

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010821\
 Data File : VV019951.D
 Acq On : 08 Jan 2021 16:47
 Operator : SY/MD
 Sample : M1064-01 2X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4X2

Quant Time: Jan 08 22:52:55 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 22:51:06 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	431885	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	417782	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	198568	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	85516	25.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	51.18%#
7) Chloroethane-d5	1.57	69	89833	33.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	67.64%#
11) 1,1-Dichloroethene-d2	2.11	63	152014	24.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.12%#
21) 2-Butanone-d5	3.88	46	234062	94.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.49%
24) Chloroform-d	4.35	84	233286	36.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.88%
26) 1,2-Dichloroethane-d4	5.04	65	168378	40.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.58%
32) Benzene-d6	5.05	84	405065	33.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.34%#
36) 1,2-Dichloropropane-d6	6.08	67	147412	37.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	74.52%
41) Toluene-d8	7.32	98	334811	31.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	62.54%#
43) trans-1,3-Dichloropropene-	7.63	79	58424	29.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.42%#
47) 2-Hexanone-d5	8.09	63	125025	76.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.47%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	212285	41.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.52%
64) 1,2-Dichlorobenzene-d4	11.63	152	151874	39.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.98%#

Target Compounds

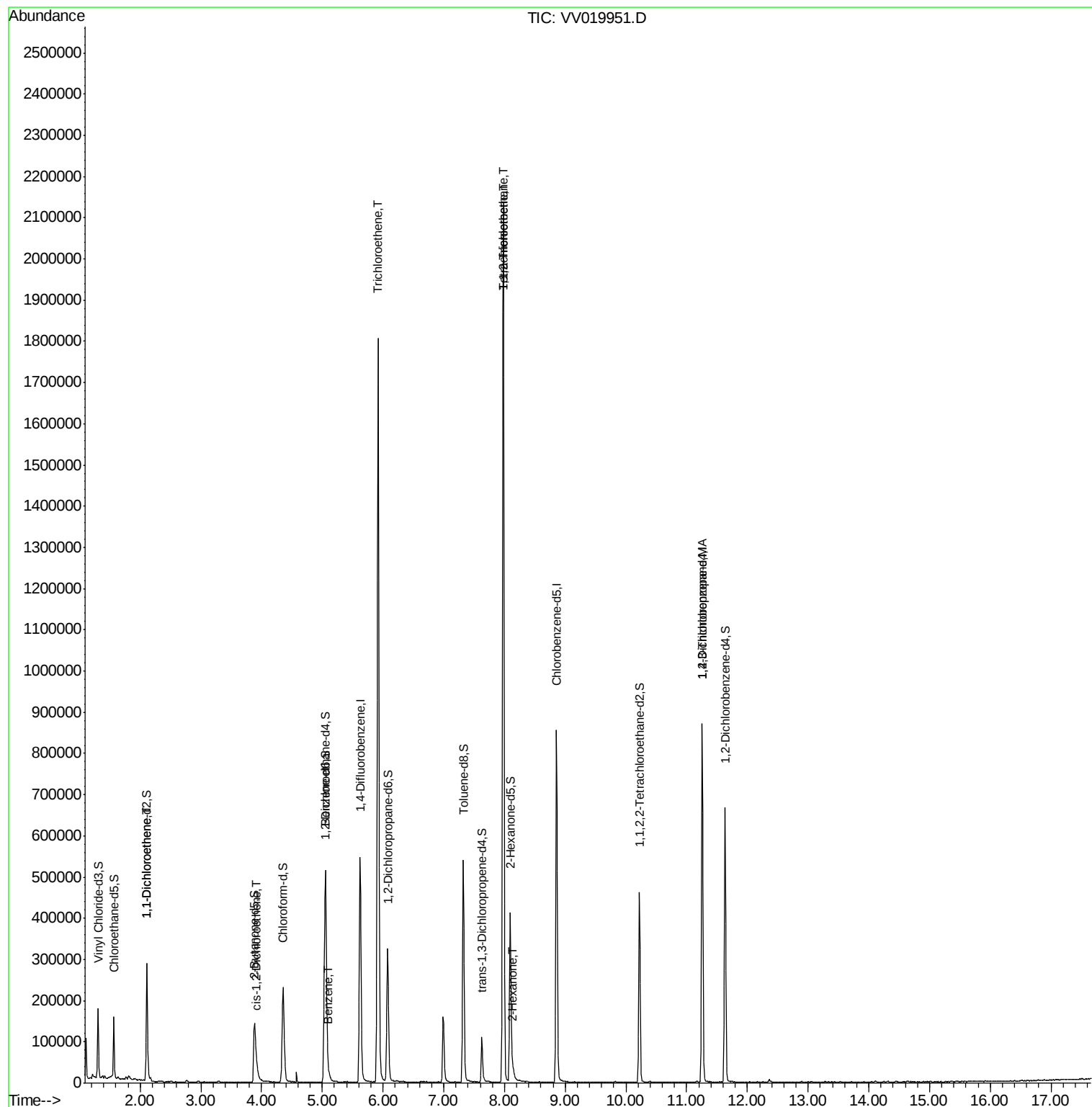
					Ovalue
12) 1,1-Dichloroethene	2.12	96	4547	1.656 ug/L #	1
20) cis-1,2-Dichloroethene	3.92	96	8779	2.611 ug/L	99
33) Benzene	5.11	78	17592	1.339 ug/L	100
34) Trichloroethene	5.92	95	617525	177.142 ug/L	98
45) 1,1,2-Trichloroethane	7.98	97	4770	1.474 ug/L #	1
46) Tetrachloroethene	7.98	164	408277	175.373 ug/L	98
48) 2-Hexanone	8.15	43	12125	2.968 ug/L #	83
59) 1,2,3-Trichloropropane	11.25	75	29108	6.489 ug/L	93

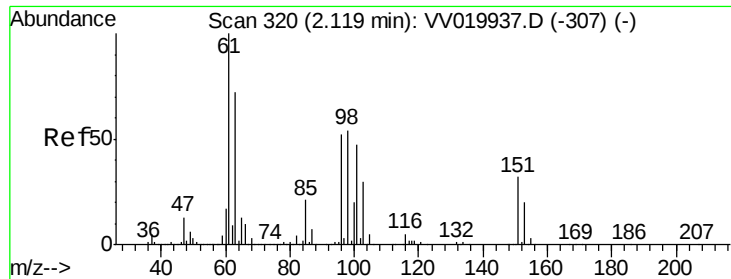
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jan 08 22:51:06 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.656 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.00 min

Lab File: VV019951.D

Acq: 08 Jan 2021 16:47

Instrument :

MSVOA_V

ClientSampled :

BG4X2

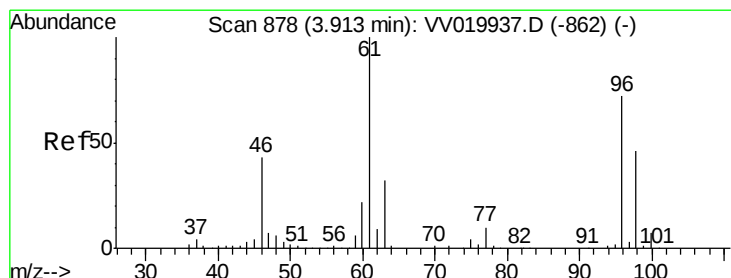
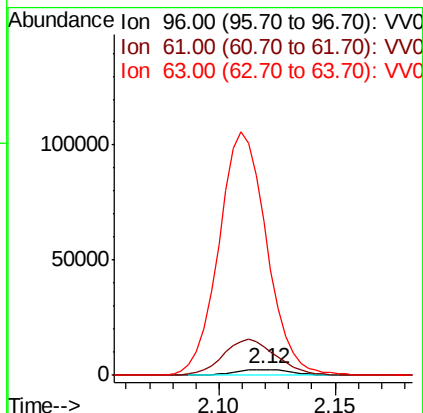
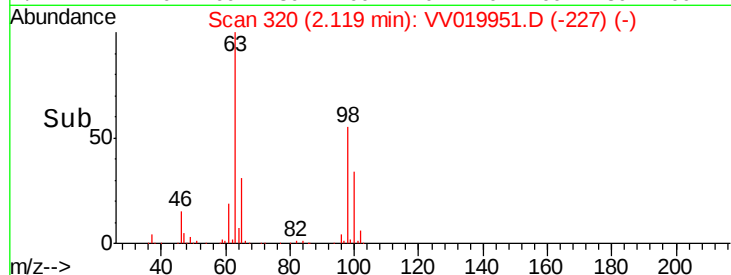
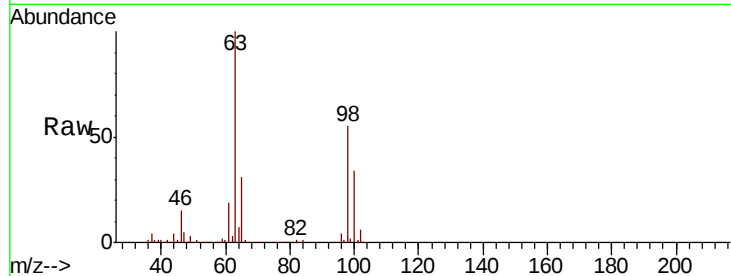
Tot Ion: 96 Resp: 4547

Ion Ratio Lower Upper

96 100

61 482.9 134.9 250.5#

63 2557.3 117.6 218.4#



#20

cis-1,2-Dichloroethene

Concen: 2.611 ug/L

RT: 3.92 min Scan# 881

Delta R.T. 0.01 min

Lab File: VV019951.D

Acq: 08 Jan 2021 16:47

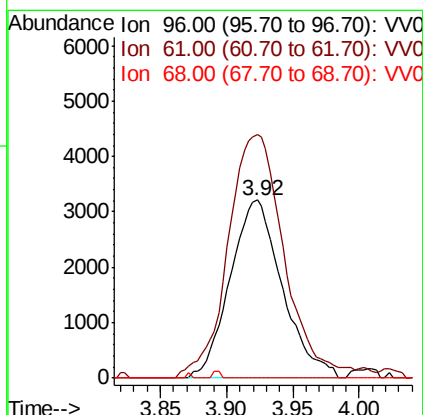
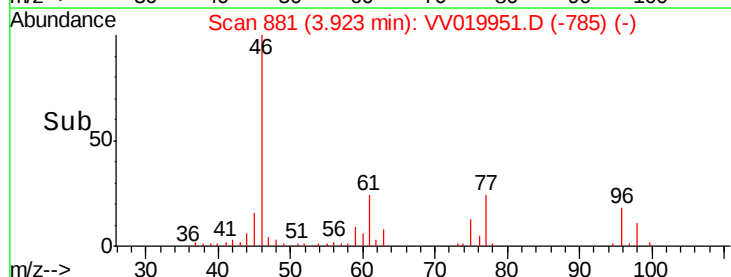
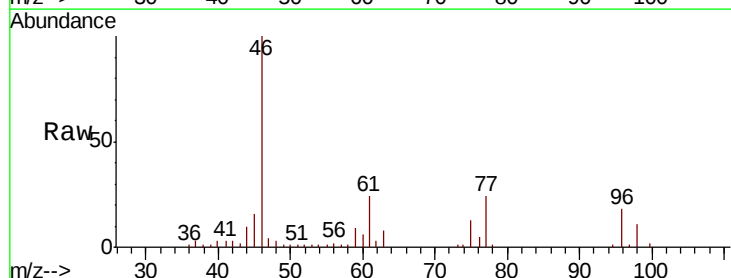
Tgt Ion: 96 Resp: 8779

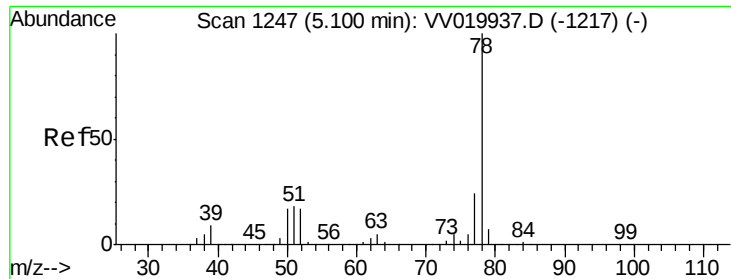
Ion Ratio Lower Upper

96 100

61 136.8 96.9 179.9

68 0.0 0.0 0.0





#33

Benzene

Concen: 1.339 ug/L

RT: 5.11 min Scan# 1250

Delta R.T. 0.01 min

Lab File: VV019951.D

Acq: 08 Jan 2021 16:47

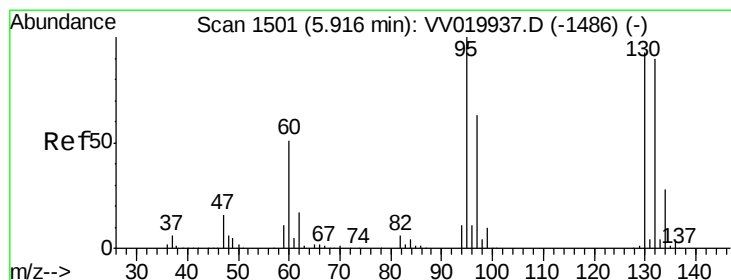
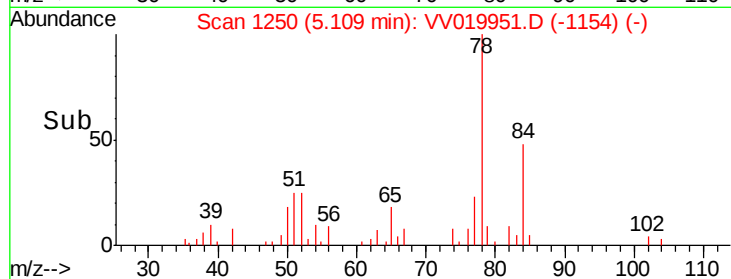
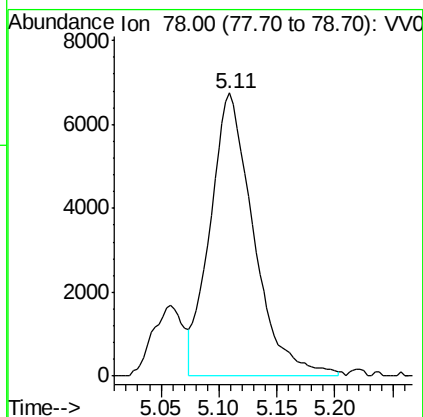
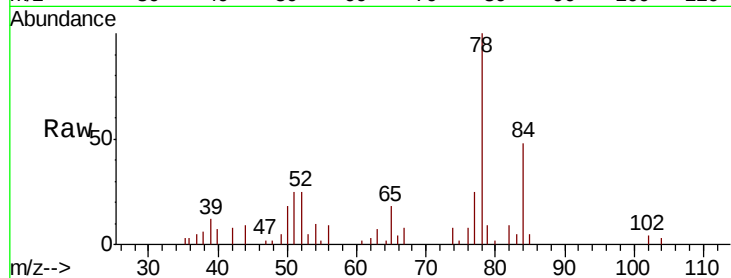
Instrument :

MSVOA_V

ClientSampled :

BG4X2

Tgt Ion: 78 Resp: 17592



#34

Trichloroethene

Concen: 177.142 ug/L

RT: 5.92 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VV019951.D

Acq: 08 Jan 2021 16:47

Tgt Ion: 95 Resp: 617525

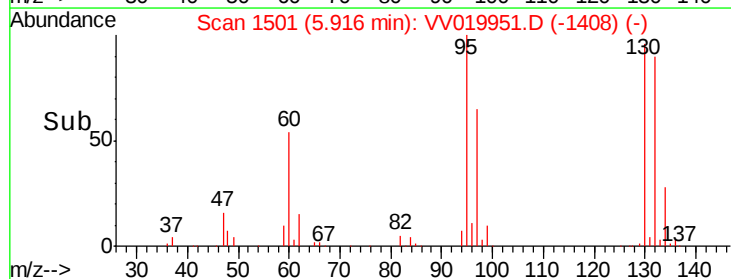
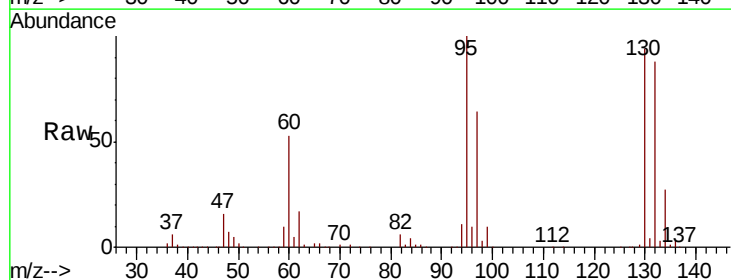
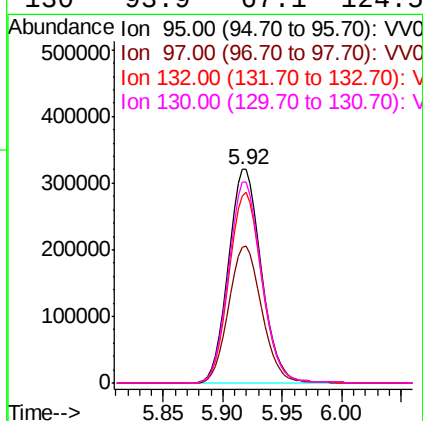
Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.5	82.7
132	87.7	63.4	117.8
130	93.9	67.1	124.5

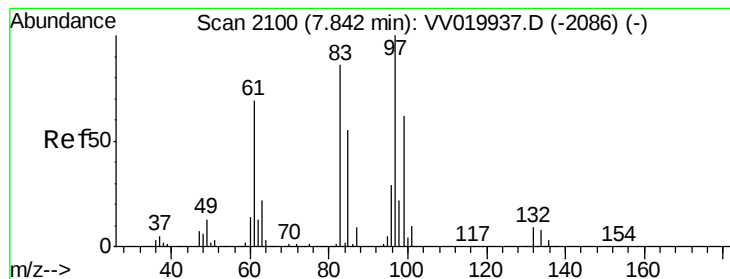
Ion 95.00 (94.70 to 95.70): VV0

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





#45

1,1,2-Trichloroethane

Concen: 1.474 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. 0.14 min

Lab File: VV019951.D

Acq: 08 Jan 2021 16:47

Instrument :

MSVOA_V

ClientSampleId :

BG4X2

Tot Ion: 97 Resp: 4770

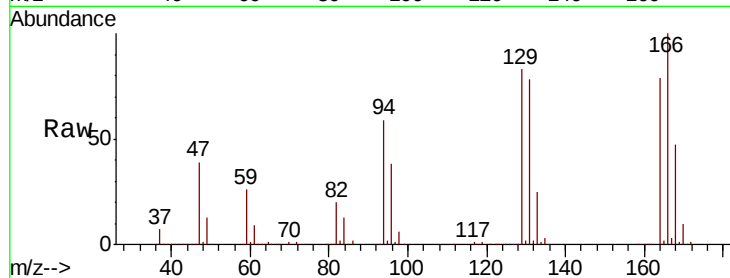
Ion Ratio Lower Upper

97 100

99 18.2 43.8 81.3#

83 262.7 62.2 115.4#

85 42.0 39.0 72.4

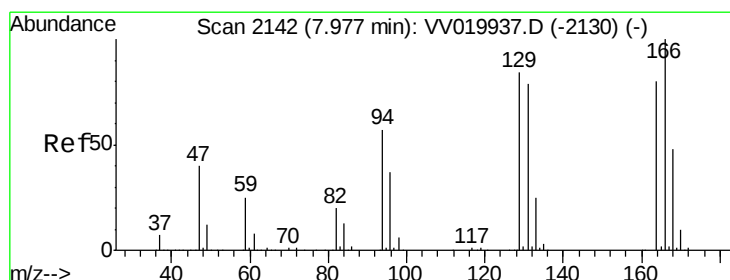
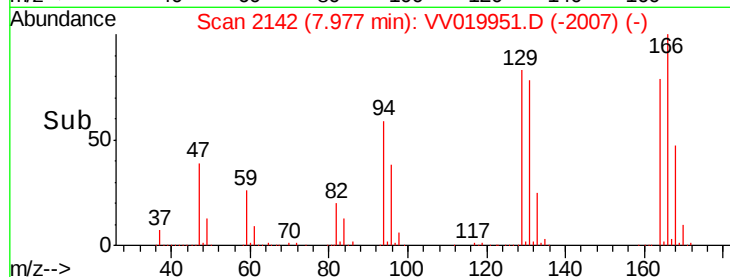
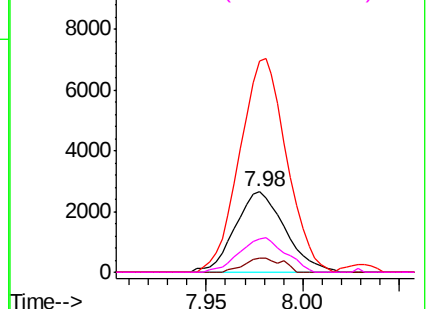


Abundance Ion 97.00 (96.70 to 97.70): VV0

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: 175.373 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019951.D

Acq: 08 Jan 2021 16:47

Tgt Ion:164 Resp: 408277

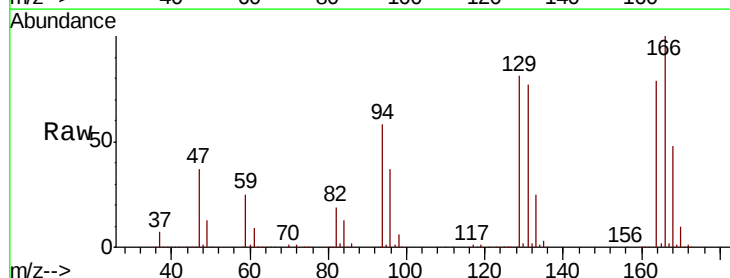
Ion Ratio Lower Upper

164 100

129 103.1 70.6 131.0

131 97.4 66.8 124.0

166 126.8 88.2 163.8

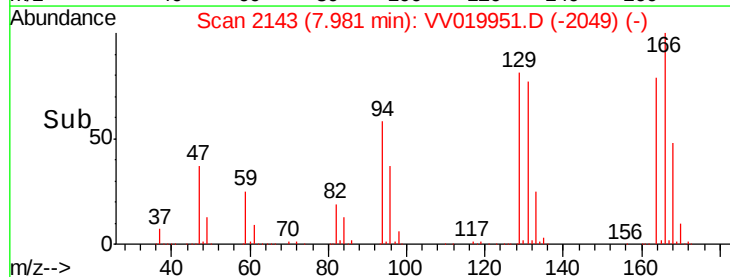
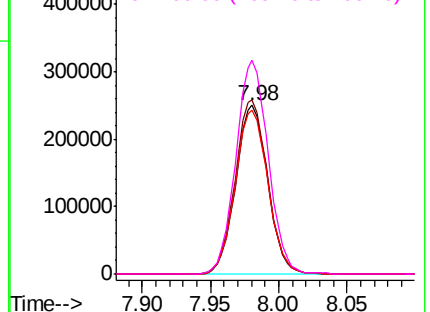


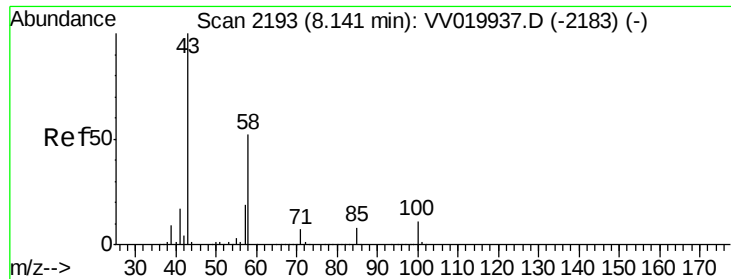
Abundance Ion 164.00 (163.70 to 164.70): V

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

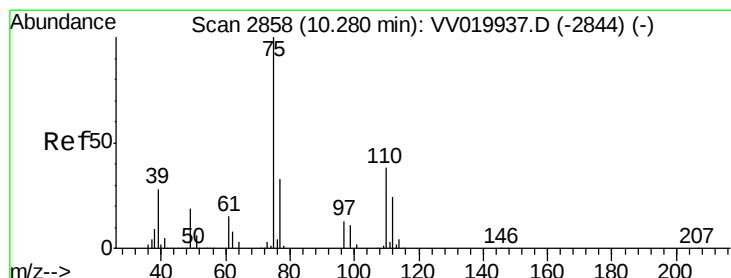
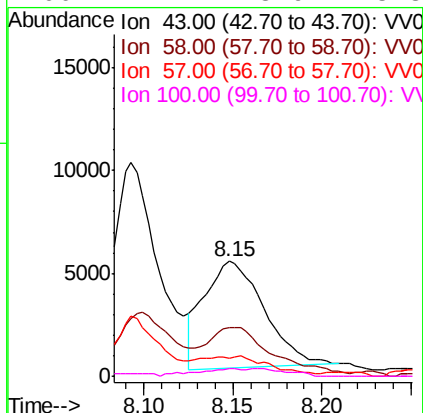
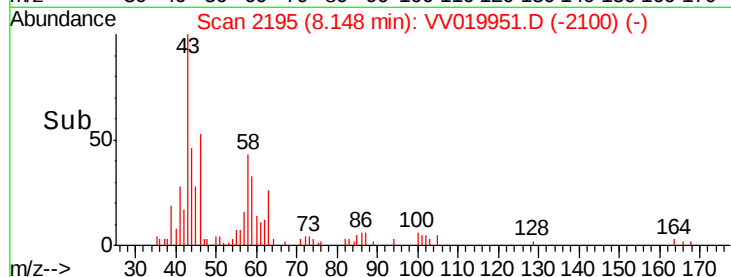
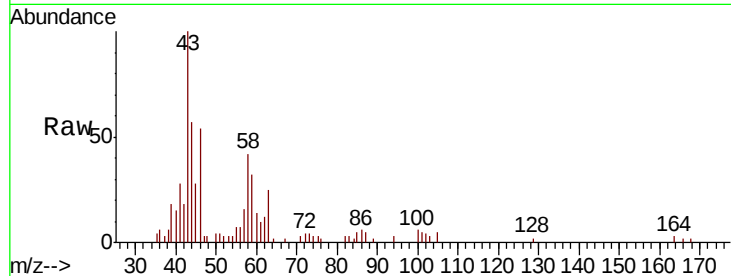




#48
2-Hexanone
Concen: 2.968 ug/L
RT: 8.15 min Scan# 2195
Delta R.T. 0.01 min
Lab File: VV019951.D
Acq: 08 Jan 2021 16:47

Instrument :
MSVOA_V
ClientSampleId :
BG4X2

Tot Ion:	43	Resp:	12125
Ion	Ratio	Lower	Upper
43	100		
58	47.9	41.8	62.6
57	0.0	15.0	22.4#
100	2.1	8.9	13.3#



#59
1,2,3-Trichloropropane
Concen: 6.489 ug/L
RT: 11.25 min Scan# 3161
Delta R.T. 0.97 min
Lab File: VV019951.D
Acq: 08 Jan 2021 16:47

Tgt Ion:	75	Resp:	29108
Ion	Ratio	Lower	Upper
75	100		
77	35.7	25.4	38.0

