

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092820\
 Data File : VV018490.D
 Acq On : 28 Sep 2020 13:49
 Operator : SY/MD
 Sample : L4117-06DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA7DL

Quant Time: Sep 29 00:52:31 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	233280	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	225722	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	113101	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	131473	69.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	138.30%#
7) Chloroethane-d5	1.58	69	111265	71.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	143.04%#
11) 1,1-Dichloroethene-d2	2.12	63	186315	53.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.86%
21) 2-Butanone-d5	3.91	46	177947	152.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	152.92%#
24) Chloroform-d	4.38	84	236047	71.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	143.12%#
26) 1,2-Dichloroethane-d4	5.06	65	154488	73.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	146.12%#
32) Benzene-d6	5.08	84	490059	75.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	151.68%#
36) 1,2-Dichloropropane-d6	6.09	67	156887	76.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	152.82%#
41) Toluene-d8	7.34	98	434947	73.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	147.72%#
43) trans-1,3-Dichloropropene-	7.64	79	76547	73.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	146.74%#
47) 2-Hexanone-d5	8.11	63	107458	138.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	138.17%#
57) 1,1,2,2-Tetrachloroethane-	10.24	84	189528	73.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	147.10%#
64) 1,2-Dichlorobenzene-d4	11.65	152	184774	79.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	159.10%#

Target Compounds

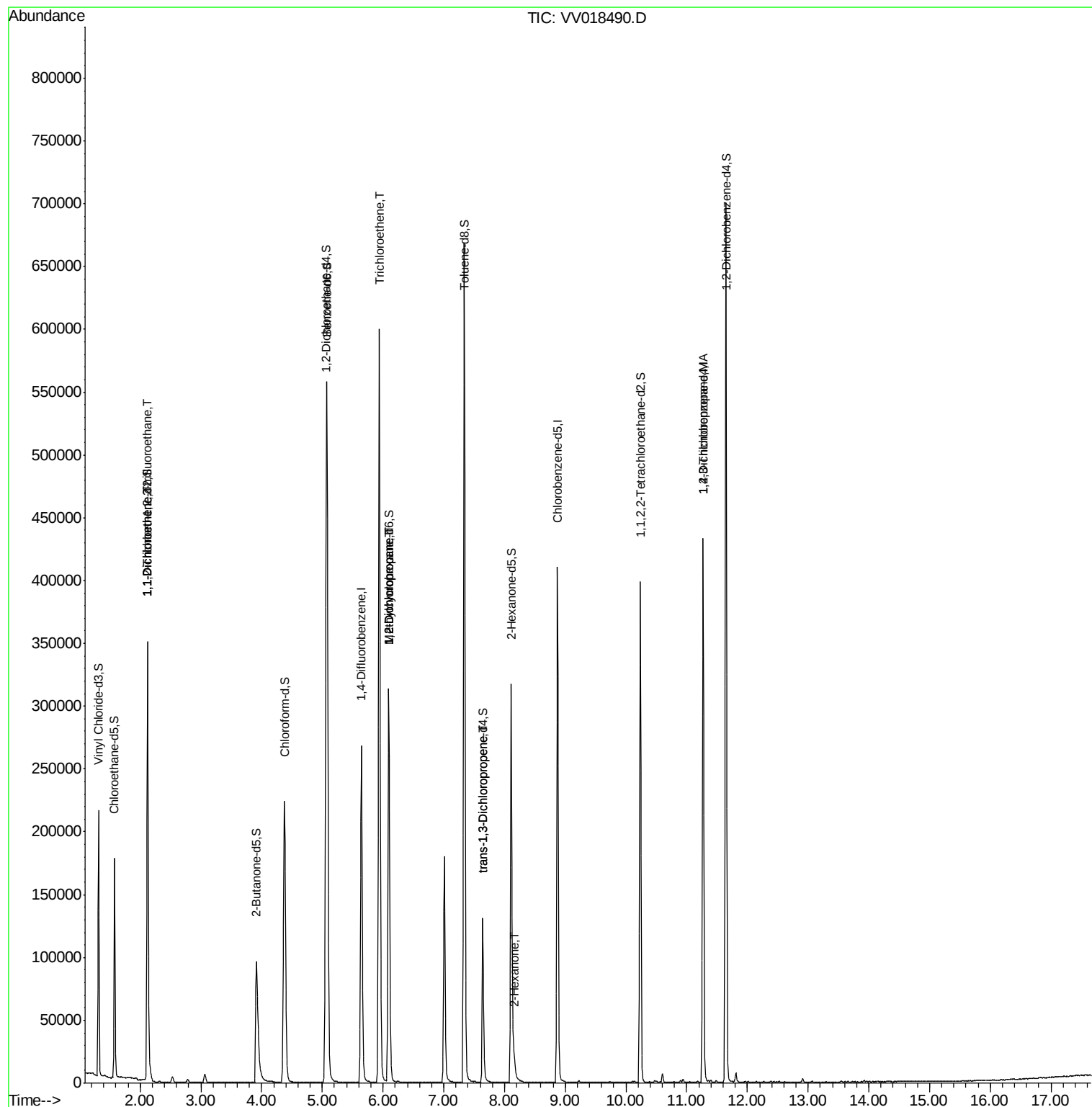
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1671	1.062 ug/L #	19
12) 1,1-Dichloroethene	2.13	96	1792	1.170 ug/L #	1
34) Trichloroethene	5.94	95	209653	119.253 ug/L	99
35) Methylcyclohexane	6.09	83	37219	14.061 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	16618	9.717 ug/L #	87
44) trans-1,3-Dichloropropene	7.64	75	2831	1.103 ug/L	86
48) 2-Hexanone	8.16	43	9745	5.958 ug/L #	39
59) 1,2,3-Trichloropropane	11.27	75	12989	6.458 ug/L	94

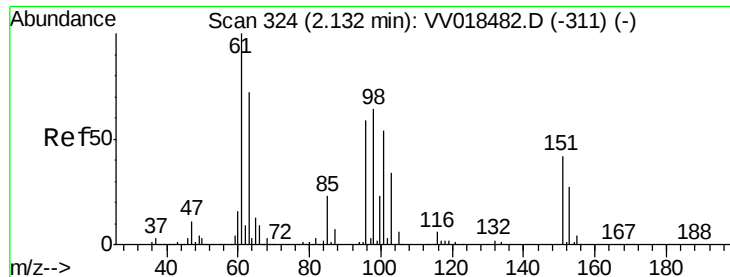
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 1.062 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018490.D

Acq: 28 Sep 2020 13:49

Instrument :

MSVOA_V

ClientSampleId :

E0AA7DL

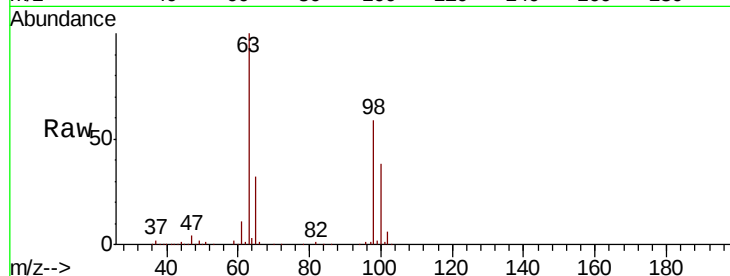
Tot Ion:101 Resp: 1671

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

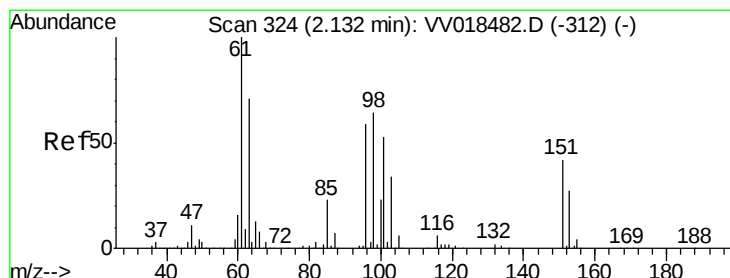
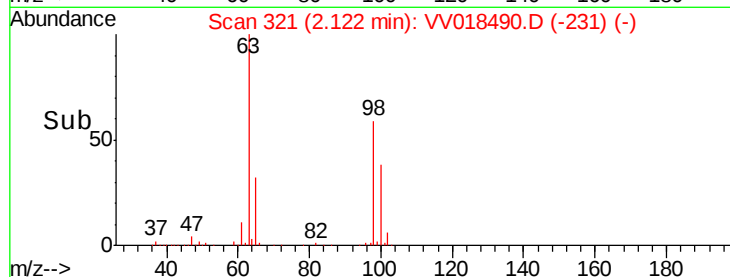
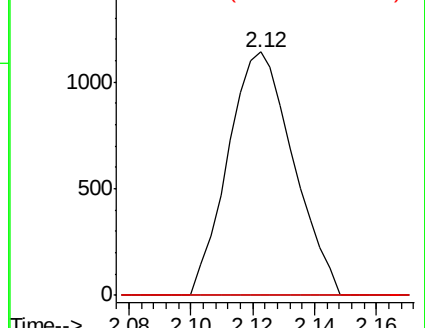
151 0.0 62.2 93.2#



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: 1.170 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018490.D

Acq: 28 Sep 2020 13:49

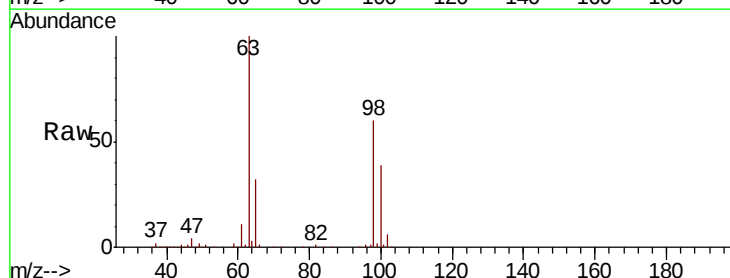
Tgt Ion: 96 Resp: 1792

Ion Ratio Lower Upper

96 100

61 1261.7 122.9 228.3#

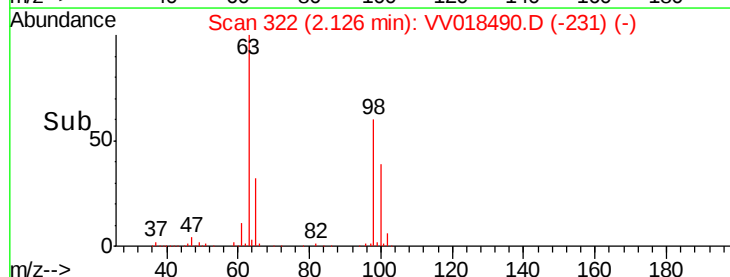
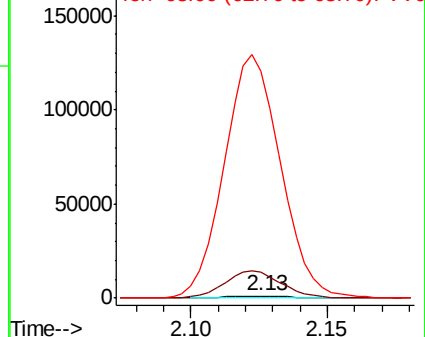
63 11185.9 91.9 170.7#

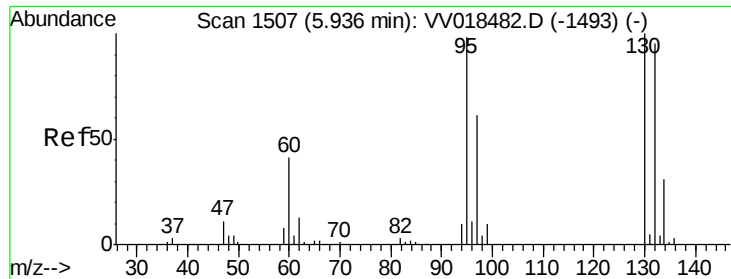


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#34

Trichloroethene

Concen: 119.253 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018490.D

Acq: 28 Sep 2020 13:49

Instrument :

MSVOA_V

ClientSampleID :

E0AA7DL

Tot Ion: 95 Resp: 209653

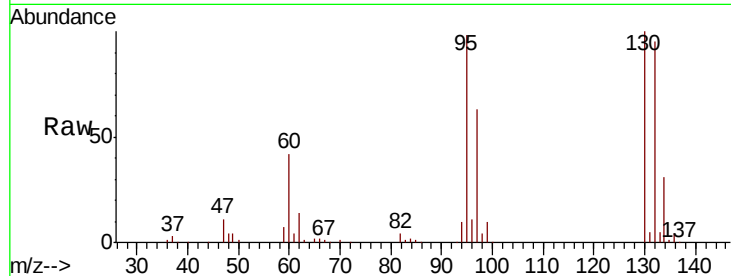
Ion Ratio Lower Upper

95 100

97 64.2 46.3 85.9

132 97.3 68.1 126.5

130 101.9 71.5 132.9

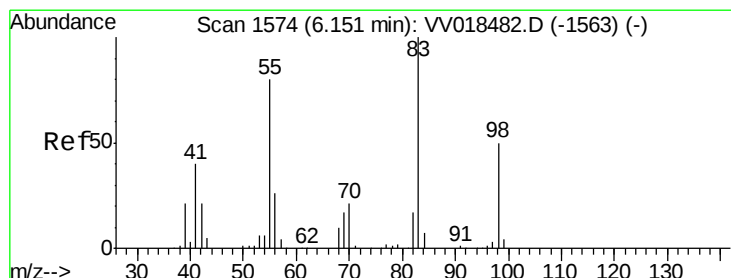
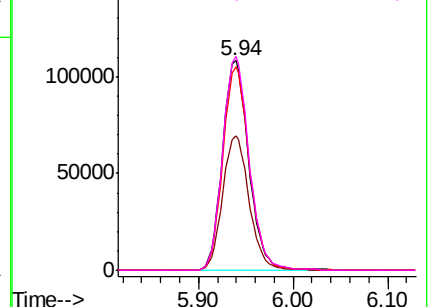
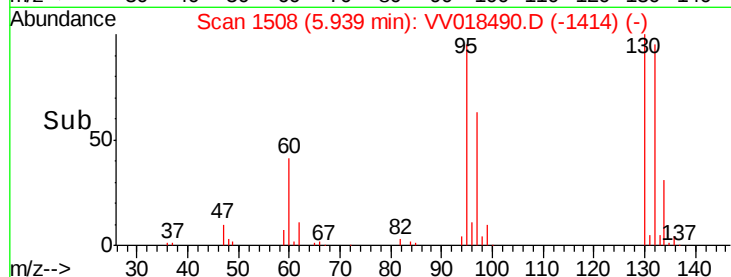


Abundance Ion 95.00 (94.70 to 95.70): VV018482.D (-1493) (-)

Ion 97.00 (96.70 to 97.70): VV018482.D (-1493) (-)

Ion 132.00 (131.70 to 132.70): VV018482.D (-1493) (-)

Ion 130.00 (129.70 to 130.70): VV018482.D (-1493) (-)



#35

Methylcyclohexane

Concen: 14.061 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018490.D

Acq: 28 Sep 2020 13:49

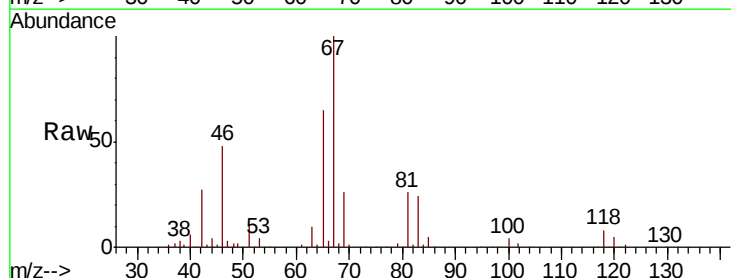
Tgt Ion: 83 Resp: 37219

Ion Ratio Lower Upper

83 100

55 0.2 63.4 95.2#

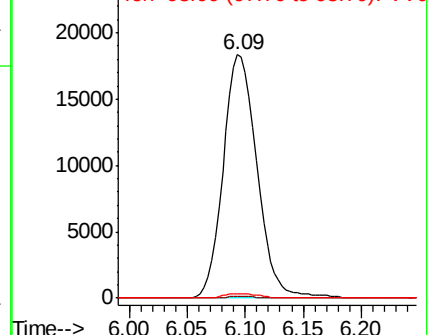
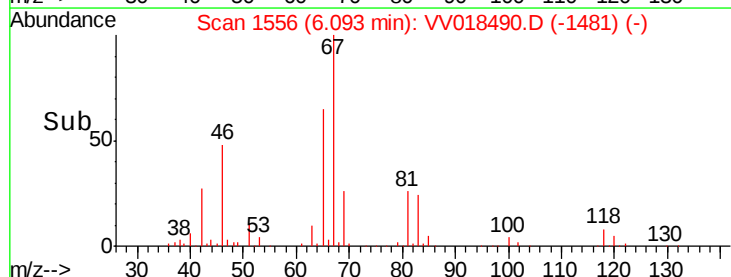
98 1.8 38.8 58.2#

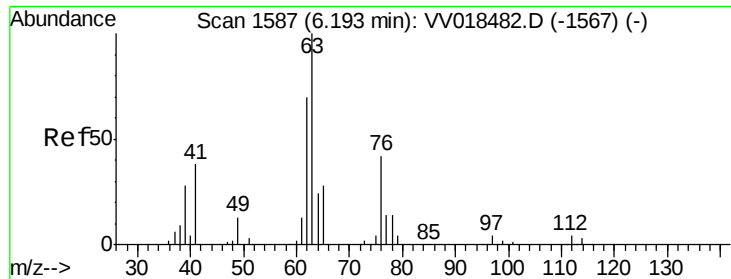


Abundance Ion 83.00 (82.70 to 83.70): VV018482.D (-1563) (-)

Ion 55.00 (54.70 to 55.70): VV018482.D (-1563) (-)

Ion 98.00 (97.70 to 98.70): VV018482.D (-1563) (-)

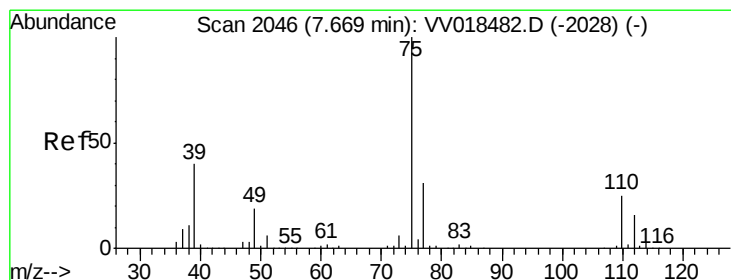
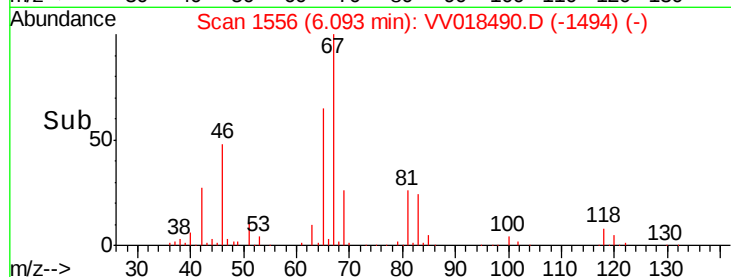
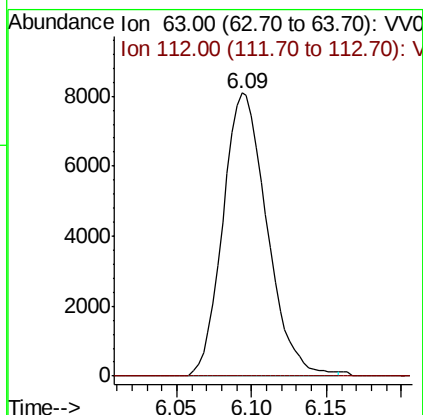
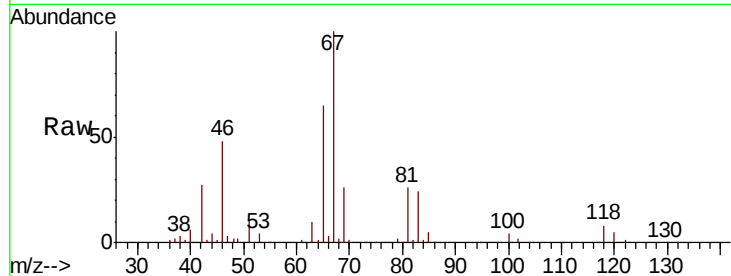




#37
 1,2-Dichloropropane
 Concen: 9.717 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018490.D
 Acq: 28 Sep 2020 13:49

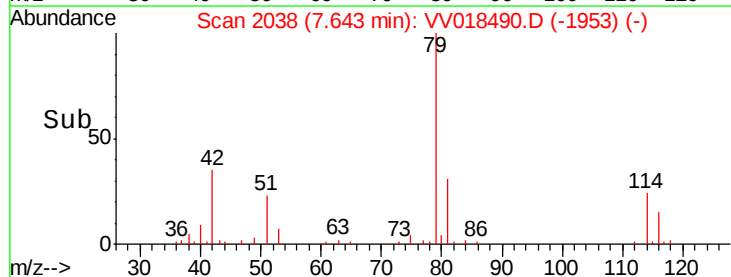
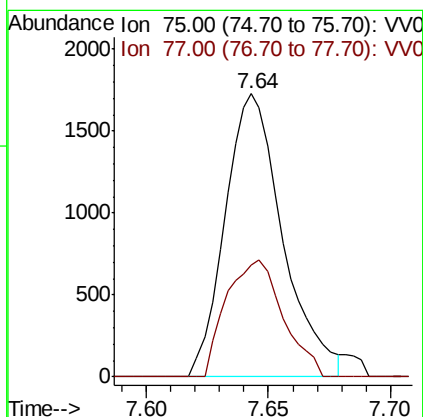
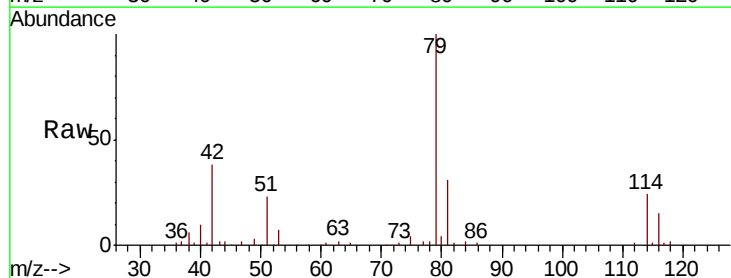
Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA7DL

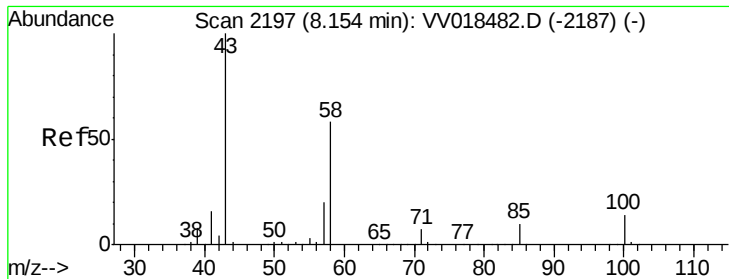
Tot Ion: 63 Resp: 16618
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#44
 trans-1,3-Dichloropropene
 Concen: 1.103 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV018490.D
 Acq: 28 Sep 2020 13:49

Tgt Ion: 75 Resp: 2831
 Ion Ratio Lower Upper
 75 100
 77 39.7 22.3 41.5

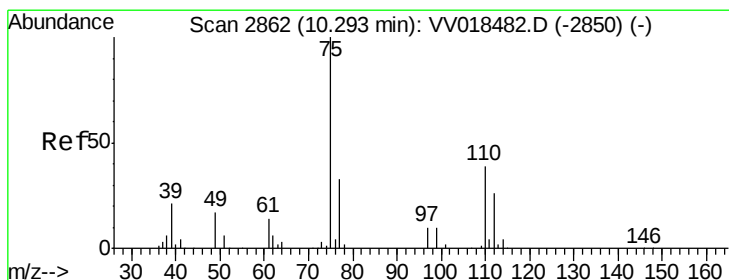
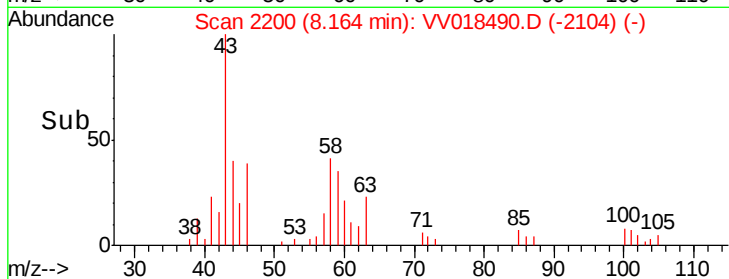
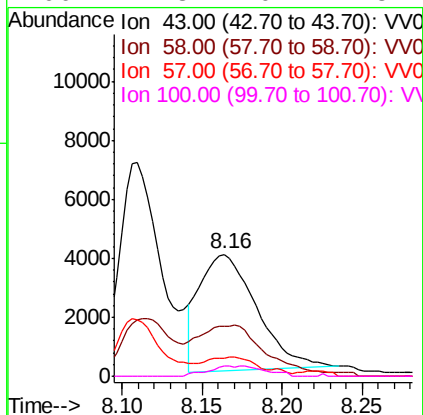
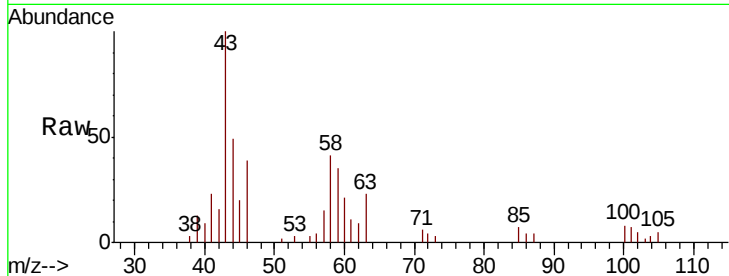




#48
2-Hexanone
Concen: 5.958 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV018490.D
Acq: 28 Sep 2020 13:49

Instrument :
MSVOA_V
ClientSampleId :
E0AA7DL

Tot Ion: 43 Resp: 9745
Ion Ratio Lower Upper
43 100
58 0.0 44.8 67.2#
57 1.5 15.8 23.6#
100 4.3 10.2 15.4#



#59
1,2,3-Trichloropropane
Concen: 6.458 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018490.D
Acq: 28 Sep 2020 13:49

Tgt Ion: 75 Resp: 12989
Ion Ratio Lower Upper
75 100
77 35.4 25.8 38.6

