

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100120\
 Data File : VV018613.D
 Acq On : 02 Oct 2020 01:07
 Operator : SY/MD
 Sample : L4237-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AD4

Quant Time: Oct 02 04:21:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 02 04:18:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	283137	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	277277	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	136172	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84717	51.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.04%
7) Chloroethane-d5	1.58	69	79218	57.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.40%
11) 1,1-Dichloroethene-d2	2.12	63	136854	40.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.90%
21) 2-Butanone-d5	3.92	46	112580	90.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.89%
24) Chloroform-d	4.38	84	166224	46.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.58%
26) 1,2-Dichloroethane-d4	5.06	65	112935	49.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.08%
32) Benzene-d6	5.08	84	324740	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.48%
36) 1,2-Dichloropropane-d6	6.09	67	100846	47.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.04%
41) Toluene-d8	7.34	98	294931	44.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.28%
43) trans-1,3-Dichloropropene-	7.64	79	48539	42.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.68%
47) 2-Hexanone-d5	8.11	63	62622	77.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.69%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	121105	43.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.10%
64) 1,2-Dichlorobenzene-d4	11.65	152	127457	48.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.34%

Target Compounds

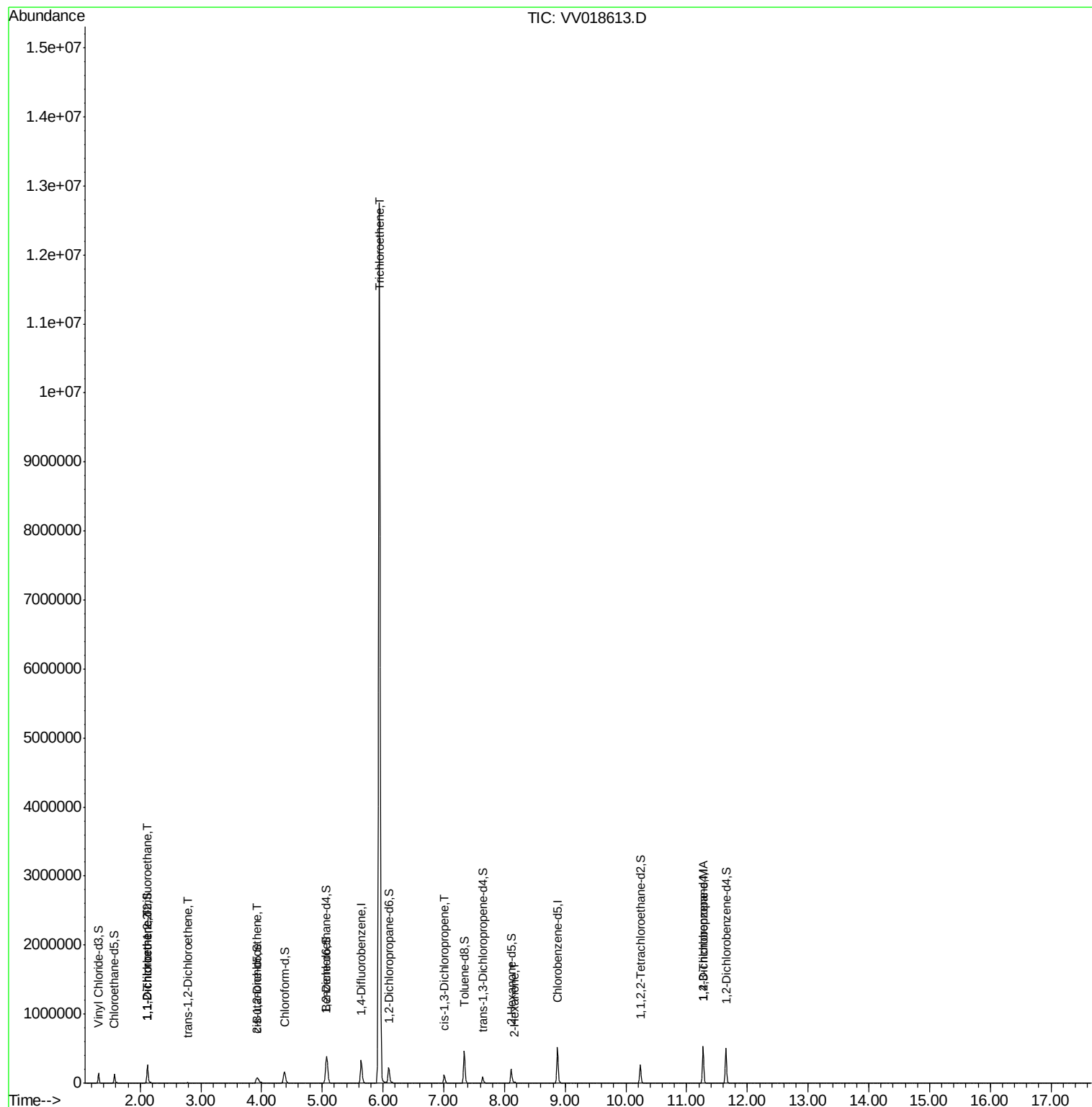
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1389	0.754 ug/L #	17
12) 1,1-Dichloroethene	2.12	96	1513	0.856 ug/L #	1
17) trans-1,2-Dichloroethene	2.78	96	2399	1.186 ug/L	92
20) cis-1,2-Dichloroethene	3.94	96	11143	5.184 ug/L	90
34) Trichloroethene	5.94	95	4305587	1820.603 ug/L	97
39) cis-1,3-Dichloropropene	7.01	75	3429	1.046 ug/L #	66
48) 2-Hexanone	8.16	43	6511	3.094 ug/L #	87
59) 1,2,3-Trichloropropane	11.27	75	14969	5.888 ug/L #	85

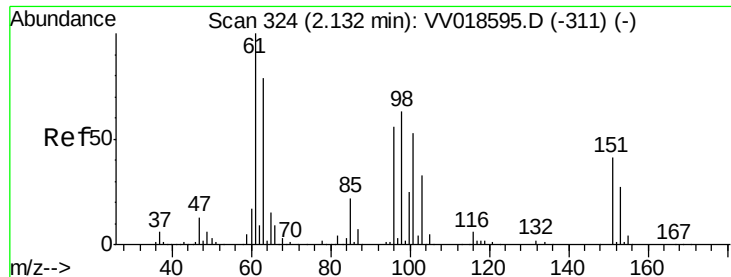
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Oct 02 04:18:06 2020
Response via : Initial Calibration





#10

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

Concen: 0.754 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018613.D

Acq: 02 Oct 2020 01:07

Instrument :

MSVOA_V

ClientSampleId :

E0AD4

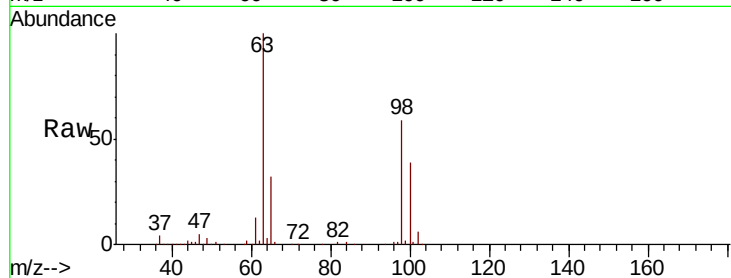
Tot Ion:101 Resp: 1389

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

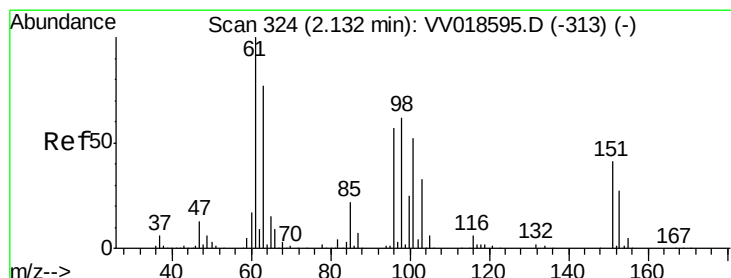
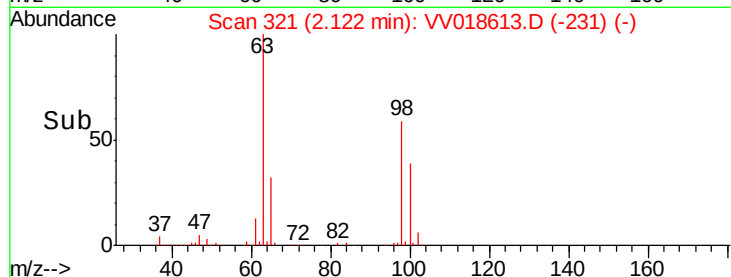
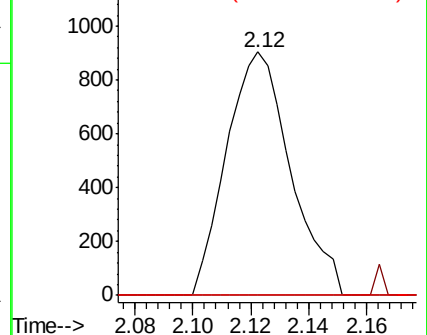
151 0.0 64.3 96.5#



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: 0.856 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018613.D

Acq: 02 Oct 2020 01:07

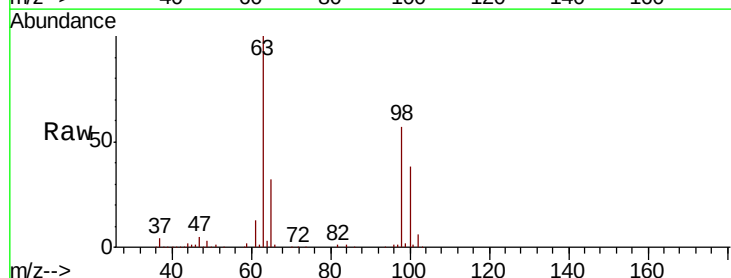
Tgt Ion: 96 Resp: 1513

Ion Ratio Lower Upper

96 100

61 1418.9 122.8 228.1#

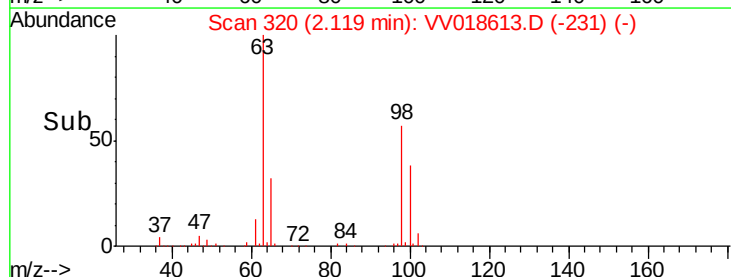
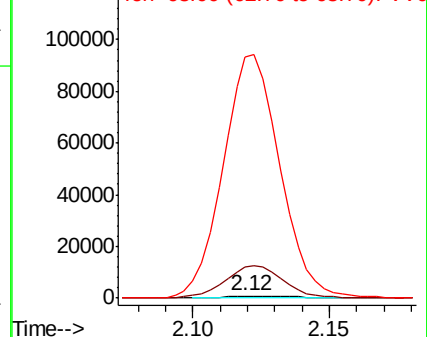
63 11197.1 91.9 170.7#

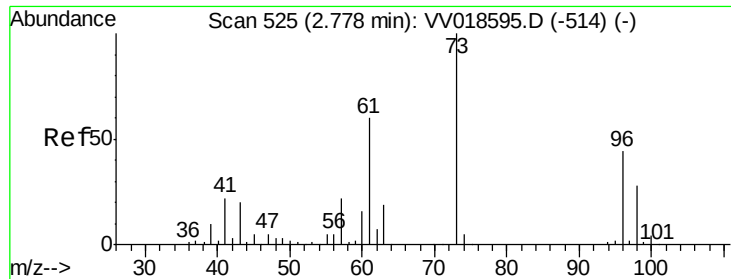


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

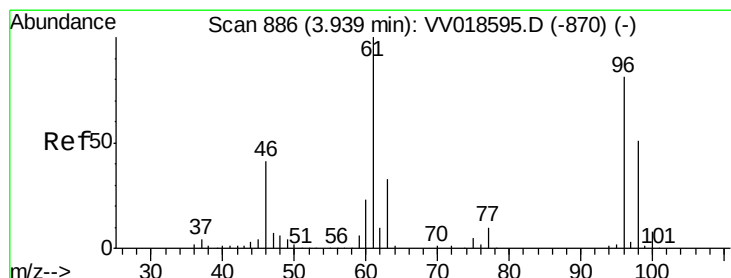
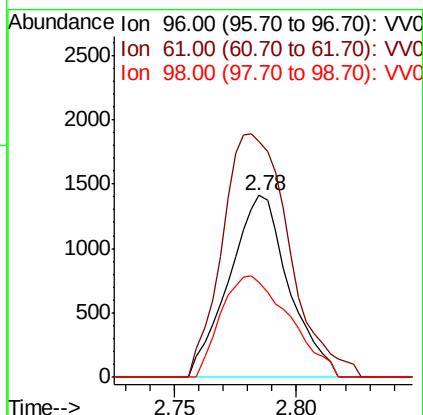
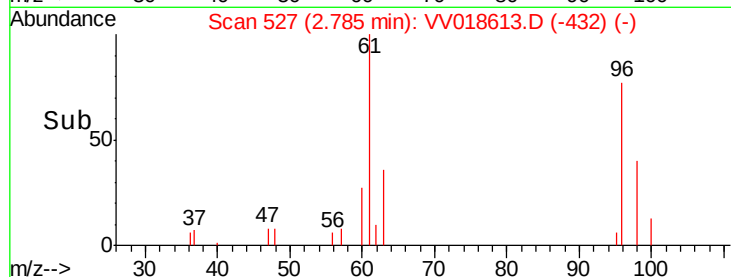
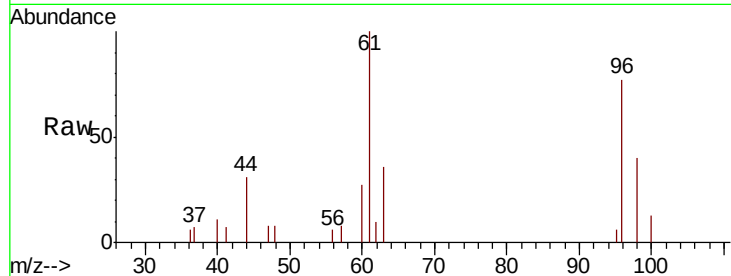




#17
trans-1,2-Dichloroethene
Concen: 1.186 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.01 min
Lab File: VV018613.D
Acq: 02 Oct 2020 01:07

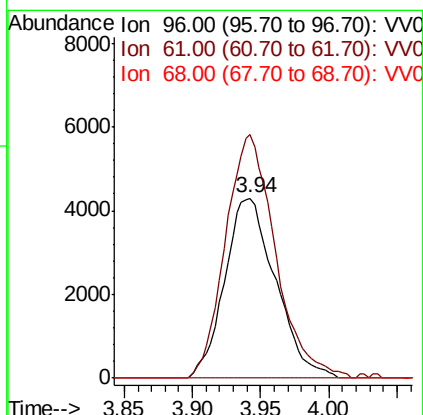
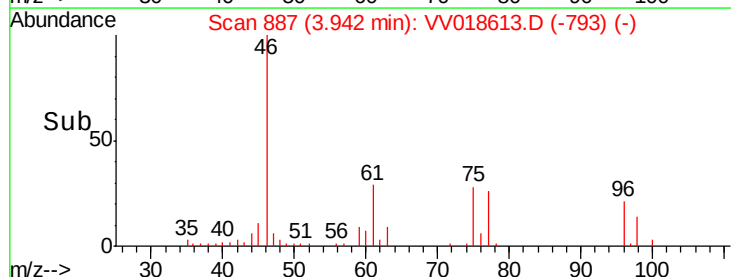
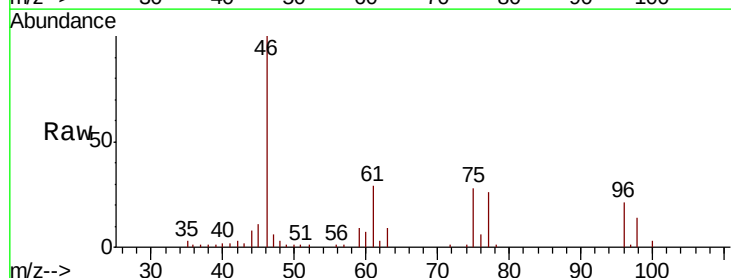
Instrument :
MSVOA_V
ClientSampleId :
E0AD4

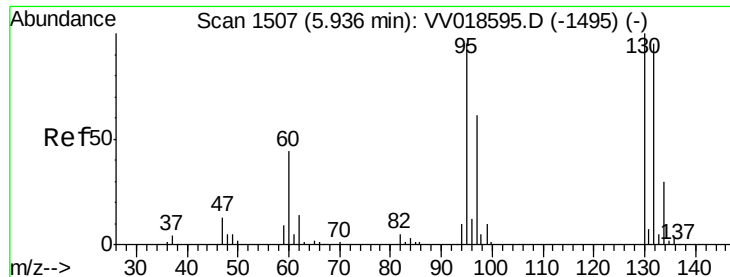
Tot Ion: 96 Resp: 2399
Ion Ratio Lower Upper
96 100
61 129.8 95.0 176.4
98 52.5 44.6 82.8



#20
cis-1,2-Dichloroethene
Concen: 5.184 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.00 min
Lab File: VV018613.D
Acq: 02 Oct 2020 01:07

Tgt Ion: 96 Resp: 11143
Ion Ratio Lower Upper
96 100
61 135.4 86.8 161.2
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 1820.603 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018613.D

Acq: 02 Oct 2020 01:07

Instrument :

MSVOA_V

ClientSampleId :

E0AD4

Tot Ion: 95 Resp: 4305587

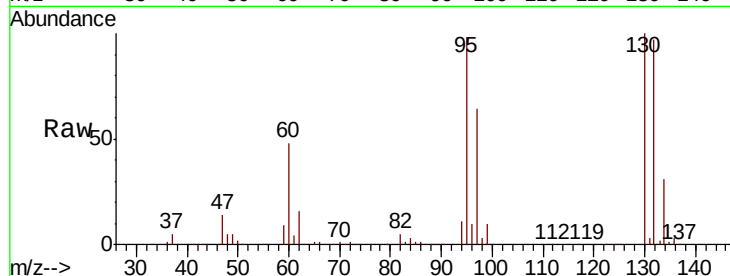
Ion Ratio Lower Upper

95 100

97 65.2 45.9 85.3

132 98.6 70.8 131.4

130 102.1 75.3 139.8

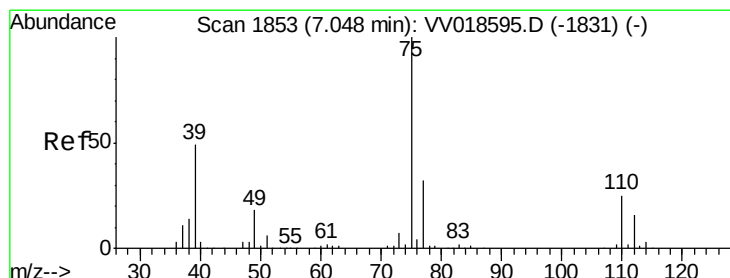
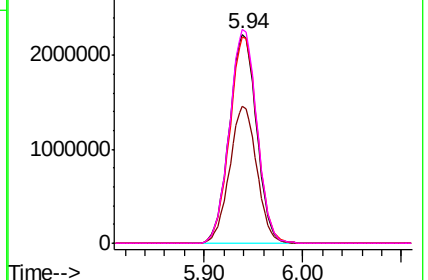
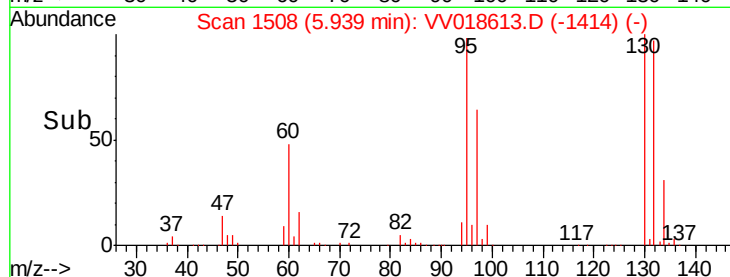


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 1.046 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV018613.D

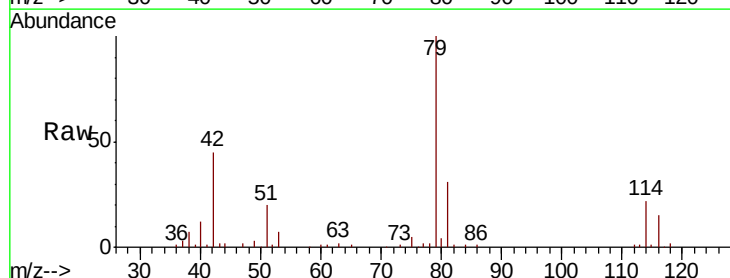
Acq: 02 Oct 2020 01:07

Tgt Ion: 75 Resp: 3429

Ion Ratio Lower Upper

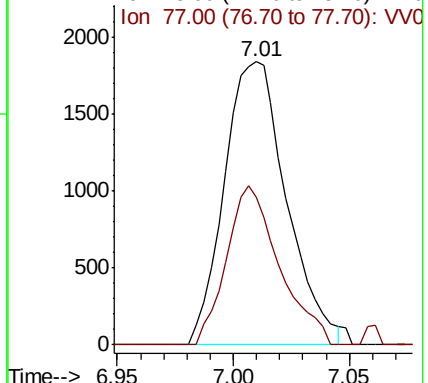
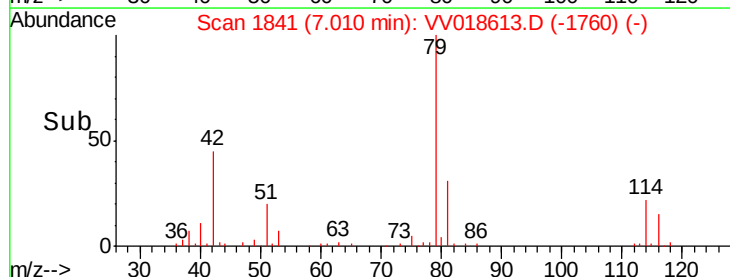
75 100

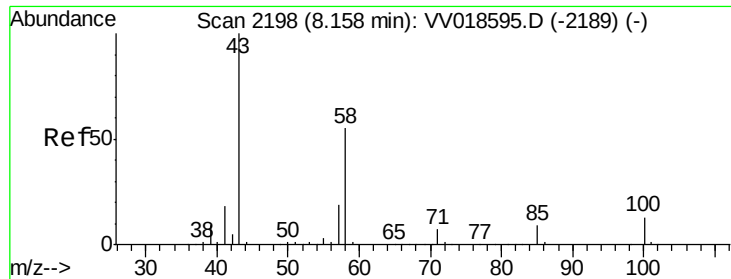
77 52.1 23.0 42.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

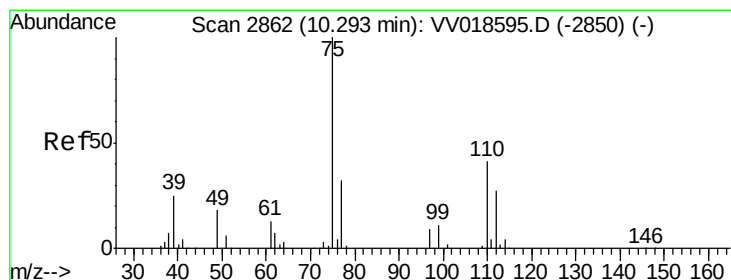
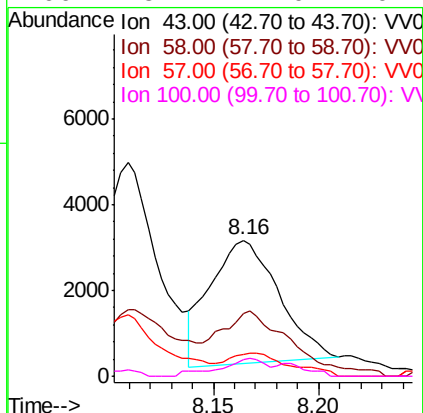
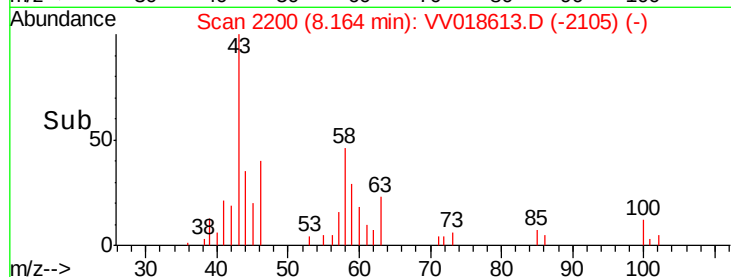
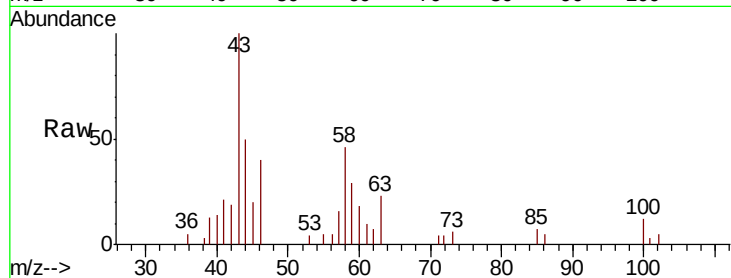




#48
2-Hexanone
Concen: 3.094 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV018613.D
Acq: 02 Oct 2020 01:07

Instrument :
MSVOA_V
ClientSampled :
E0AD4

Tot Ion: 43 Resp: 6511
Ion Ratio Lower Upper
43 100
58 46.6 45.1 67.7
57 16.7 15.7 23.5
100 5.7 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 5.888 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018613.D
Acq: 02 Oct 2020 01:07

Tgt Ion: 75 Resp: 14969
Ion Ratio Lower Upper
75 100
77 39.9 25.4 38.0#

