

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092820\
 Data File : VV018500.D
 Acq On : 28 Sep 2020 17:58
 Operator : SY/MD
 Sample : L4117-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AB3

Quant Time: Sep 29 00:53:31 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	336593	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	326634	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	161342	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95969	34.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.98%
7) Chloroethane-d5	1.58	69	86735	38.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.28%
11) 1,1-Dichloroethene-d2	2.12	63	140767	27.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.96%#
21) 2-Butanone-d5	3.91	46	157386	93.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.74%
24) Chloroform-d	4.38	84	197685	41.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.08%
26) 1,2-Dichloroethane-d4	5.06	65	130148	42.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.32%
32) Benzene-d6	5.07	84	401675	42.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.92%
36) 1,2-Dichloropropane-d6	6.09	67	131230	44.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.34%
41) Toluene-d8	7.34	98	357609	41.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.92%
43) trans-1,3-Dichloropropene-	7.64	79	63956	42.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.72%
47) 2-Hexanone-d5	8.11	63	97968	87.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.05%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	168084	45.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	155274	46.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.72%

Target Compounds

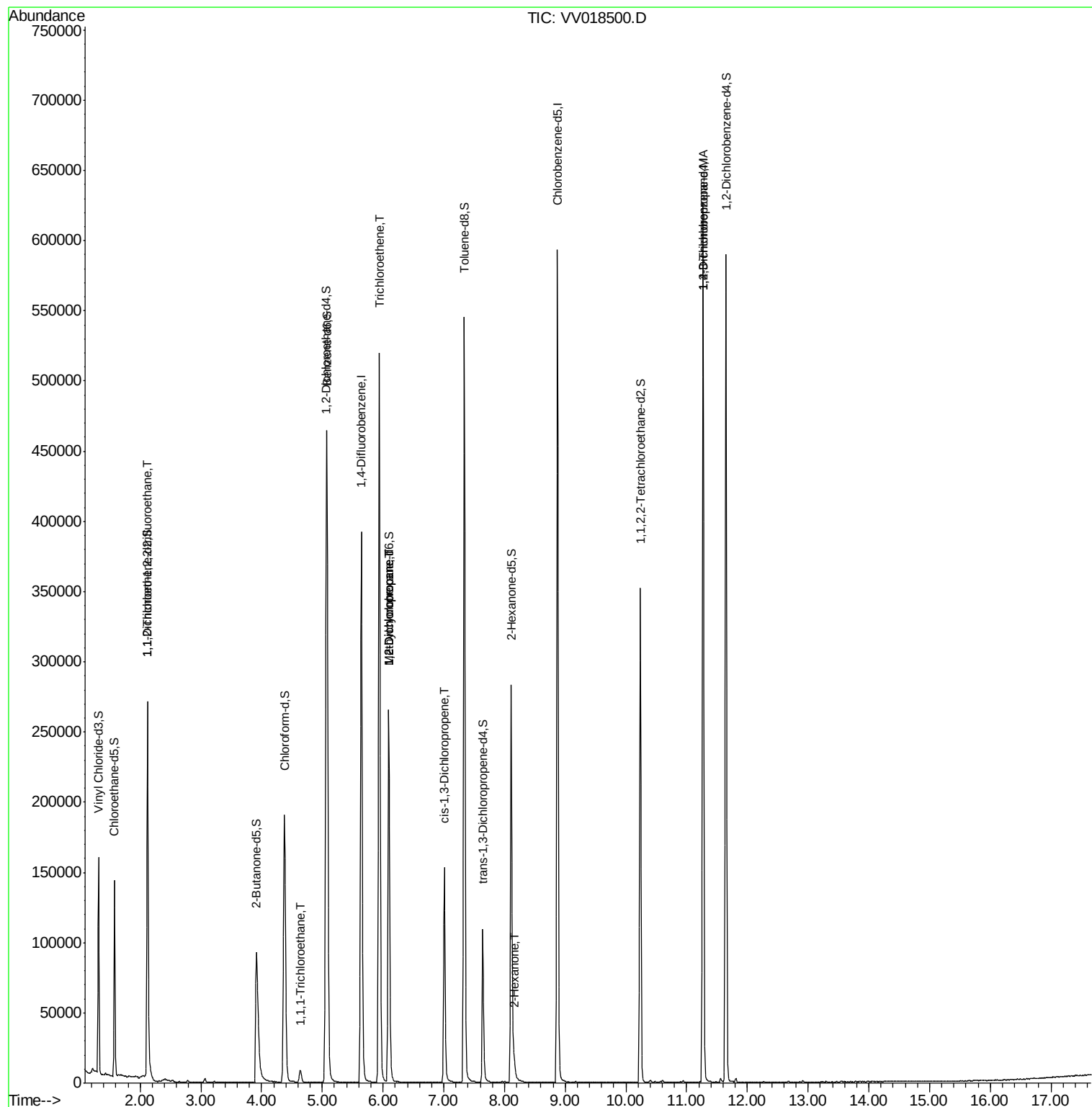
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1535	0.676 ug/L #	19
30) 1,1,1-Trichloroethane	4.64	97	7788	2.054 ug/L	98
34) Trichloroethene	5.94	95	180144	70.811 ug/L	98
35) Methylcyclohexane	6.10	83	31695	8.275 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	13868	5.604 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3418	0.896 ug/L #	52
48) 2-Hexanone	8.16	43	6133	2.591 ug/L #	84
59) 1,2,3-Trichloropropane	11.27	75	18001	6.184 ug/L	90

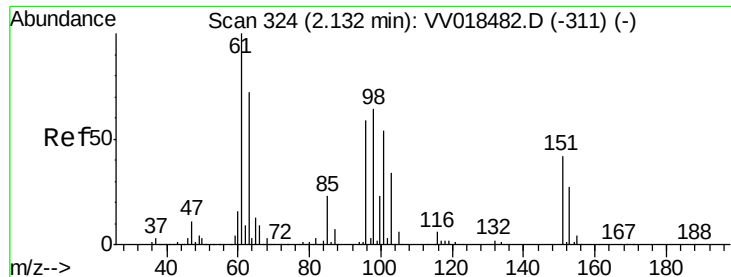
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092820\
Data File : VV018500.D
Acq On : 28 Sep 2020 17:58
Operator : SY/MD
Sample : L4117-18
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0AB3

Quant Time: Sep 29 00:53:31 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: 0.676 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018500.D

Acq: 28 Sep 2020 17:58

Instrument :

MSVOA_V

ClientSampleId :

E0AB3

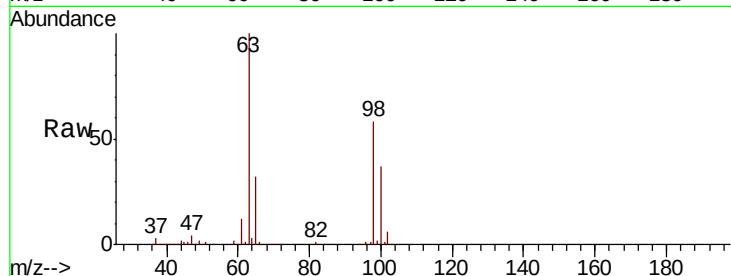
Tot Ion: 101 Resp: 1535

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

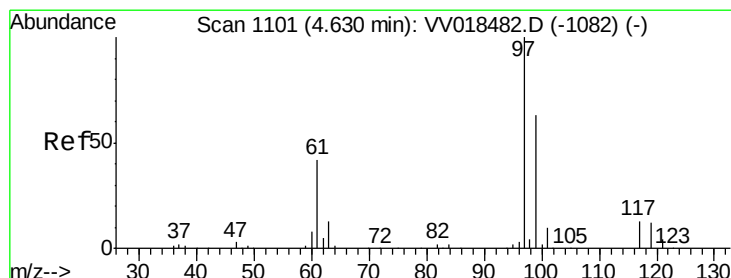
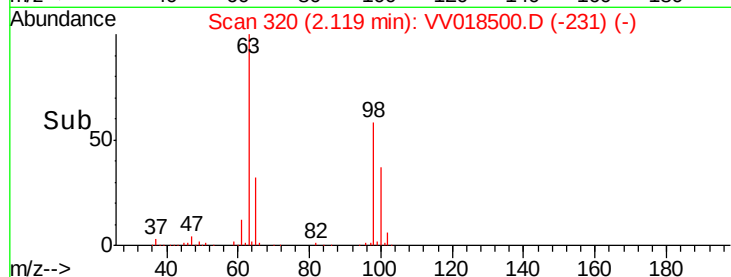
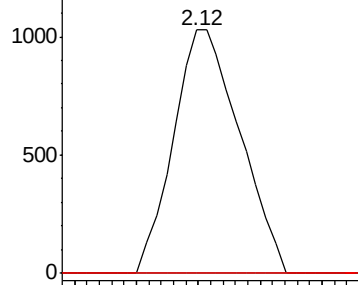
151 0.0 62.2 93.2#



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



#30

1,1,1-Trichloroethane

Concen: 2.054 ug/L

RT: 4.64 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VV018500.D

Acq: 28 Sep 2020 17:58

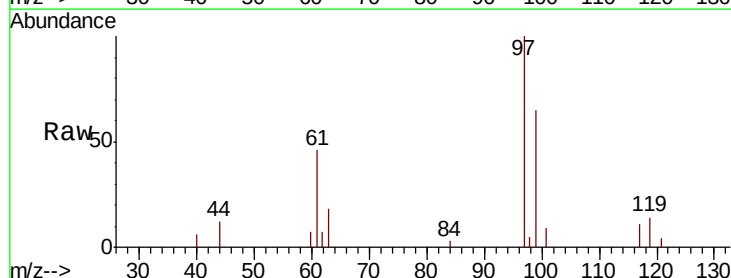
Tgt Ion: 97 Resp: 7788

Ion Ratio Lower Upper

97 100

99 65.9 51.6 77.4

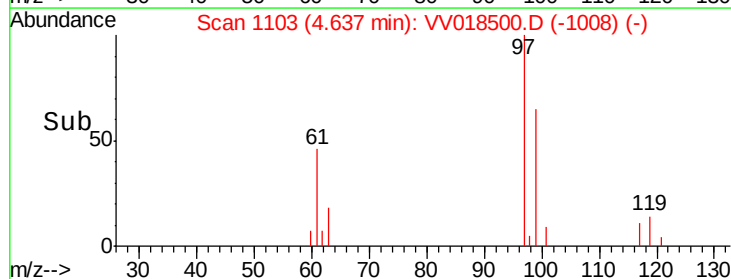
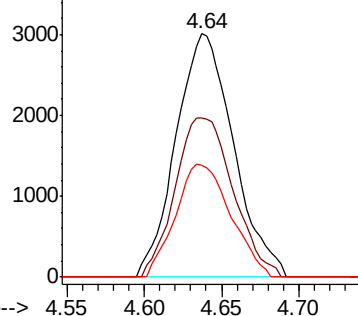
61 44.4 34.9 52.3

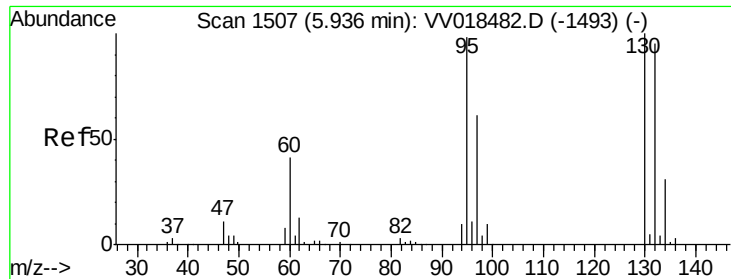


Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 61.05 (60.75 to 61.75): VV0





#34

Trichloroethene

Concen: 70.811 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018500.D

Acq: 28 Sep 2020 17:58

Instrument :

MSVOA_V

ClientSampled :

E0AB3

Tot Ion: 95 Resp: 180144

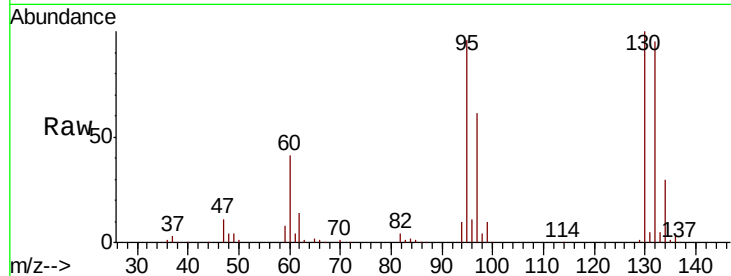
Ion Ratio Lower Upper

95 100

97 64.1 46.3 85.9

132 98.8 68.1 126.5

130 104.3 71.5 132.9

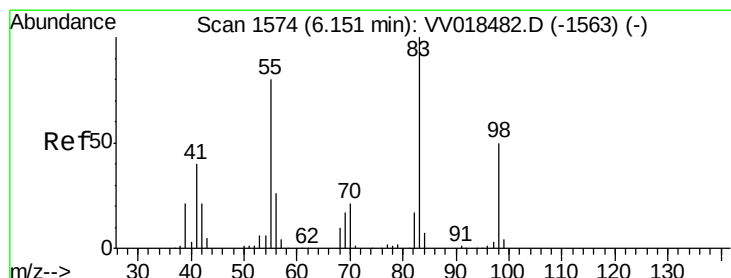
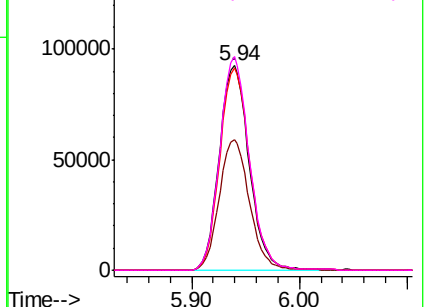
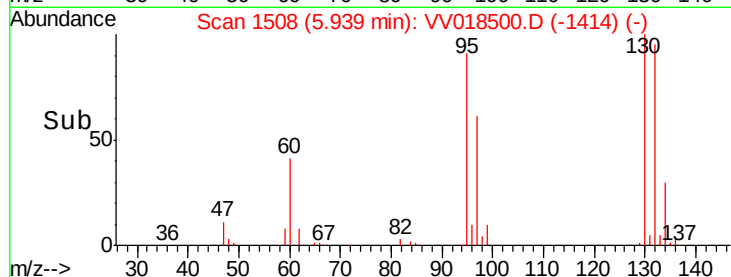


Abundance Ion 95.00 (94.70 to 95.70): VV018500.D (-1414) (-)

Ion 97.00 (96.70 to 97.70): VV018500.D (-1414) (-)

Ion 132.00 (131.70 to 132.70): VV018500.D (-1414) (-)

Ion 130.00 (129.70 to 130.70): VV018500.D (-1414) (-)



#35

Methylcyclohexane

Concen: 8.275 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV018500.D

Acq: 28 Sep 2020 17:58

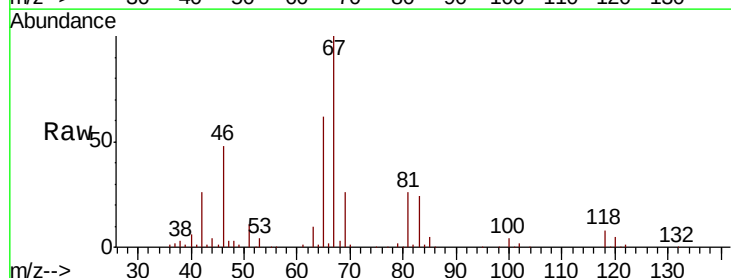
Tgt Ion: 83 Resp: 31695

Ion Ratio Lower Upper

83 100

55 0.4 63.4 95.2#

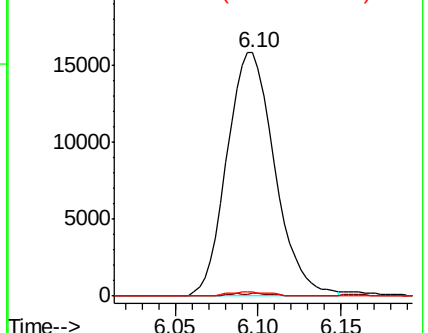
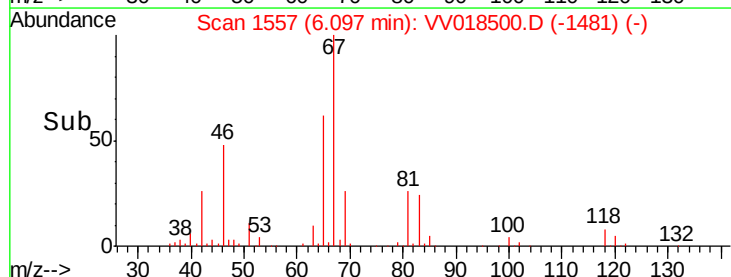
98 1.5 38.8 58.2#

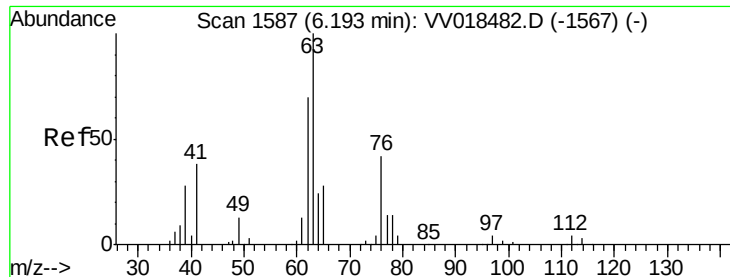


Abundance Ion 83.00 (82.70 to 83.70): VV018500.D (-1481) (-)

Ion 55.00 (54.70 to 55.70): VV018500.D (-1481) (-)

Ion 98.00 (97.70 to 98.70): VV018500.D (-1481) (-)

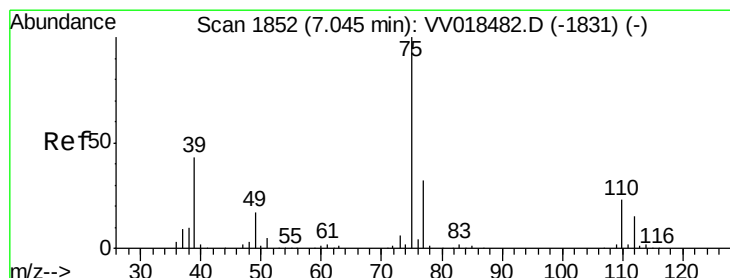
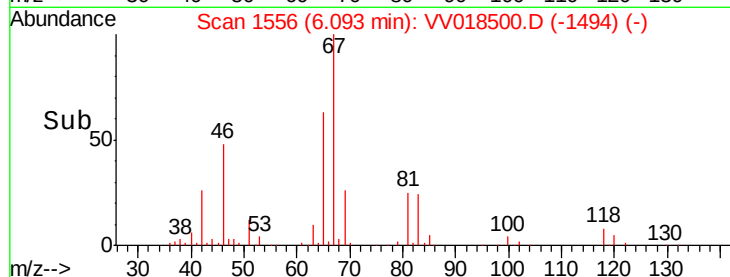
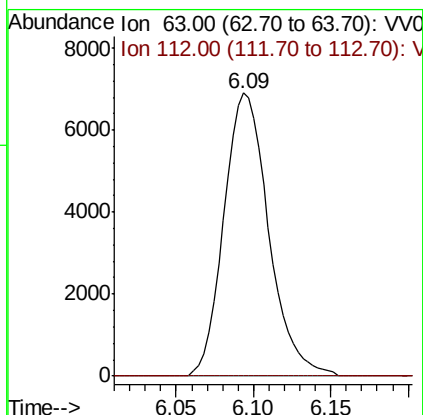
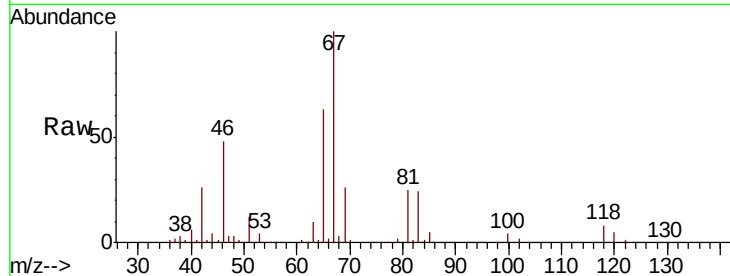




#37
 1,2-Dichloropropane
 Concen: 5.604 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018500.D
 Acq: 28 Sep 2020 17:58

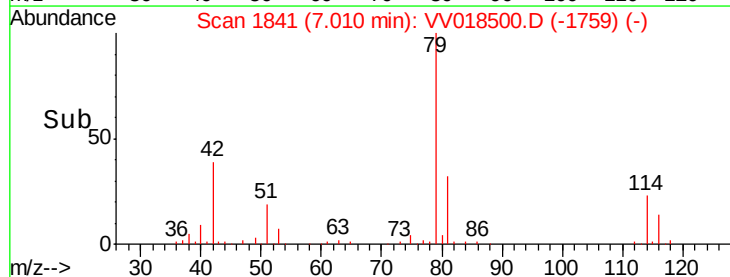
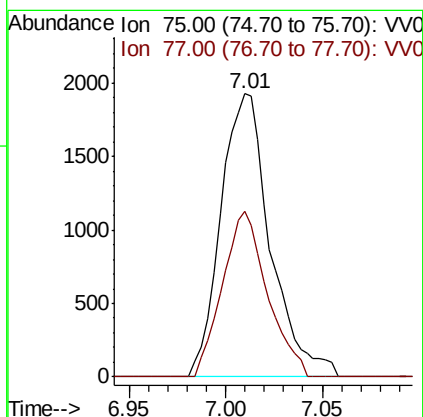
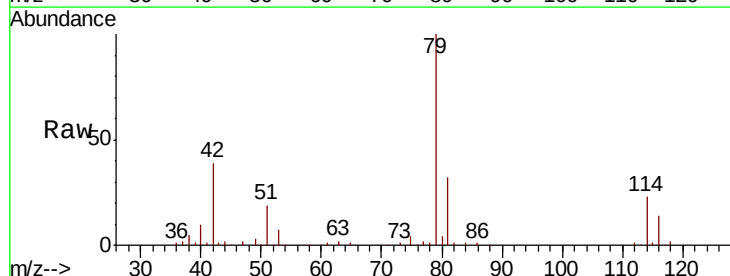
Instrument :
 MSVOA_V
 ClientSampleId :
 E0AB3

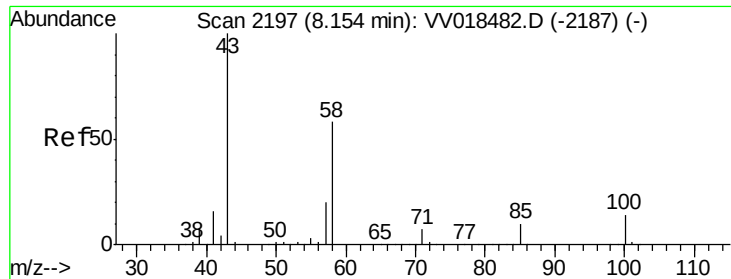
Tot Ion: 63 Resp: 13868
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.896 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018500.D
 Acq: 28 Sep 2020 17:58

Tgt Ion: 75 Resp: 3418
 Ion Ratio Lower Upper
 75 100
 77 58.5 22.3 41.3#

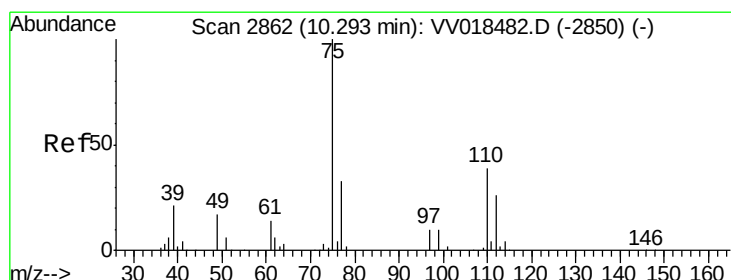
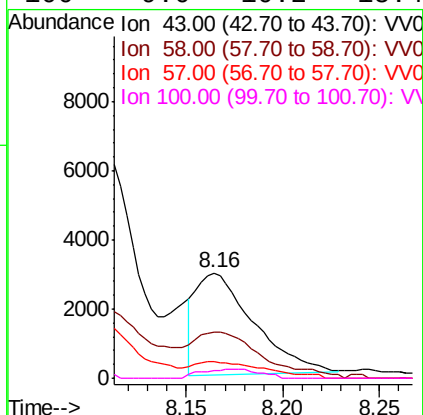
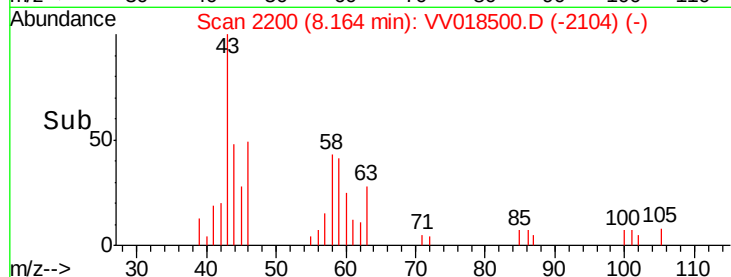
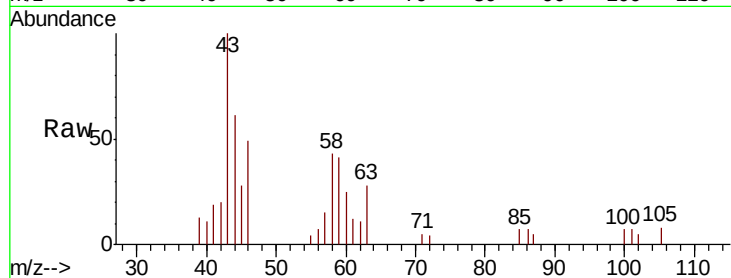




#48
2-Hexanone
Concen: 2.591 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV018500.D
Acq: 28 Sep 2020 17:58

Instrument :
MSVOA_V
ClientSampleId :
E0AB3

Tot Ion: 43 Resp: 6133
Ion Ratio Lower Upper
43 100
58 39.3 44.8 67.2#
57 19.6 15.8 23.6
100 9.0 10.2 15.4#



#59
1,2,3-Trichloropropane
Concen: 6.184 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018500.D
Acq: 28 Sep 2020 17:58

Tgt Ion: 75 Resp: 18001
Ion Ratio Lower Upper
75 100
77 37.7 25.8 38.6

