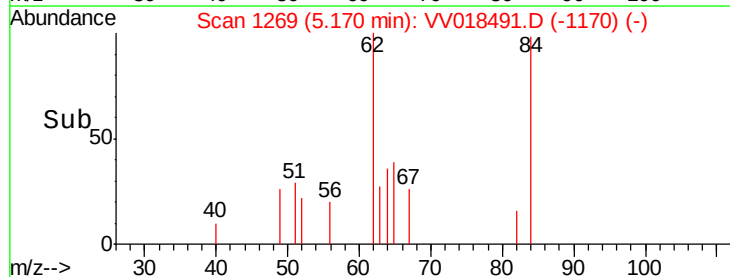
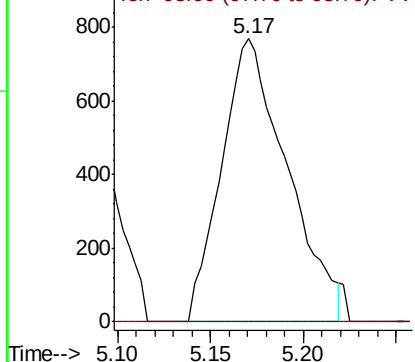
#27

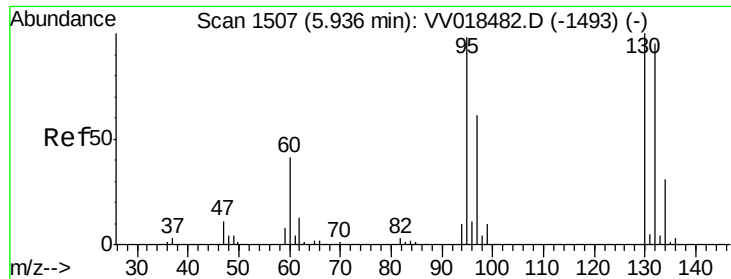
1,2-Dichloroethane
 Concen: 0.741 ug/L
 RT: 5.17 min Scan# 1269
 Delta R.T. 0.02 min
 Lab File: VV018491.D
 Acq: 28 Sep 2020 14:11

Tgt Ion: 62 Resp: 1890
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VV0
 Ion 98.00 (97.70 to 98.70): VV0





#34

Trichloroethene

Concen: 27.415 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV018491.D

Acq: 28 Sep 2020 14:11

Instrument :

MSVOA_V

ClientSampleId :

E0AA8

Tot Ion: 95 Resp: 52559

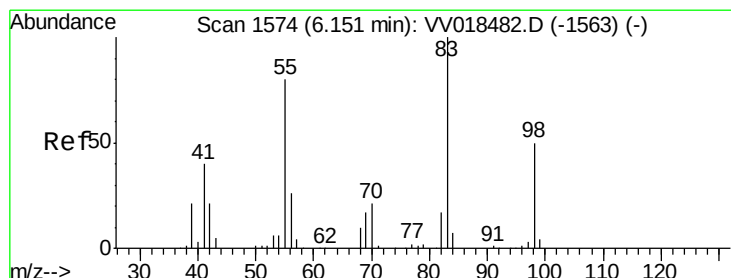
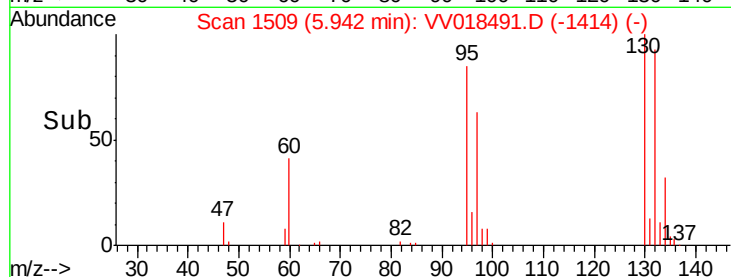
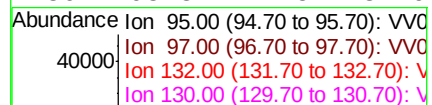
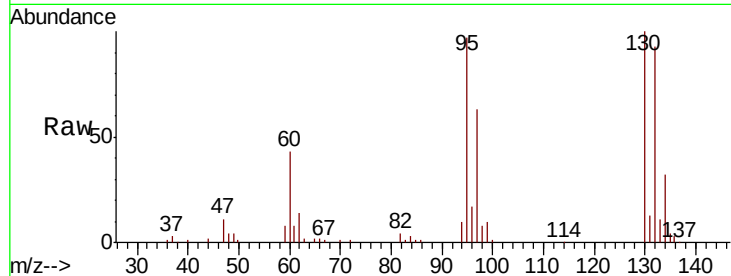
Ion Ratio Lower Upper

95 100

97 64.6 46.3 85.9

132 96.5 68.1 126.5

130 103.3 71.5 132.9



#35

Methylcyclohexane

Concen: 11.367 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV018491.D

Acq: 28 Sep 2020 14:11

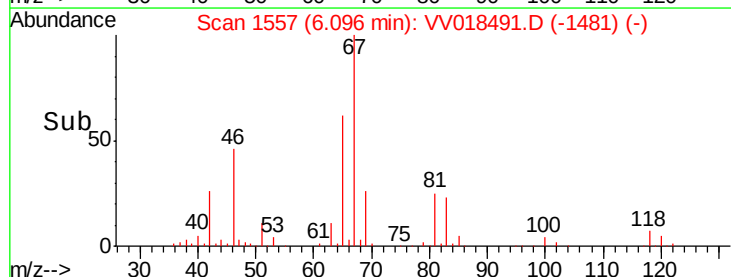
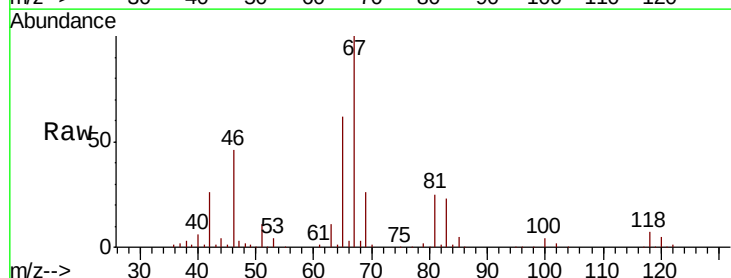
Tgt Ion: 83 Resp: 32813

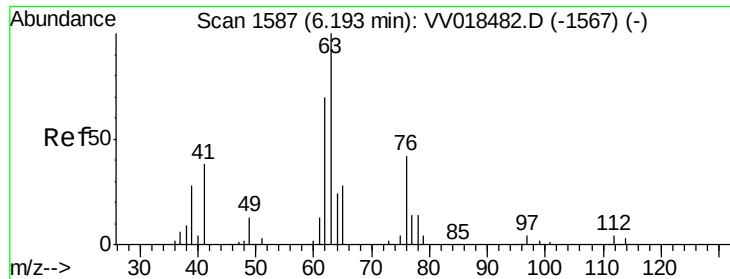
Ion Ratio Lower Upper

83 100

55 0.3 63.4 95.2#

98 1.5 38.8 58.2#

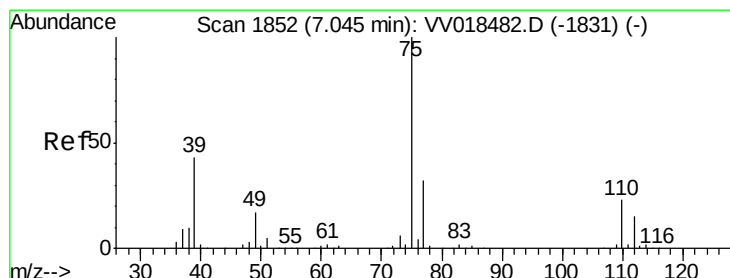
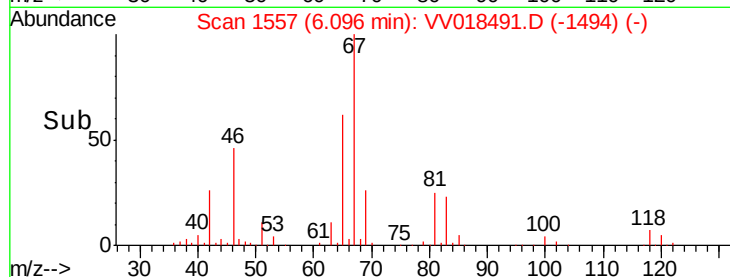
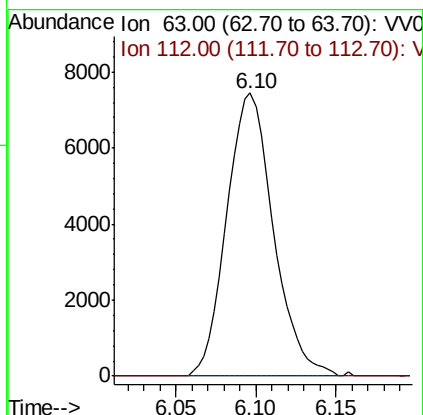
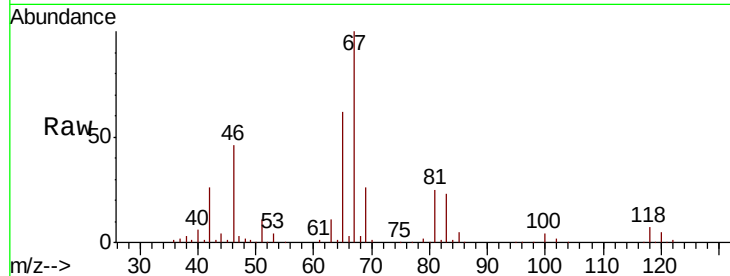




#37
 1,2-Dichloropropane
 Concen: 7.978 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV018491.D
 Acq: 28 Sep 2020 14:11

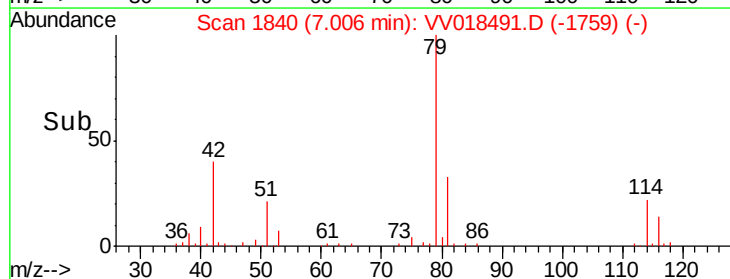
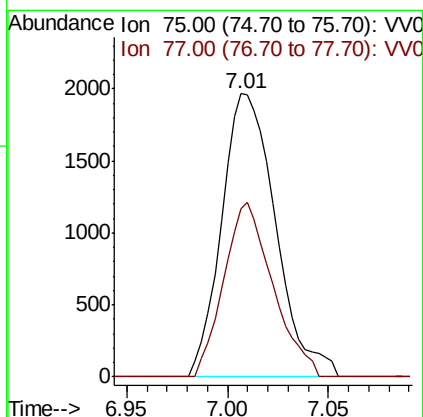
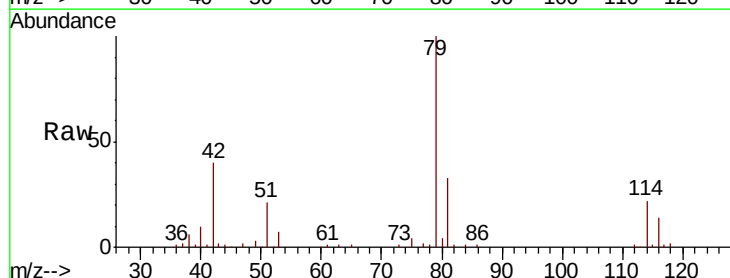
Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA8

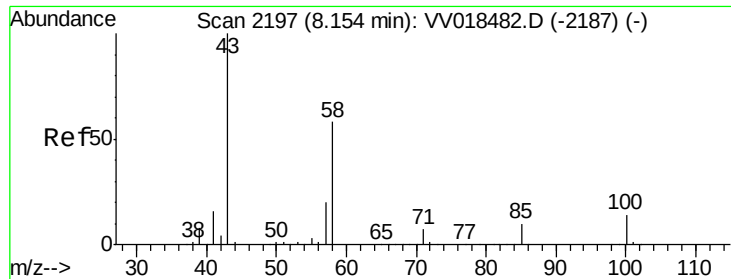
Tot Ion: 63 Resp: 14879
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 1.279 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018491.D
 Acq: 28 Sep 2020 14:11

Tgt Ion: 75 Resp: 3676
 Ion Ratio Lower Upper
 75 100
 77 59.4 22.3 41.3#

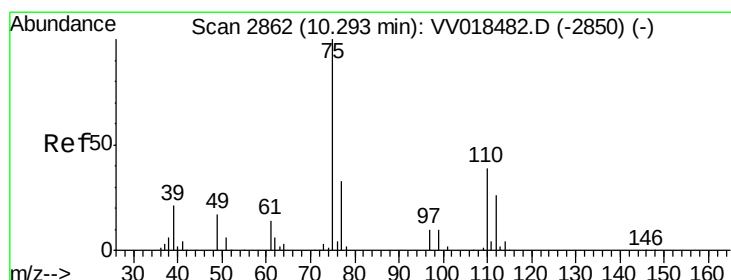
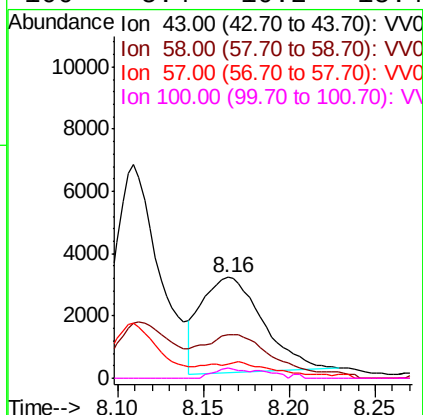
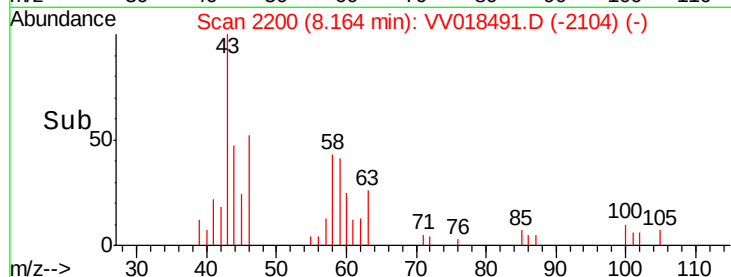
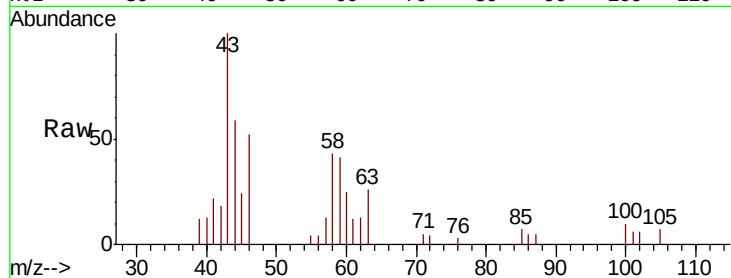




#48
2-Hexanone
Concen: 4.229 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV018491.D
Acq: 28 Sep 2020 14:11

Instrument :
MSVOA_V
ClientSampleId :
E0AA8

Tot Ion: 43 Resp: 7544
Ion Ratio Lower Upper
43 100
58 0.0 44.8 67.2#
57 8.6 15.8 23.6#
100 5.4 10.2 15.4#



#59
1,2,3-Trichloropropane
Concen: 6.321 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018491.D
Acq: 28 Sep 2020 14:11

Tgt Ion: 75 Resp: 13866
Ion Ratio Lower Upper
75 100
77 38.0 25.8 38.6

