

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010721\
 Data File : VV019928.D
 Acq On : 07 Jan 2021 17:48
 Operator : SY/MD
 Sample : M1017-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4X0

Quant Time: Jan 08 01:34:12 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 01:32:18 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	537273	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	514904	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	237167	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	120356	28.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	57.90%#
7) Chloroethane-d5	1.57	69	118742	35.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.86%
11) 1,1-Dichloroethene-d2	2.11	63	202261	25.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.48%#
21) 2-Butanone-d5	3.89	46	298397	96.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.83%
24) Chloroform-d	4.35	84	302403	38.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.00%
26) 1,2-Dichloroethane-d4	5.04	65	214787	41.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.66%
32) Benzene-d6	5.05	84	542840	36.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.22%
36) 1,2-Dichloropropane-d6	6.07	67	192816	39.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.10%
41) Toluene-d8	7.32	98	448905	34.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	68.04%#
43) trans-1,3-Dichloropropene-	7.63	79	74772	30.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.70%
47) 2-Hexanone-d5	8.09	63	166921	82.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.84%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	268430	42.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.66%
64) 1,2-Dichlorobenzene-d4	11.63	152	194029	42.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.54%

Target Compounds

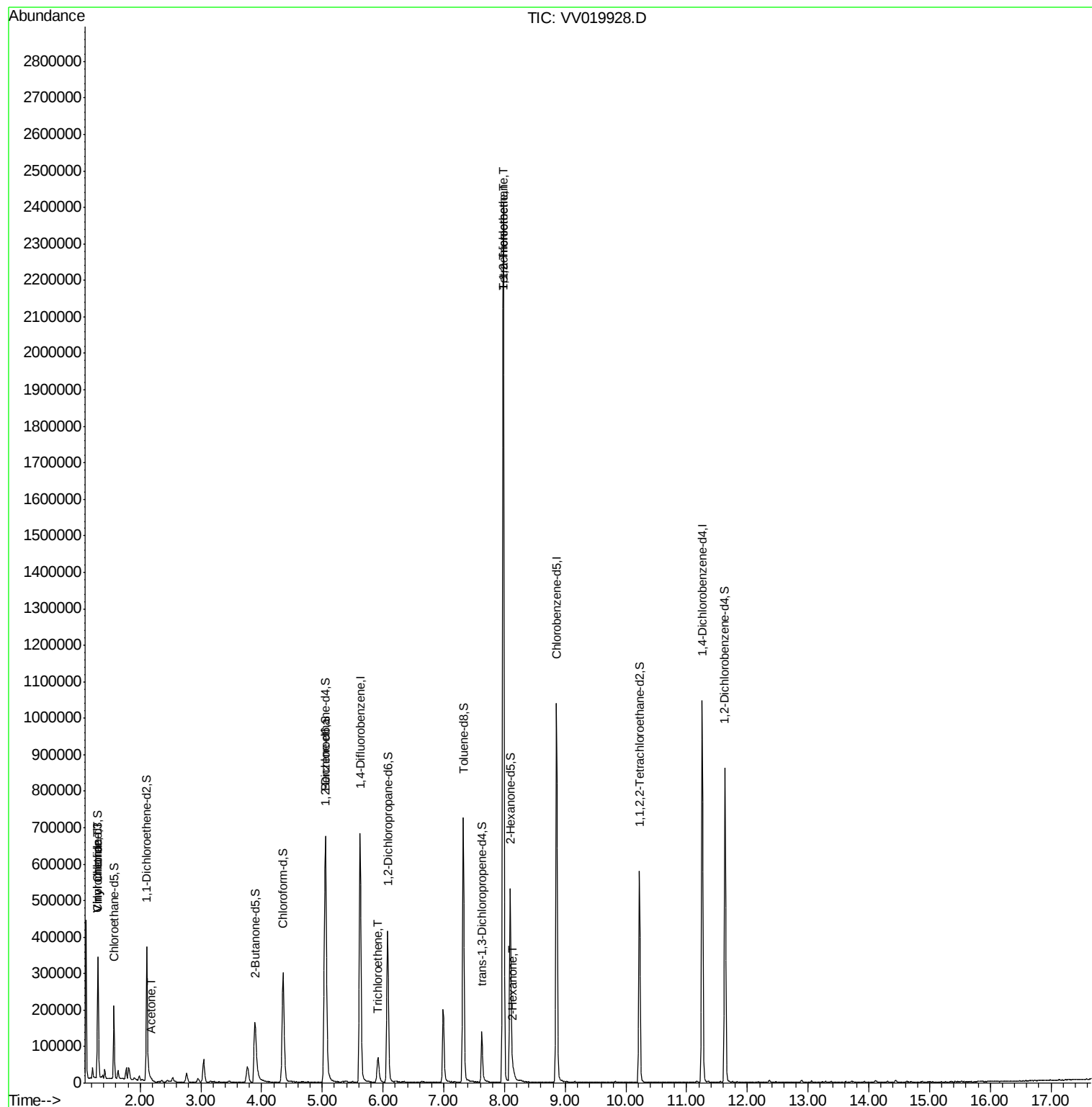
					Ovalue
3) Chloromethane	1.30	50	5086	0.996	ug/L 90
5) Vinyl chloride	1.31	62	15094	3.025	ug/L 91
13) Acetone	2.18	43	7594	3.183	ug/L 96
34) Trichloroethene	5.92	95	15190	3.535	ug/L 95
45) 1,1,2-Trichloroethane	7.98	97	4950	1.241	ug/L # 5
46) Tetrachloroethene	7.98	164	469133	163.504	ug/L 97
48) 2-Hexanone	8.15	43	12922	2.567	ug/L # 78

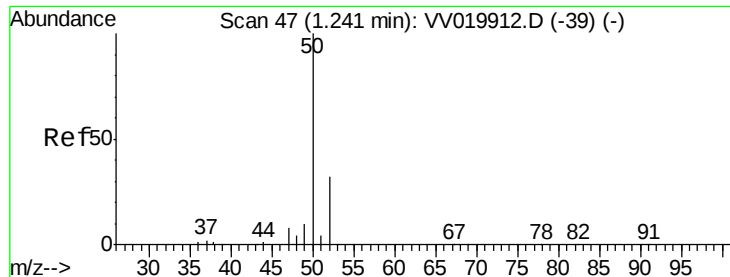
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jan 08 01:32:18 2021
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.996 ug/L

RT: 1.30 min Scan# 64

Delta R.T. 0.05 min

Lab File: VV019928.D

Acq: 07 Jan 2021 17:48

Instrument :

MSVOA_V

ClientSampleId :

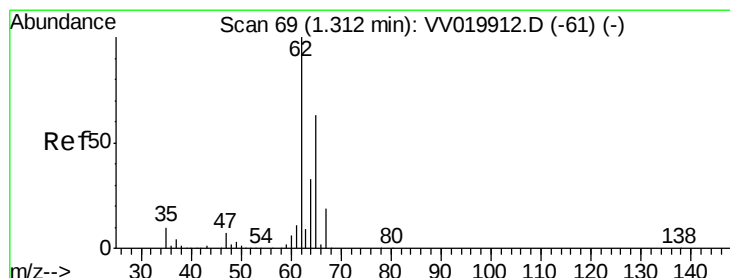
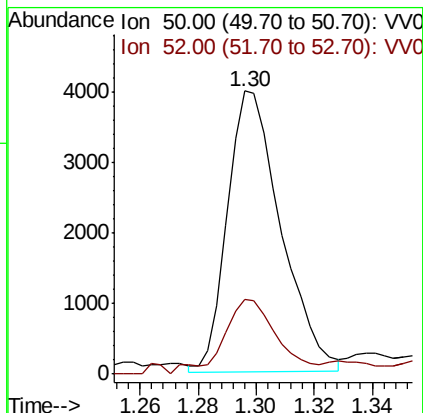
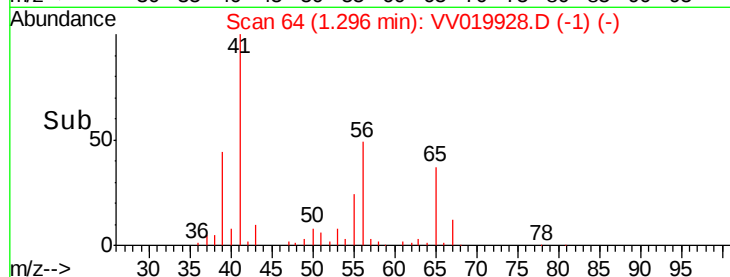
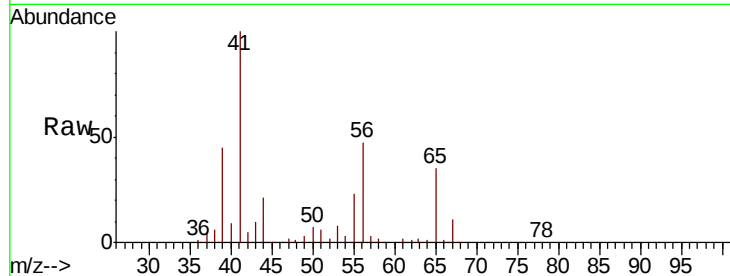
BG4X0

Tot Ion: 50 Resp: 5086

Ion Ratio Lower Upper

50 100

52 26.6 22.7 42.1



#5

Vinyl chloride

Concen: 3.025 ug/L

RT: 1.31 min Scan# 69

Delta R.T. -0.00 min

Lab File: VV019928.D

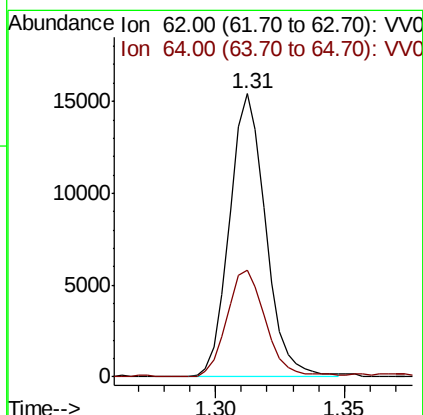
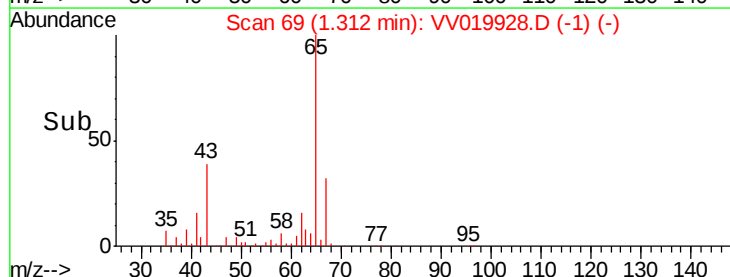
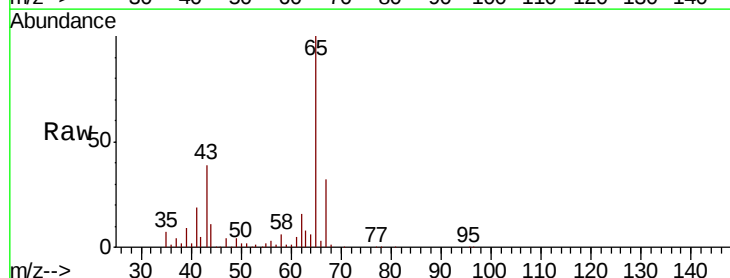
Acq: 07 Jan 2021 17:48

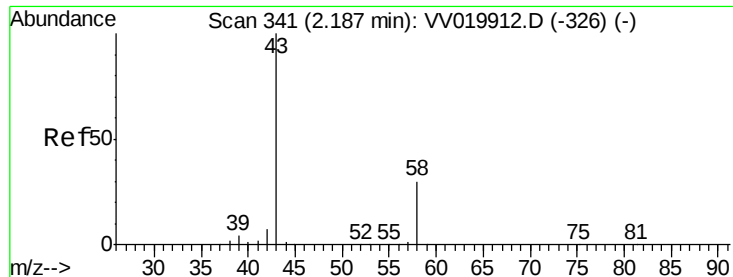
Tgt Ion: 62 Resp: 15094

Ion Ratio Lower Upper

62 100

64 37.8 23.0 42.6





#13

Acetone

Concen: 3.183 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV019928.D

Acq: 07 Jan 2021 17:48

Instrument :

MSVOA_V

ClientSampleId :

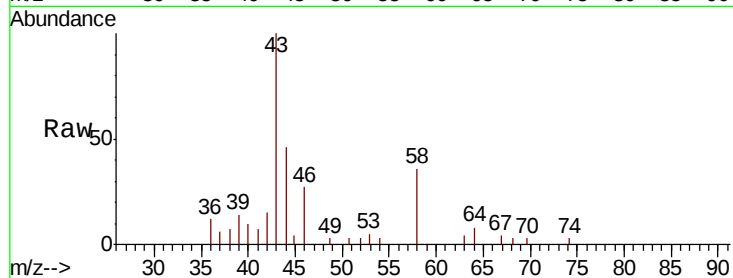
BG4X0

Tot Ion: 43 Resp: 7594

Ion Ratio Lower Upper

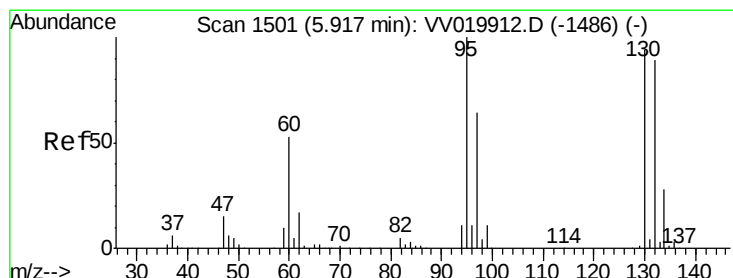
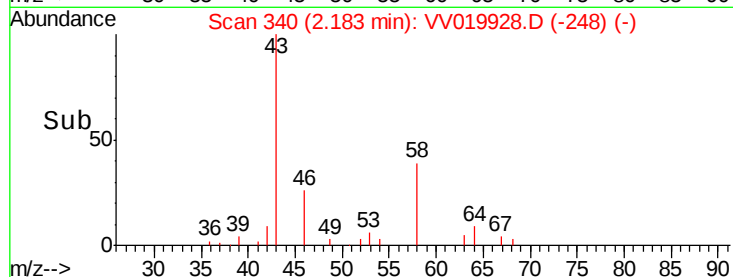
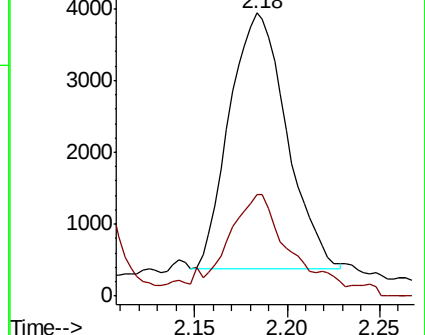
43 100

58 27.7 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VV019912.D (-326) (-)

Ion 58.00 (57.70 to 58.70): VV019912.D (-326) (-)



#34

Trichloroethene

Concen: 3.535 ug/L

RT: 5.92 min Scan# 1503

Delta R.T. 0.01 min

Lab File: VV019928.D

Acq: 07 Jan 2021 17:48

Tgt Ion: 95 Resp: 15190

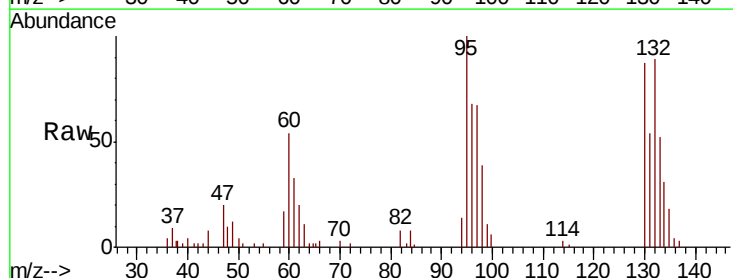
Ion Ratio Lower Upper

95 100

97 67.4 44.5 82.7

132 89.3 63.4 117.8

130 87.0 67.1 124.5

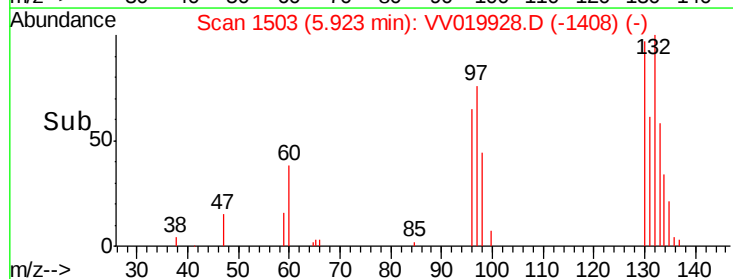
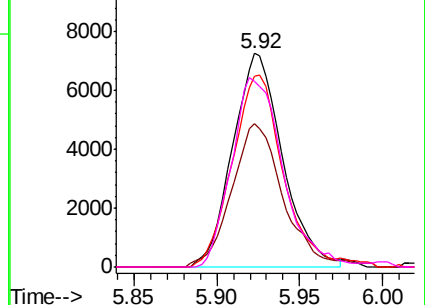


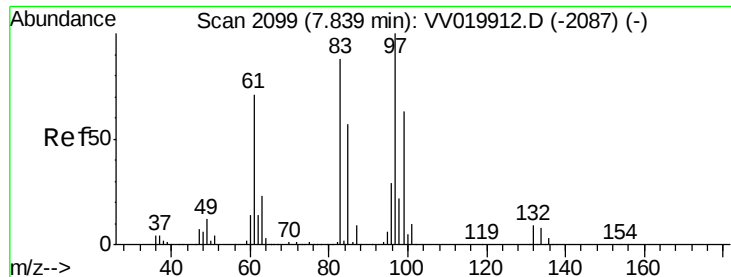
Abundance Ion 95.00 (94.70 to 95.70): VV019912.D (-1486) (-)

Ion 97.00 (96.70 to 97.70): VV019912.D (-1486) (-)

Ion 132.00 (131.70 to 132.70): VV019912.D (-1486) (-)

Ion 130.00 (129.70 to 130.70): VV019912.D (-1486) (-)

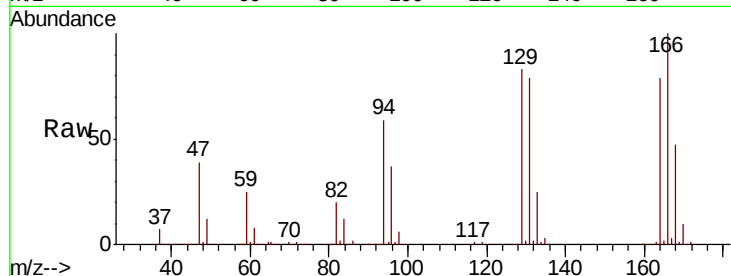




#45
1,1,2-Trichloroethane
Concen: 1.241 ug/L
RT: 7.98 min Scan# 2142
Delta R.T. 0.14 min
Lab File: VV019928.D
Acq: 07 Jan 2021 17:48

Instrument :
MSVOA_V
ClientSampleId :
BG4X0

Tot Ion:	97	Resp:	4950
Ion	Ratio	Lower	Upper
97	100		
99	11.9	43.8	81.3#
83	241.5	62.2	115.4#
85	40.9	39.0	72.4



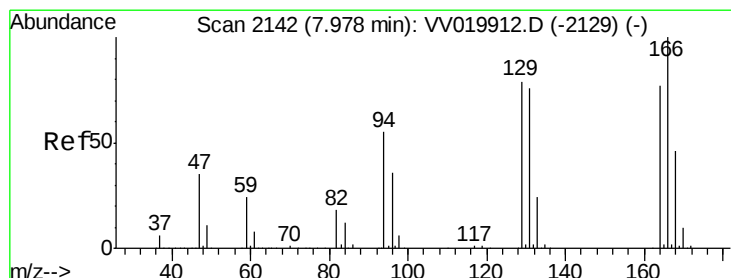
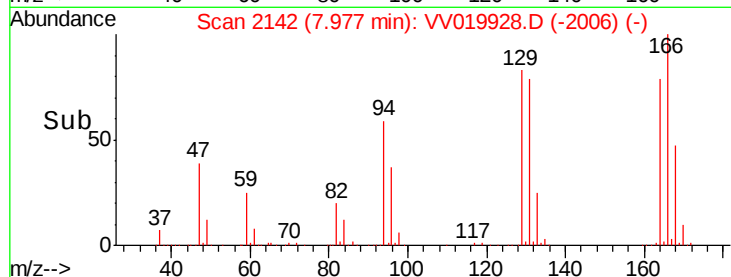
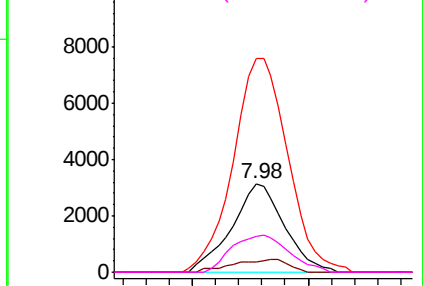
Abundance

Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

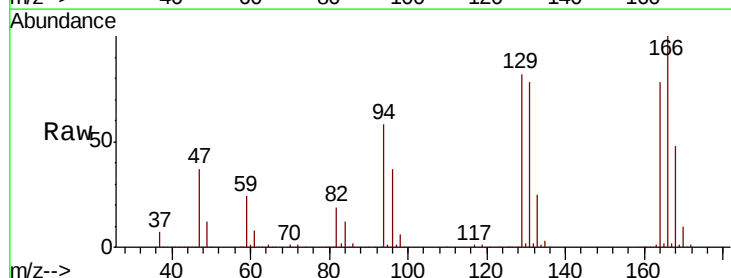
Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



#46
Tetrachloroethene
Concen: 163.504 ug/L
RT: 7.98 min Scan# 2143
Delta R.T. 0.00 min
Lab File: VV019928.D
Acq: 07 Jan 2021 17:48

Tgt Ion:	164	Resp:	469133
Ion	Ratio	Lower	Upper
164	100		
129	104.3	70.6	131.0
131	100.0	66.8	124.0
166	127.7	88.2	163.8



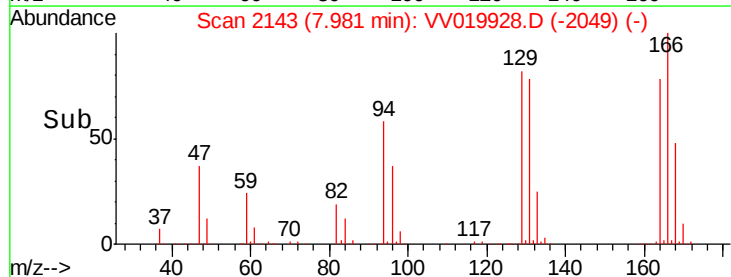
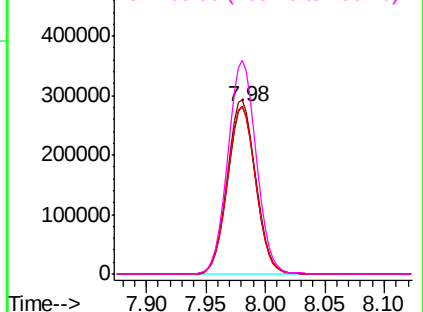
Abundance

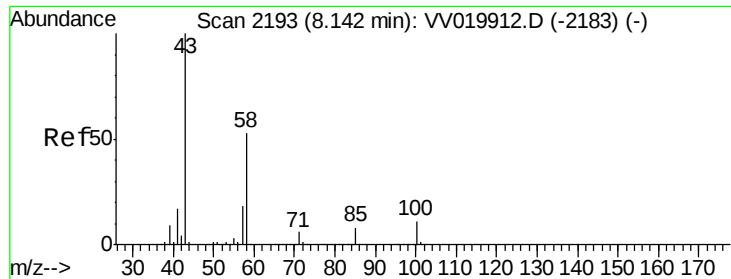
Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#48

2-Hexanone

Concen: 2.567 ug/L

RT: 8.15 min Scan# 2195

Delta R.T. 0.01 min

Lab File: VV019928.D

Acq: 07 Jan 2021 17:48

Instrument :

MSVOA_V

ClientSampleId :

BG4X0

Tot Ion: 43 Resp: 12922

Ion Ratio Lower Upper

43 100

58 33.3 41.8 62.6#

57 13.2 15.0 22.4#

100 6.3 8.9 13.3#

