

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100320\
 Data File : VV018665.D
 Acq On : 03 Oct 2020 19:18
 Operator : SY/MD
 Sample : L4254-02 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Q6DL

Quant Time: Oct 05 04:58:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 05 04:50:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	308099	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	307276	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	147517	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76537	42.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.72%
7) Chloroethane-d5	1.58	69	68995	46.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.36%
11) 1,1-Dichloroethene-d2	2.12	63	126790	34.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.88%
21) 2-Butanone-d5	3.91	46	107326	79.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.63%
24) Chloroform-d	4.38	84	162957	41.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.42%
26) 1,2-Dichloroethane-d4	5.06	65	113015	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.12%
32) Benzene-d6	5.07	84	314886	40.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.92%
36) 1,2-Dichloropropane-d6	6.09	67	97277	41.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.72%
41) Toluene-d8	7.34	98	282889	38.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.26%#
43) trans-1,3-Dichloropropene-	7.64	79	47531	37.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.82%
47) 2-Hexanone-d5	8.11	63	60530	67.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	67.76%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	113513	36.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	72.82%
64) 1,2-Dichlorobenzene-d4	11.65	152	128370	45.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.50%

Target Compounds

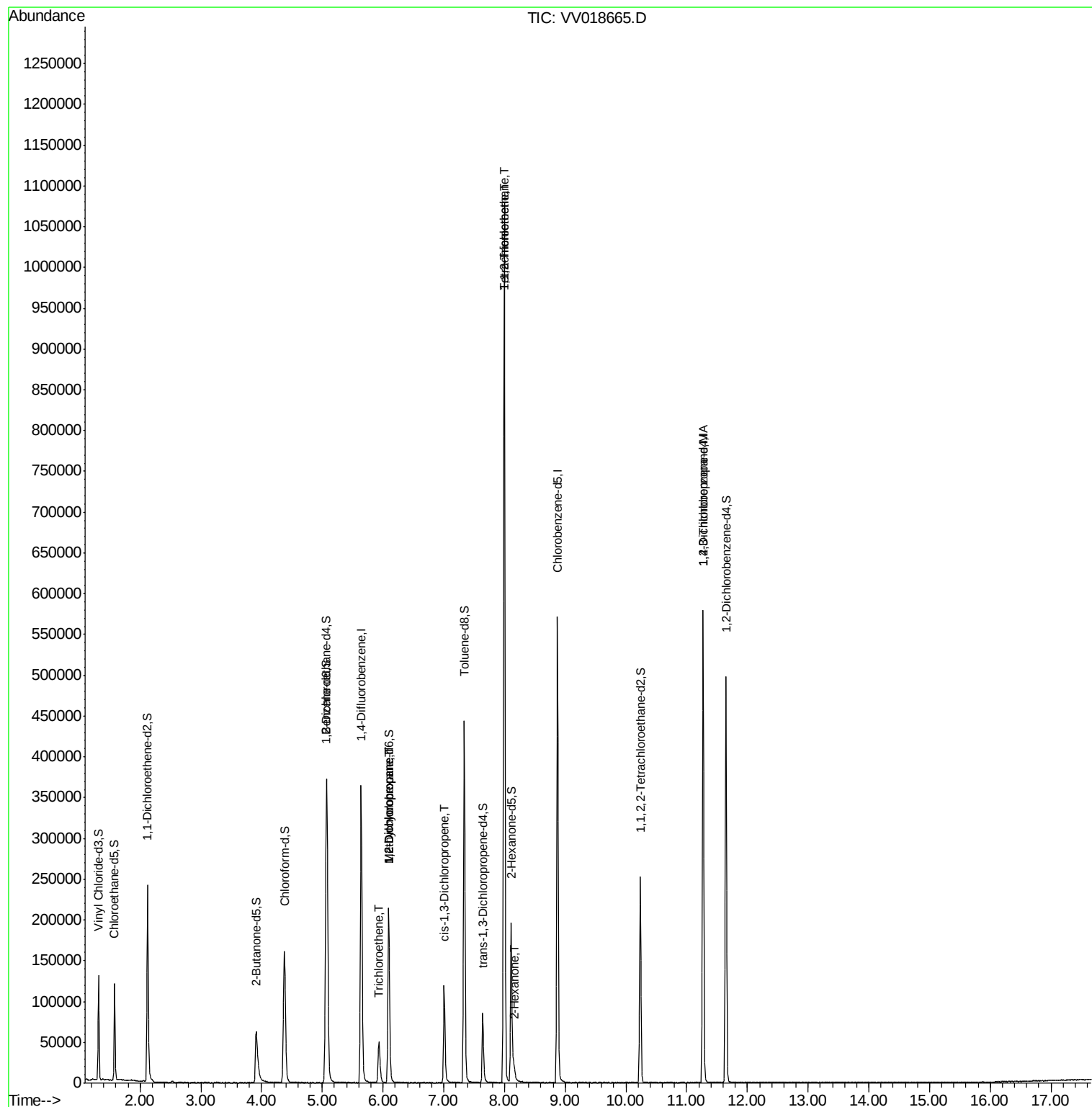
					Ovalue
34) Trichloroethene	5.94	95	8931	3.408 ug/L	96
35) Methylcyclohexane	6.09	83	25349	7.170 ug/L #	19
37) 1,2-Dichloropropane	6.09	63	11700	5.052 ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	3419	0.941 ug/L #	71
45) 1,1,2-Trichloroethane	7.99	97	2303	1.004 ug/L #	25
46) Tetrachloroethene	8.00	164	241860	113.753 ug/L	98
48) 2-Hexanone	8.16	43	9654	4.140 ug/L #	74
59) 1,2,3-Trichloropropane	11.27	75	16726	5.937 ug/L #	88

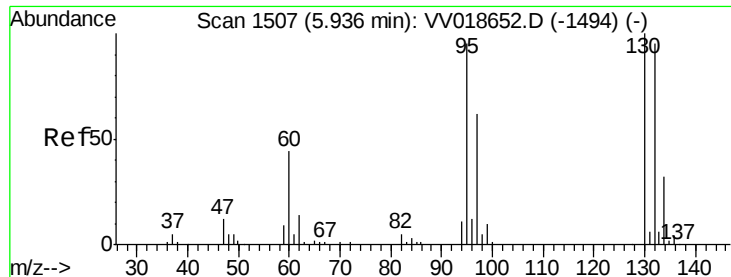
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Oct 05 04:50:26 2020
Response via : Initial Calibration





#34

Trichloroethene

Concen: 3.408 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018665.D

Acq: 03 Oct 2020 19:18

Instrument :

MSVOA_V

ClientSampleId :

BG3Q6DL

Tot Ion: 95 Resp: 8931

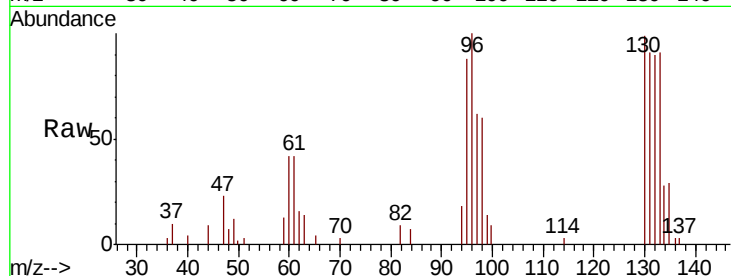
Ion Ratio Lower Upper

95 100

97 70.7 45.9 85.3

132 101.6 70.8 131.4

130 112.7 75.3 139.8

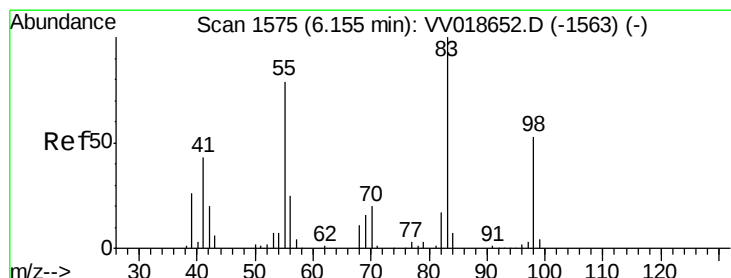
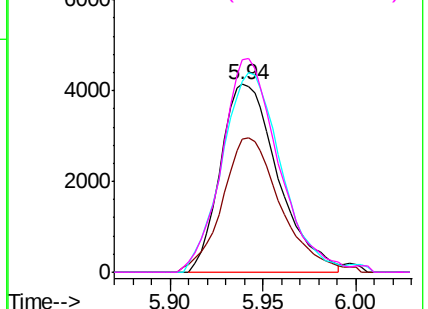
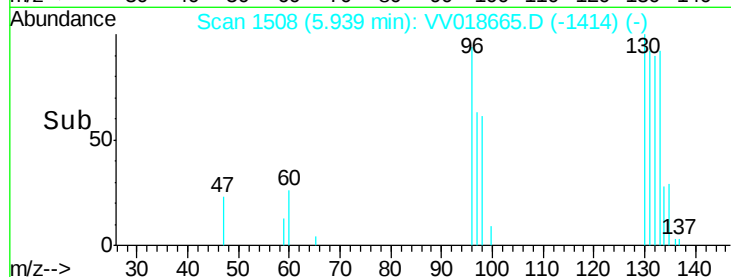


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#35

Methylcyclohexane

Concen: 7.170 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018665.D

Acq: 03 Oct 2020 19:18

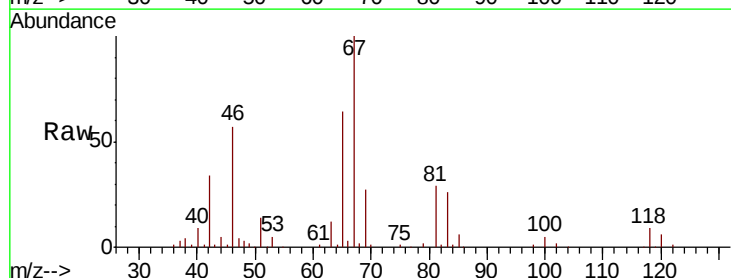
Tgt Ion: 83 Resp: 25349

Ion Ratio Lower Upper

83 100

55 0.3 60.1 90.1#

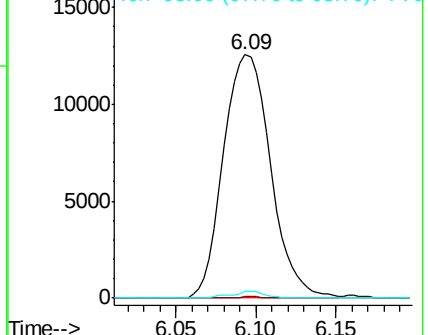
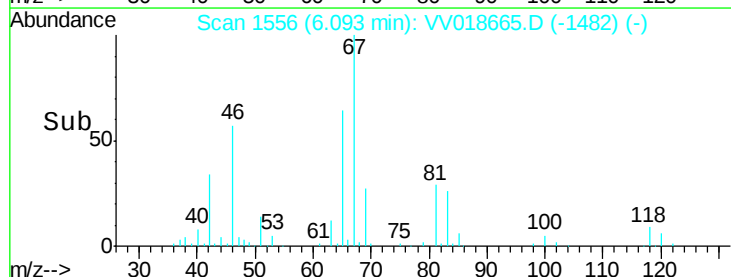
98 1.5 40.2 60.4#

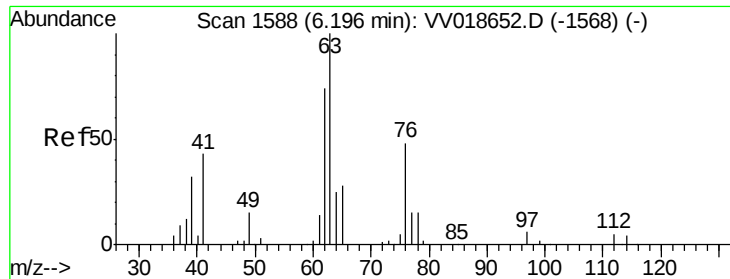


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

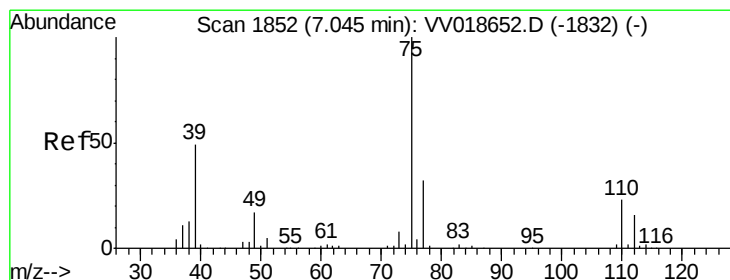
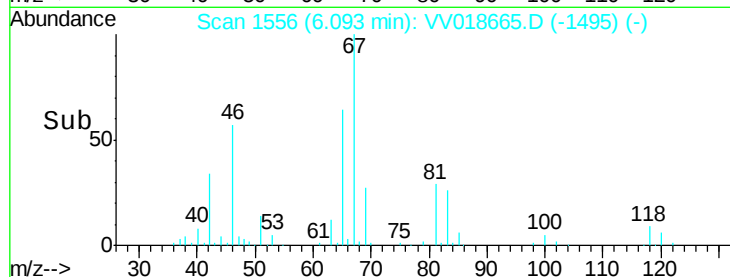
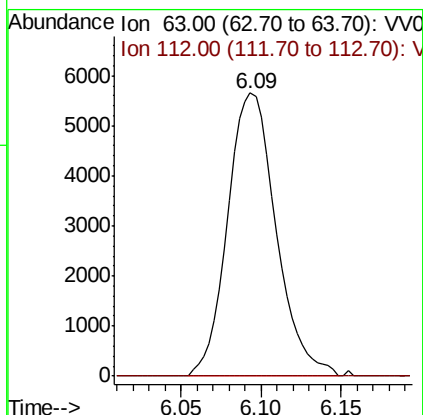
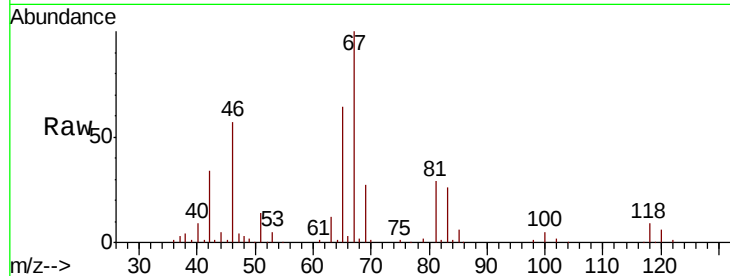




#37
 1,2-Dichloropropane
 Concen: 5.052 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018665.D
 Acq: 03 Oct 2020 19:18

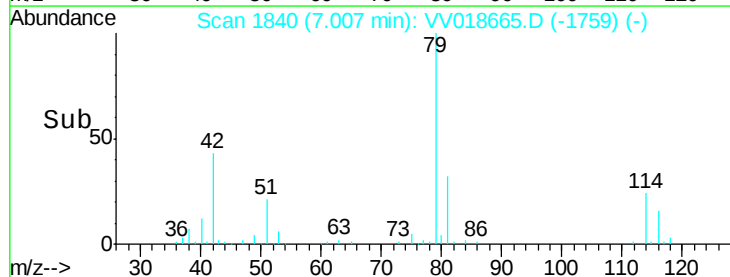
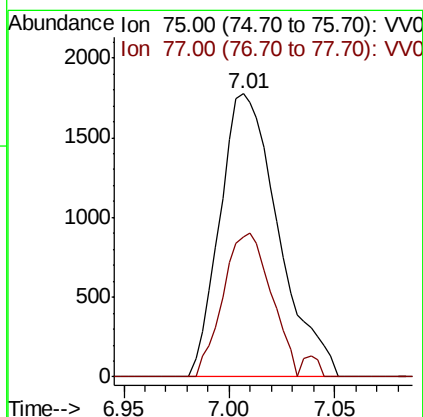
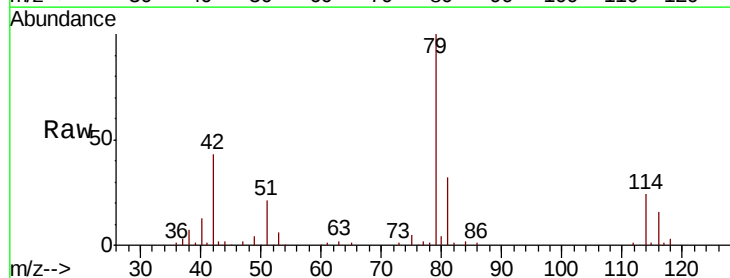
Instrument :
 MSVOA_V
 ClientSampled :
 BG3Q6DL

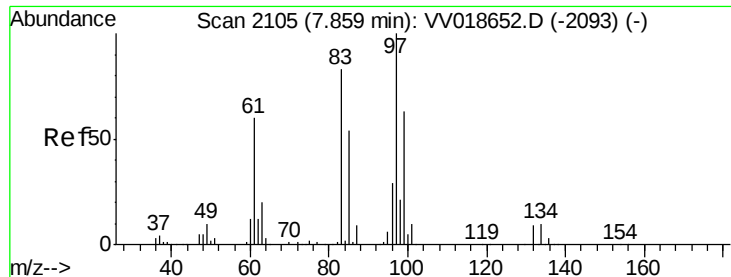
Tot Ion: 63 Resp: 11700
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.941 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018665.D
 Acq: 03 Oct 2020 19:18

Tgt Ion: 75 Resp: 3419
 Ion Ratio Lower Upper
 75 100
 77 49.3 23.0 42.6#

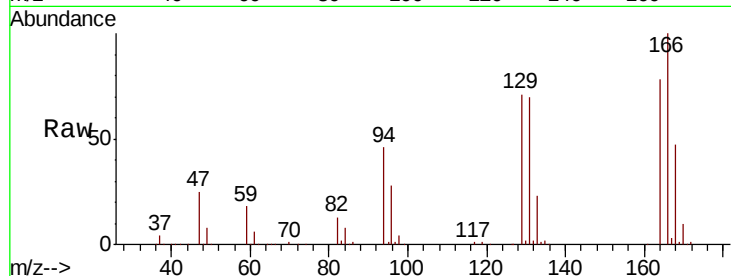




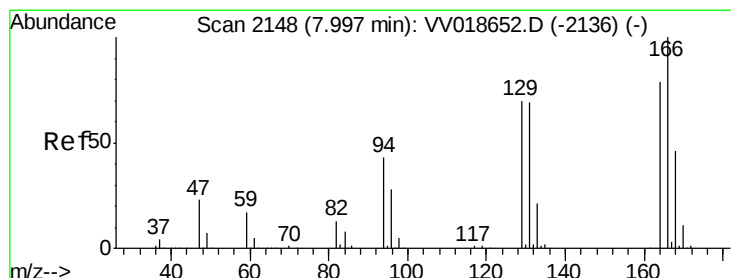
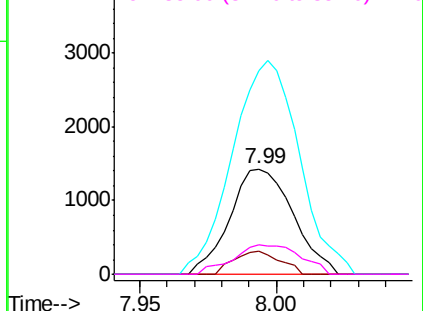
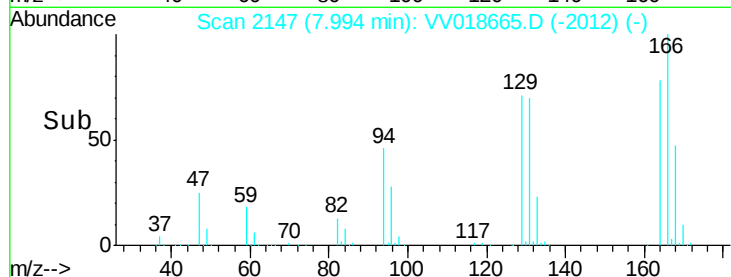
#45
 1,1,2-Trichloroethane
 Concen: 1.004 ug/L
 RT: 7.99 min Scan# 2147
 Delta R.T. 0.14 min
 Lab File: VV018665.D
 Acq: 03 Oct 2020 19:18

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Q6DL

Tot Ion: 97 Resp: 2303
 Ion Ratio Lower Upper
 97 100
 99 21.5 43.3 80.3#
 83 193.3 60.5 112.5#
 85 27.8 38.3 71.1#

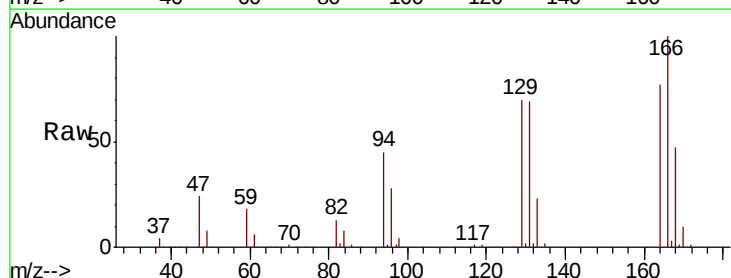


Abundance Ion 97.00 (96.70 to 97.70): VV018665.D (-2093) (-)
 Ion 99.00 (98.70 to 99.70): VV018665.D (-2093) (-)
 Ion 83.00 (82.70 to 83.70): VV018665.D (-2093) (-)
 Ion 85.00 (84.70 to 85.70): VV018665.D (-2093) (-)

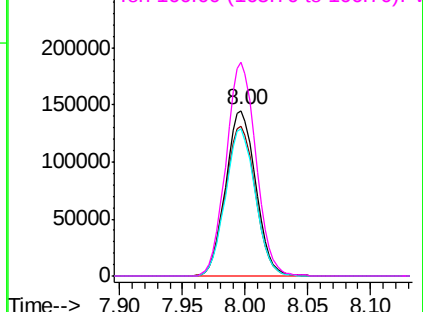
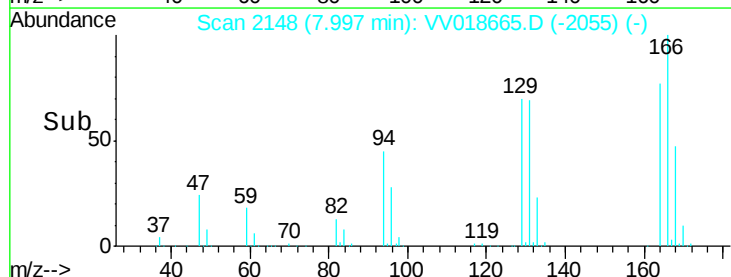


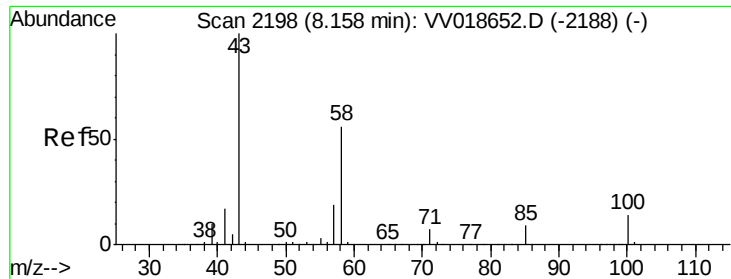
#46
 Tetrachloroethene
 Concen: 113.753 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: VV018665.D
 Acq: 03 Oct 2020 19:18

Tgt Ion: 164 Resp: 241860
 Ion Ratio Lower Upper
 164 100
 129 90.7 62.8 116.6
 131 88.7 60.8 112.8
 166 129.2 88.9 165.1



Abundance Ion 164.00 (163.70 to 164.70): VV018665.D (-2055) (-)
 Ion 129.00 (128.70 to 129.70): VV018665.D (-2055) (-)
 Ion 131.00 (130.70 to 131.70): VV018665.D (-2055) (-)
 Ion 166.00 (165.70 to 166.70): VV018665.D (-2055) (-)

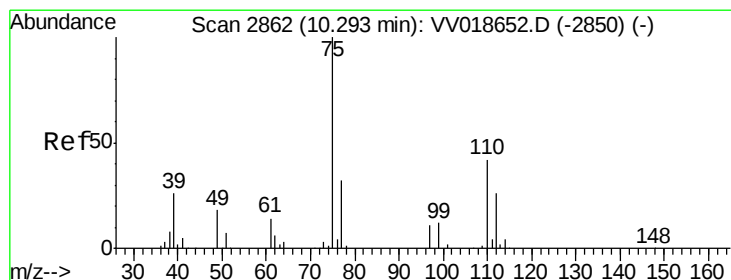
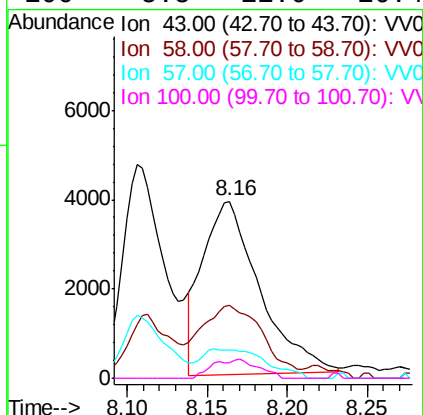
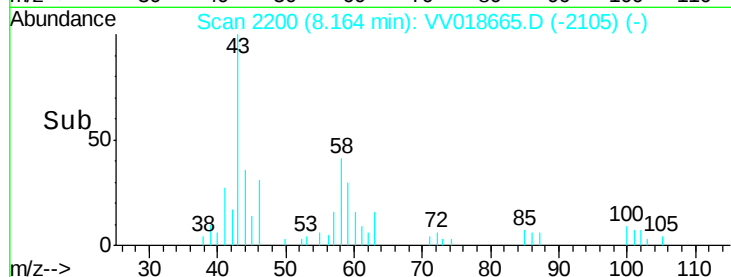
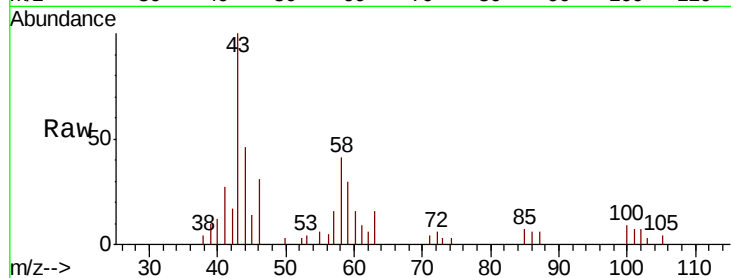




#48
2-Hexanone
Concen: 4.140 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV018665.D
Acq: 03 Oct 2020 19:18

Instrument :
MSVOA_V
ClientSampleId :
BG3Q6DL

Tot Ion: 43 Resp: 9654
Ion Ratio Lower Upper
43 100
58 41.2 45.1 67.7#
57 0.0 15.7 23.5#
100 5.5 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 5.937 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018665.D
Acq: 03 Oct 2020 19:18

Tgt Ion: 75 Resp: 16726
Ion Ratio Lower Upper
75 100
77 38.5 25.4 38.0#

