

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
 Data File : VV019519.D
 Acq On : 10 Dec 2020 19:04
 Operator : SY/MD
 Sample : L4997-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP0

Quant Time: Dec 11 02:39:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 02:38:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	705596	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	646837	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	304778	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	201771	39.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.76%
7) Chloroethane-d5	1.57	69	173211	43.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.11	63	314634	33.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.00%
21) 2-Butanone-d5	3.89	46	266091	96.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.76%
24) Chloroform-d	4.35	84	400046	43.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.74%
26) 1,2-Dichloroethane-d4	5.04	65	277432	46.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.10%
32) Benzene-d6	5.05	84	800458	46.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.07	67	252343	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.38%
41) Toluene-d8	7.32	98	716472	46.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.26%
43) trans-1,3-Dichloropropene-	7.62	79	140900	45.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.68%
47) 2-Hexanone-d5	8.09	63	207458	97.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.81%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	339149	46.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.63	152	267727	46.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.98%

Target Compounds

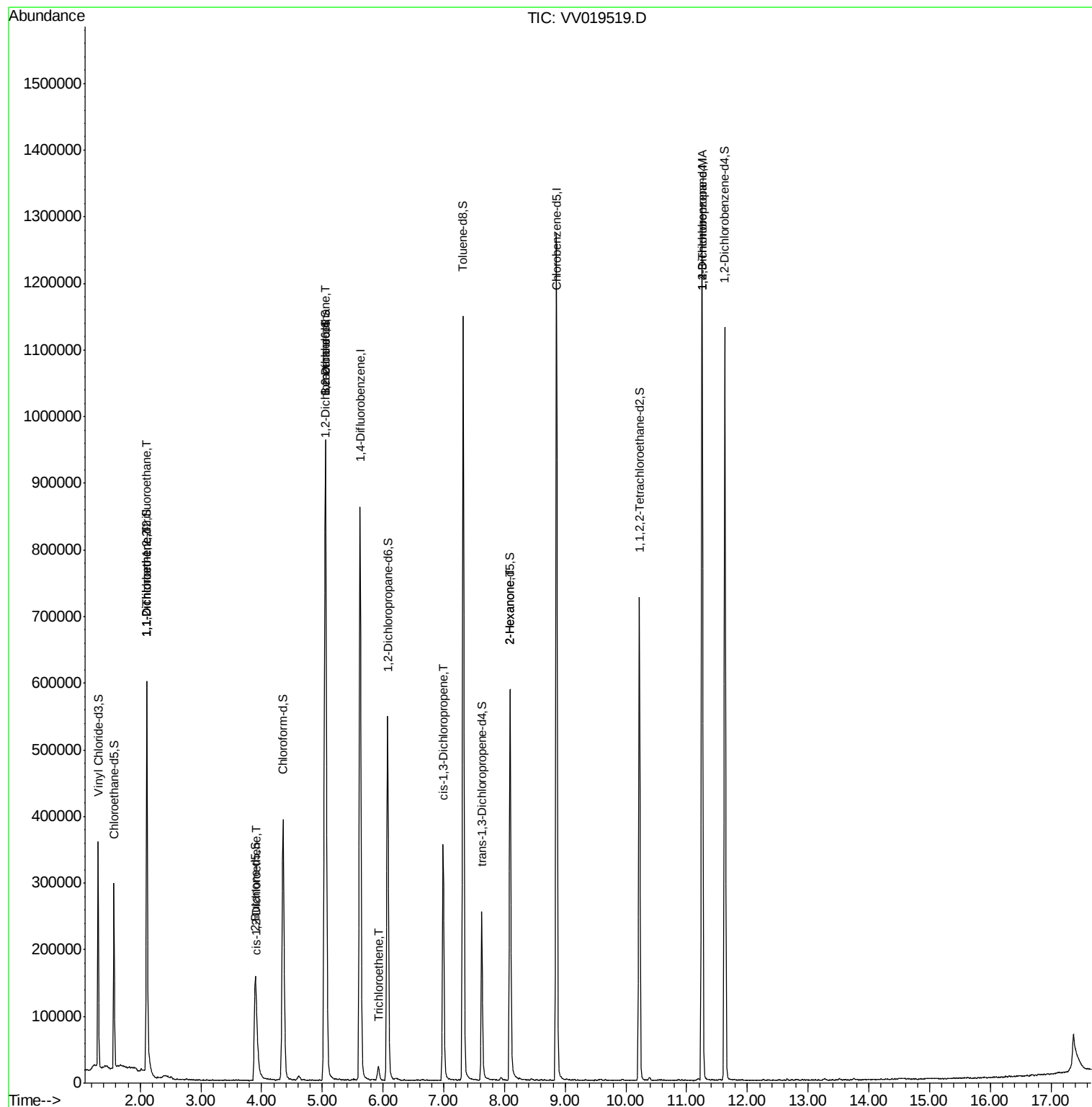
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	3179	0.776 ug/L #	27
12) 1,1-Dichloroethene	2.12	96	7467	1.776 ug/L #	1
20) cis-1,2-Dichloroethene	3.92	96	7797	1.539 ug/L #	99
27) 1,2-Dichloroethane	5.05	62	5100	0.690 ug/L	99
34) Trichloroethene	5.93	95	6572	1.316 ug/L	99
39) cis-1,3-Dichloropropene	6.99	75	9485	1.157 ug/L #	59
48) 2-Hexanone	8.09	43	22663	4.193 ug/L #	66
59) 1,2,3-Trichloropropane	11.25	75	40643	6.619 ug/L	89

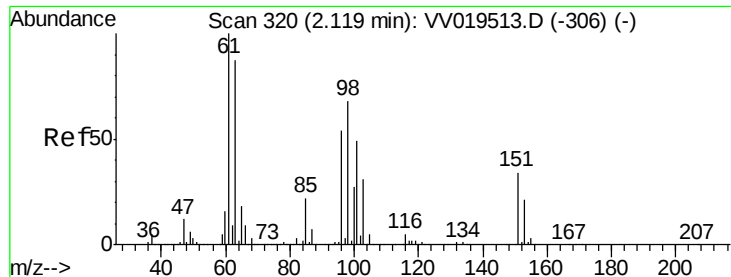
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 11 02:38:22 2020
Response via : Initial Calibration





#10

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

Concen: 0.776 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019519.D

Acq: 10 Dec 2020 19:04

Instrument :

MSVOA_V

ClientSampled :

C0AP0

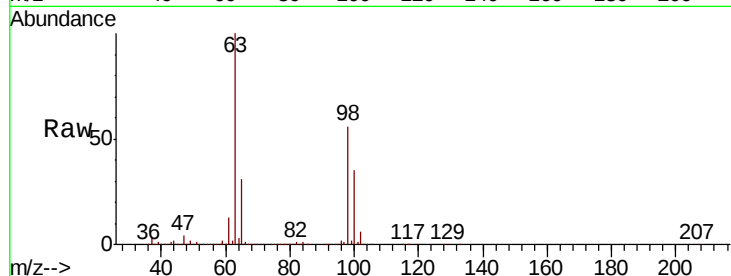
Tot Ion:101 Resp: 3179

Ion Ratio Lower Upper

101 100

85 3.7 35.0 52.4#

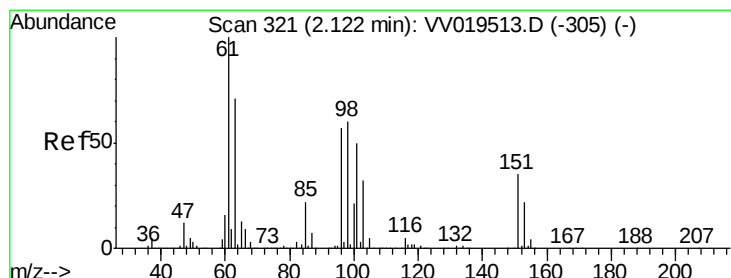
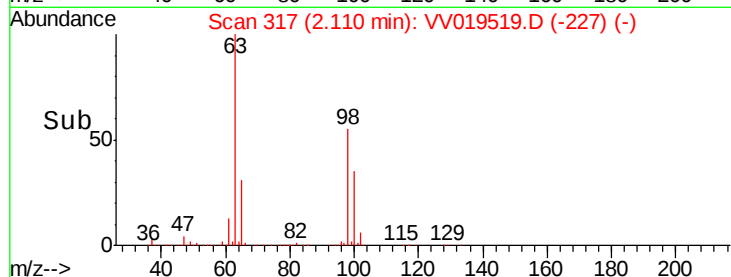
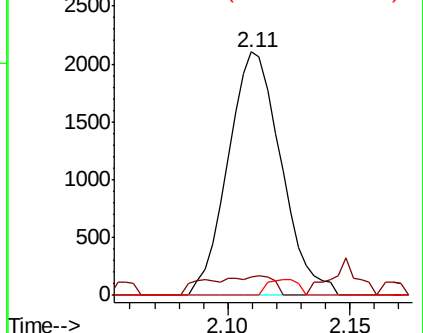
151 3.7 55.8 83.8#



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: 1.776 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.00 min

Lab File: VV019519.D

Acq: 10 Dec 2020 19:04

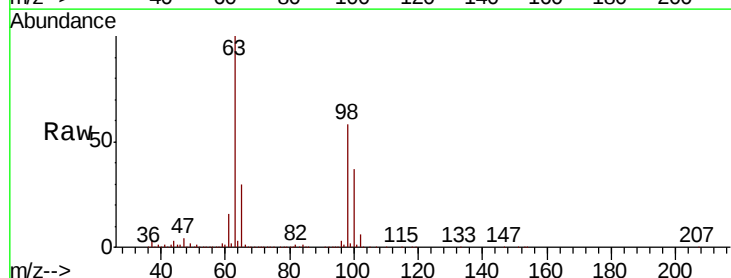
Tgt Ion: 96 Resp: 7467

Ion Ratio Lower Upper

96 100

61 491.2 120.7 224.1#

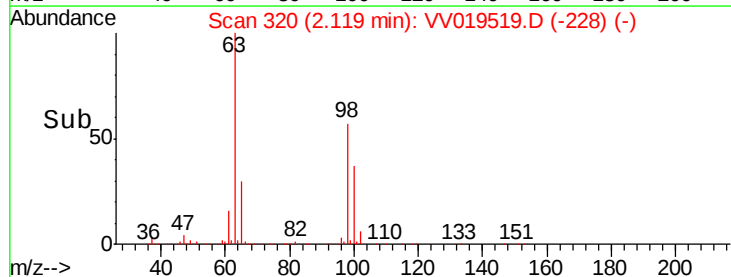
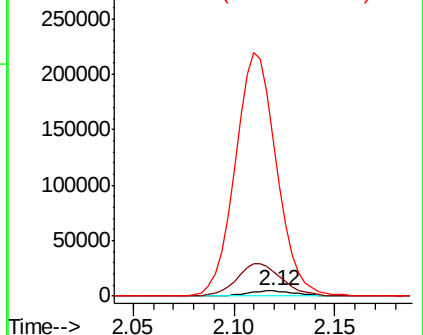
63 3120.2 64.3 119.5#

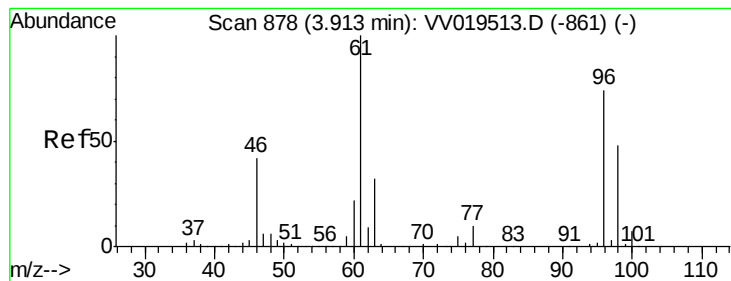


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



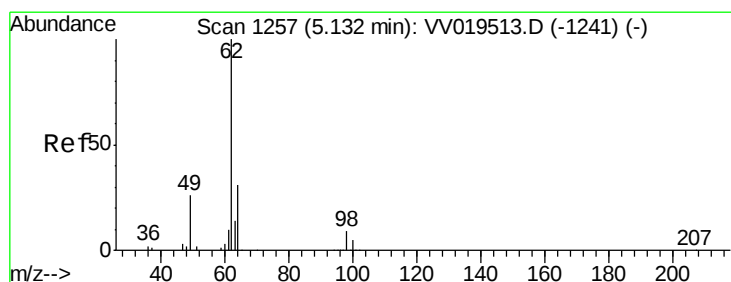
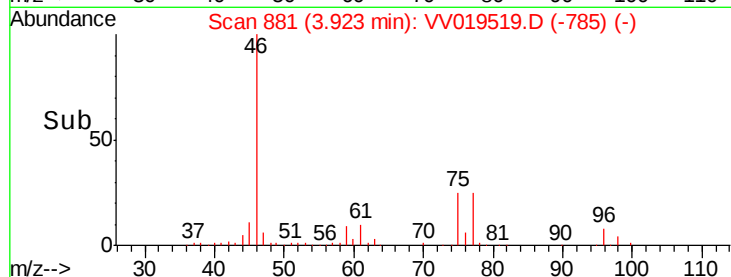
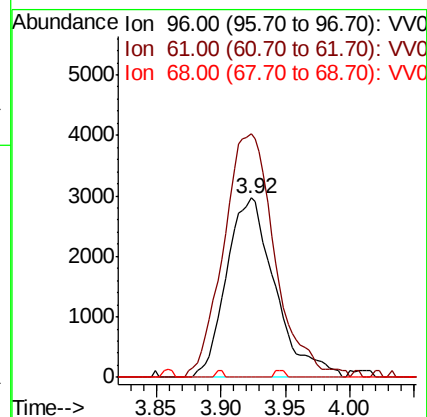
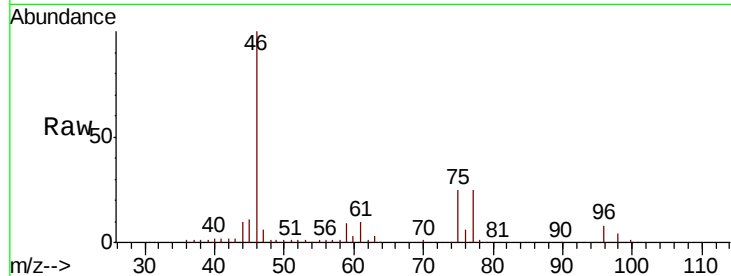


#20

cis-1,2-Dichloroethene
 Concen: 1.539 ug/L
 RT: 3.92 min Scan# 881
 Delta R.T. 0.01 min
 Lab File: VV019519.D
 Acq: 10 Dec 2020 19:04

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP0

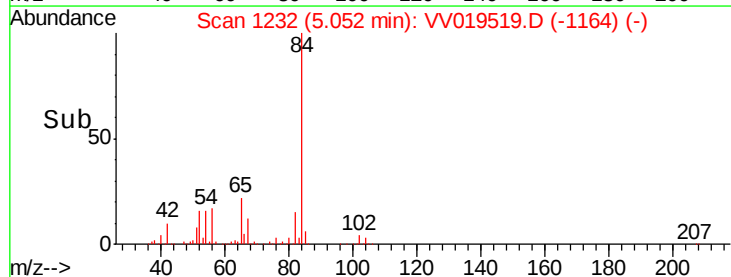
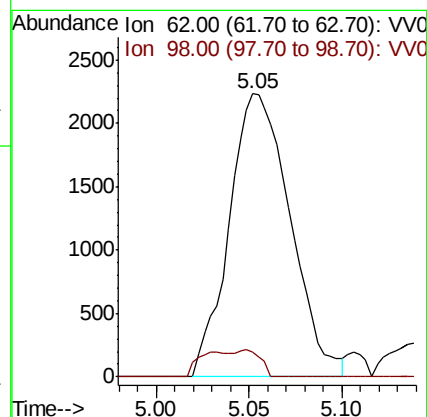
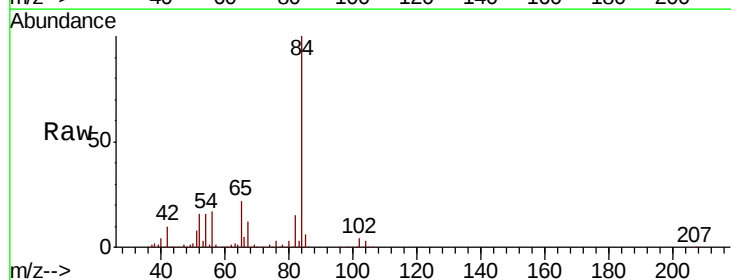
Tot Ion: 96 Resp: 7797
 Ion Ratio Lower Upper
 96 100
 61 136.0 94.1 174.8
 68 0.0 0.1 0.1#

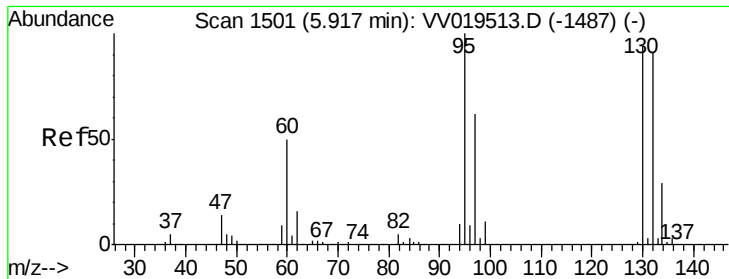


#27

1,2-Dichloroethane
 Concen: 0.690 ug/L
 RT: 5.05 min Scan# 1232
 Delta R.T. -0.08 min
 Lab File: VV019519.D
 Acq: 10 Dec 2020 19:04

Tgt Ion: 62 Resp: 5100
 Ion Ratio Lower Upper
 62 100
 98 8.7 7.4 11.0





#34

Trichloroethene

Concen: 1.316 ug/L

RT: 5.93 min Scan# 1505

Delta R.T. 0.01 min

Lab File: VV019519.D

Acq: 10 Dec 2020 19:04

Instrument :

MSVOA_V

ClientSampleId :

C0AP0

Tot Ion: 95 Resp: 6572

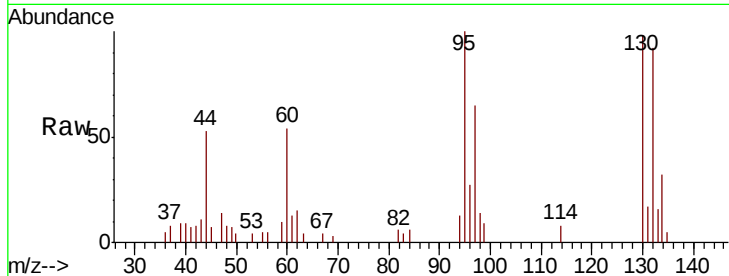
Ion Ratio Lower Upper

95 100

97 64.8 44.4 82.4

132 92.0 64.3 119.3

130 97.8 67.8 125.8

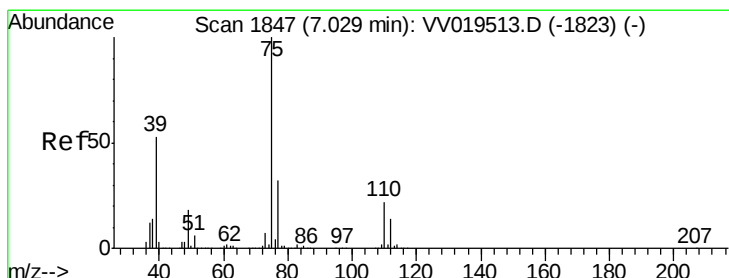
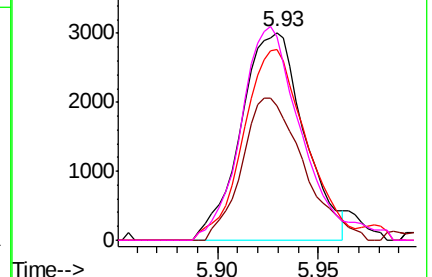
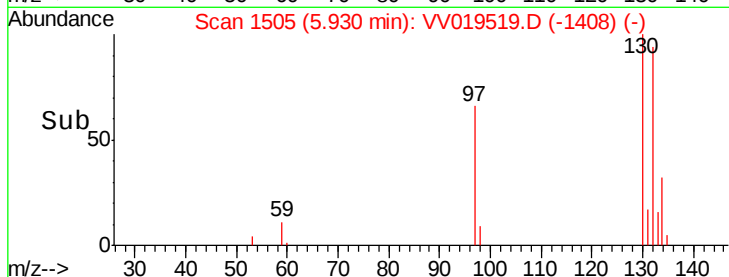


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#39

cis-1,3-Dichloropropene

Concen: 1.157 ug/L

RT: 6.99 min Scan# 1835

Delta R.T. -0.04 min

Lab File: VV019519.D

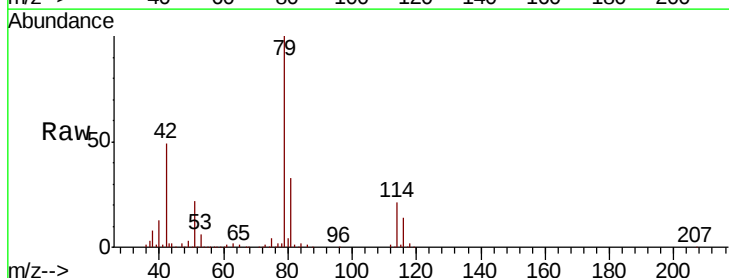
Acq: 10 Dec 2020 19:04

Tgt Ion: 75 Resp: 9485

Ion Ratio Lower Upper

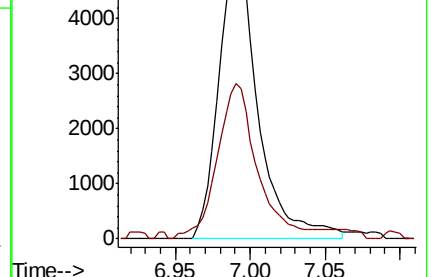
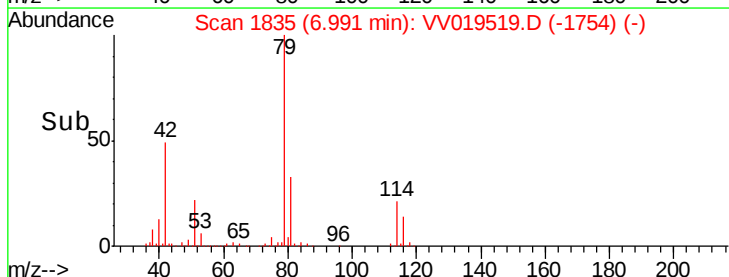
75 100

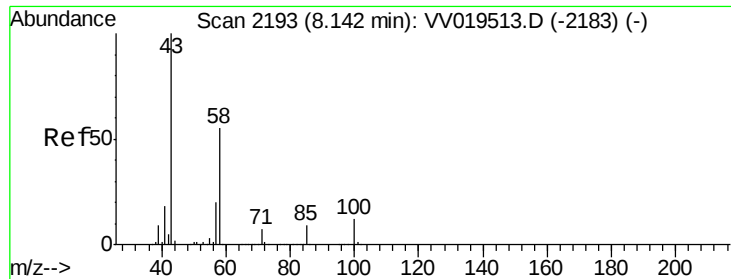
77 54.9 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

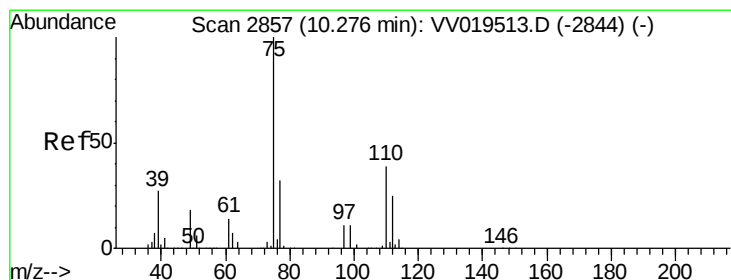
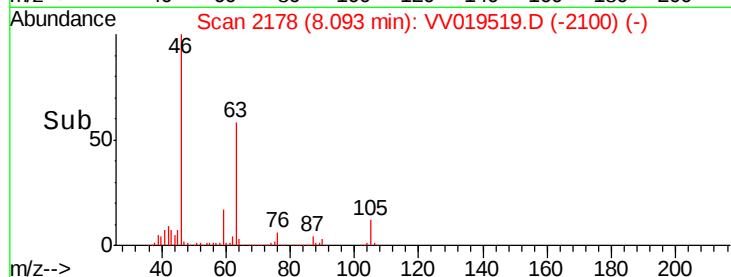
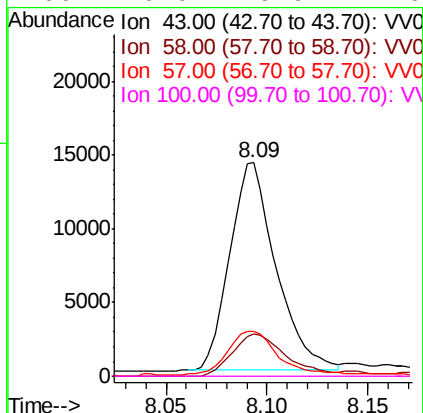
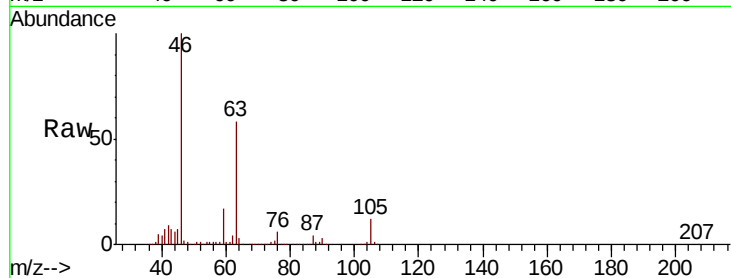




#48
2-Hexanone
Concen: 4.193 ug/L
RT: 8.09 min Scan# 2178
Delta R.T. -0.05 min
Lab File: VV019519.D
Acq: 10 Dec 2020 19:04

Instrument :
MSVOA_V
ClientSampleId :
C0AP0

Tot Ion: 43 Resp: 22663
Ion Ratio Lower Upper
43 100
58 23.5 44.4 66.6#
57 22.9 15.7 23.5
100 0.0 9.9 14.9#



#59
1,2,3-Trichloropropane
Concen: 6.619 ug/L
RT: 11.25 min Scan# 3161
Delta R.T. 0.98 min
Lab File: VV019519.D
Acq: 10 Dec 2020 19:04

Tgt Ion: 75 Resp: 40643
Ion Ratio Lower Upper
75 100
77 38.5 25.8 38.8

