

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\
 Data File : VV017402.D
 Acq On : 09 Jul 2020 16:49
 Operator : SY/MD
 Sample : L3254-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A51

Quant Time: Jul 10 04:03:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 10 04:00:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	222612	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	209247	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	104558	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55719	48.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.16%
7) Chloroethane-d5	1.58	69	40403	49.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.26%
11) 1,1-Dichloroethene-d2	2.12	63	93501	35.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.26%
21) 2-Butanone-d5	3.90	46	82893	104.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.72%
24) Chloroform-d	4.38	84	130585	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.42%
26) 1,2-Dichloroethane-d4	5.06	65	94053	51.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.24%
32) Benzene-d6	5.08	84	233731	51.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.42%
36) 1,2-Dichloropropane-d6	6.09	67	66985	51.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.92%
41) Toluene-d8	7.34	98	216214	49.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.50%
43) trans-1,3-Dichloropropene-	7.64	79	37490	49.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.96%
47) 2-Hexanone-d5	8.11	63	52810	98.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.86%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	91647	50.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.30%
64) 1,2-Dichlorobenzene-d4	11.65	152	93895	53.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.42%

Target Compounds

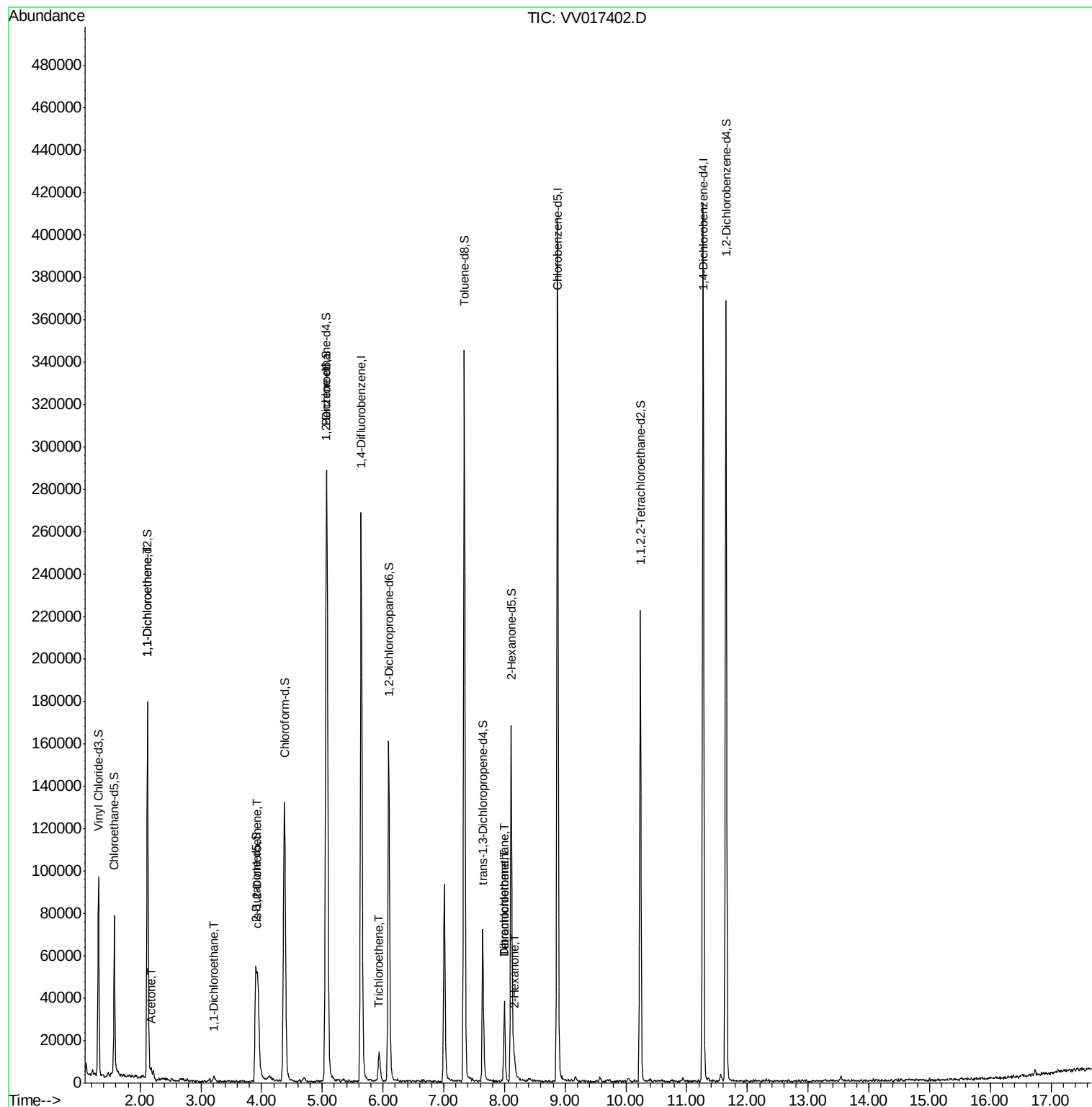
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.12	96	1267	0.948	ug/L #	1
13) Acetone	2.19	43	5775	5.360	ug/L	99
19) 1,1-Dichloroethane	3.22	63	2197	0.822	ug/L	95
20) cis-1,2-Dichloroethene	3.94	96	19692	12.640	ug/L	96
34) Trichloroethene	5.94	95	2516	1.532	ug/L	91
46) Tetrachloroethene	8.00	164	8261	5.991	ug/L	90
48) 2-Hexanone	8.17	43	4034	2.664	ug/L #	61
49) Dibromochloromethane	8.00	129	7669	4.188	ug/L #	10

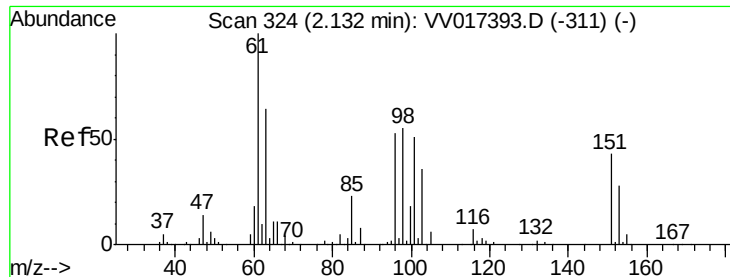
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jul 10 04:00:27 2020
Response via : Initial Calibration

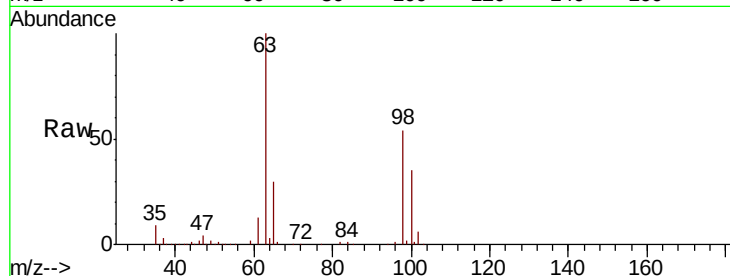




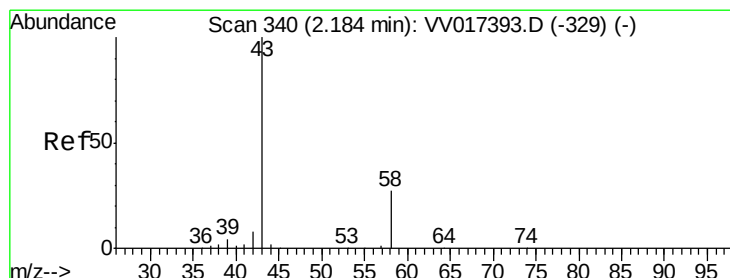
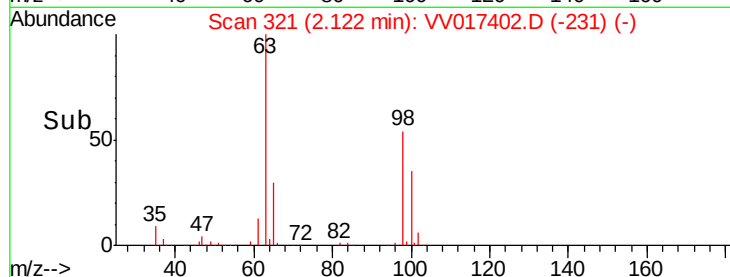
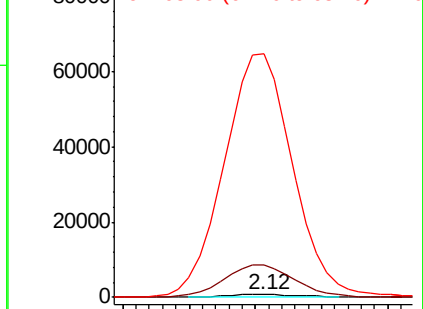
#12
 1,1-Dichloroethene
 Concen: 0.948 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV017402.D
 Acq: 09 Jul 2020 16:49

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A51

Tot Ion: 96 Resp: 1267
 Ion Ratio Lower Upper
 96 100
 61 1118.4 132.7 246.4#
 63 8554.5 103.3 191.8#

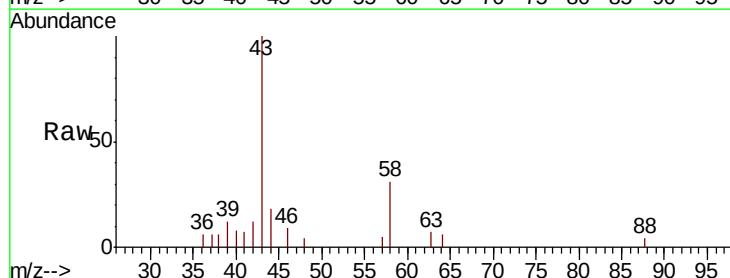


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 63.00 (62.70 to 63.70): VV0

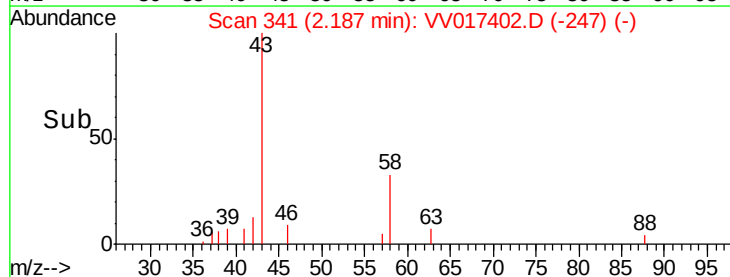
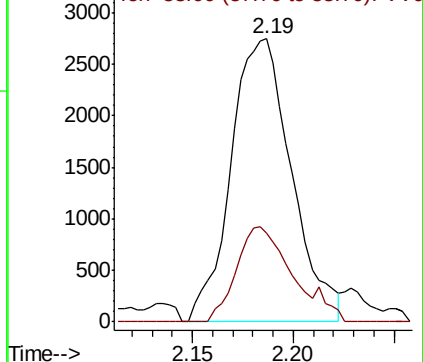


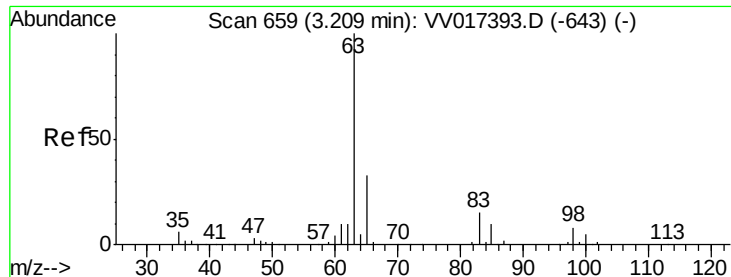
#13
 Acetone
 Concen: 5.360 ug/L
 RT: 2.19 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VV017402.D
 Acq: 09 Jul 2020 16:49

Tgt Ion: 43 Resp: 5775
 Ion Ratio Lower Upper
 43 100
 58 28.6 0.0 56.0



Abundance Ion 43.00 (42.70 to 43.70): VV0
 Ion 58.00 (57.70 to 58.70): VV0

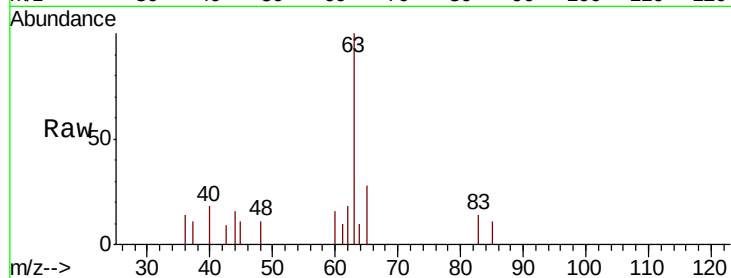




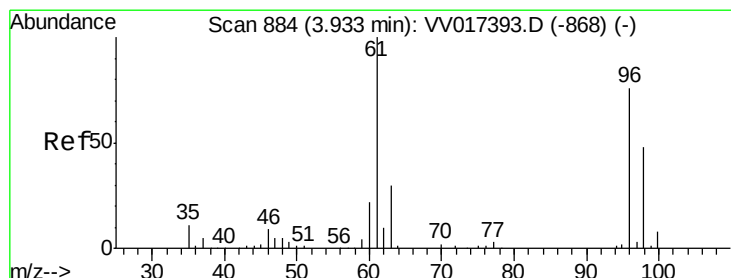
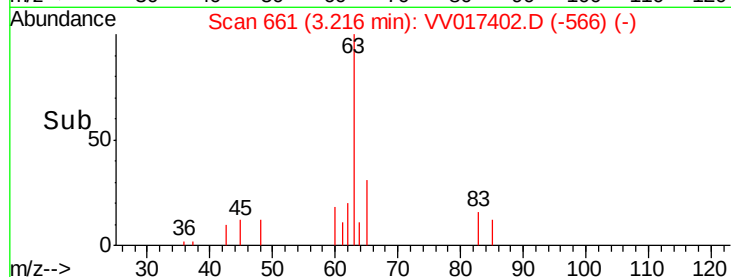
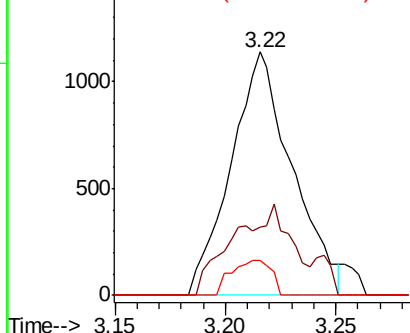
#19
 1,1-Dichloroethane
 Concen: 0.822 ug/L
 RT: 3.22 min Scan# 661
 Delta R.T. 0.01 min
 Lab File: VV017402.D
 Acq: 09 Jul 2020 16:49

Instrument :
 MSVOA_V
 ClientSampled :
 F4A51

Tot Ion	Ratio	Lower	Upper
63	100		
65	27.8	22.1	41.1
83	14.3	10.1	18.9

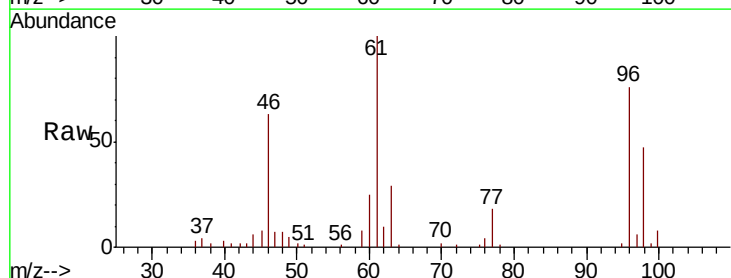


Abundance Ion 63.00 (62.70 to 63.70): VV0
 Ion 65.00 (64.70 to 65.70): VV0
 Ion 83.00 (82.70 to 83.70): VV0

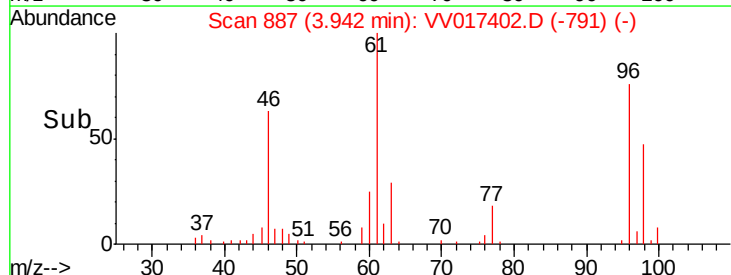
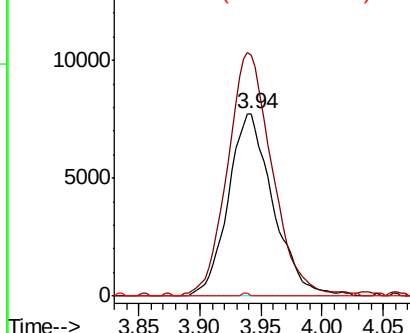


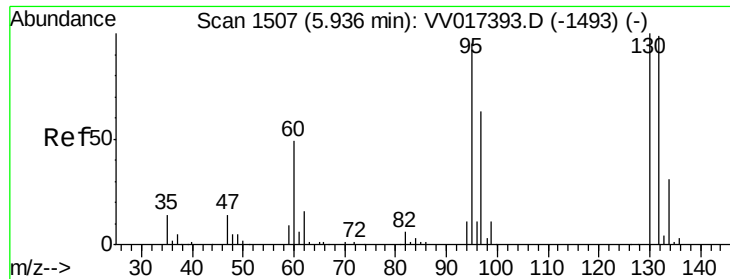
#20
 cis-1,2-Dichloroethene
 Concen: 12.640 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV017402.D
 Acq: 09 Jul 2020 16:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	132.1	88.9	165.1
68	0.0	0.0	0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0





#34

Trichloroethene

Concen: 1.532 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV017402.D

Acq: 09 Jul 2020 16:49

Instrument :

MSVOA_V

ClientSampleId :

F4A51

Tot Ion: 95 Resp: 2516

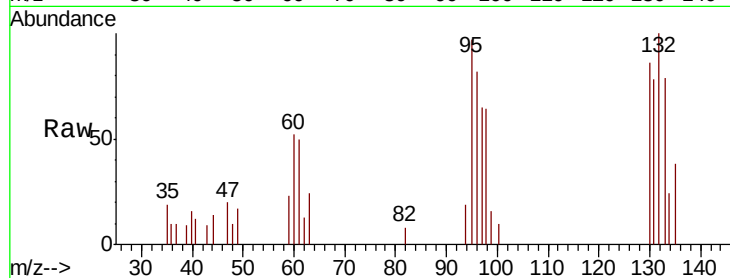
Ion Ratio Lower Upper

95 100

97 66.6 45.6 84.6

132 102.9 74.1 137.5

130 88.9 75.5 140.3



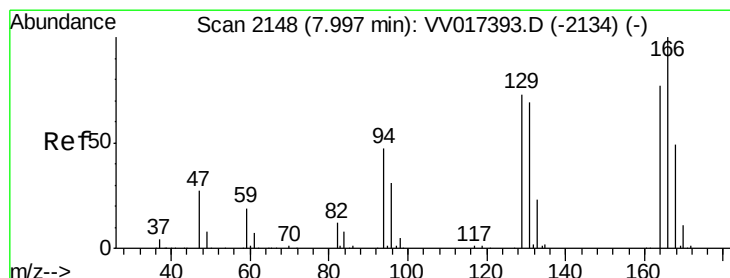
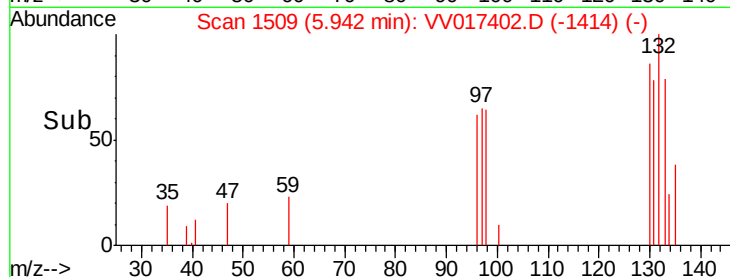
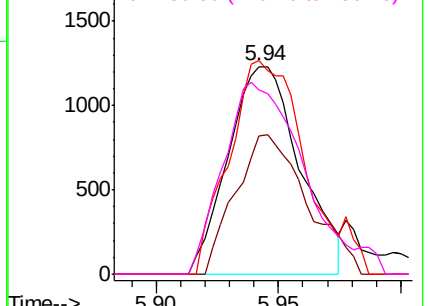
Abundance

Ion 95.00 (94.70 to 95.70): VV017393.D (-1493) (-)

Ion 97.00 (96.70 to 97.70): VV017393.D (-1493) (-)

Ion 132.00 (131.70 to 132.70): VV017393.D (-1493) (-)

Ion 130.00 (129.70 to 130.70): VV017393.D (-1493) (-)



#46

Tetrachloroethene

Concen: 5.991 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV017402.D

Acq: 09 Jul 2020 16:49

Tgt Ion: 164 Resp: 8261

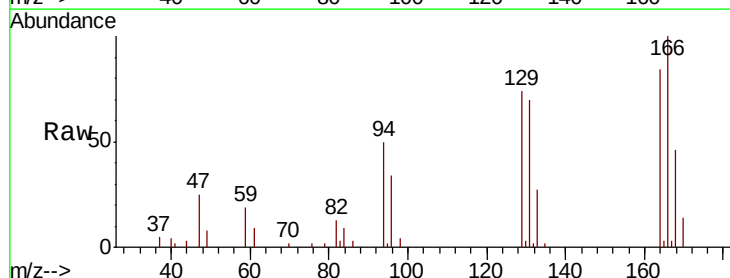
Ion Ratio Lower Upper

164 100

129 88.6 66.6 123.8

131 83.3 65.5 121.7

166 119.7 93.9 174.5



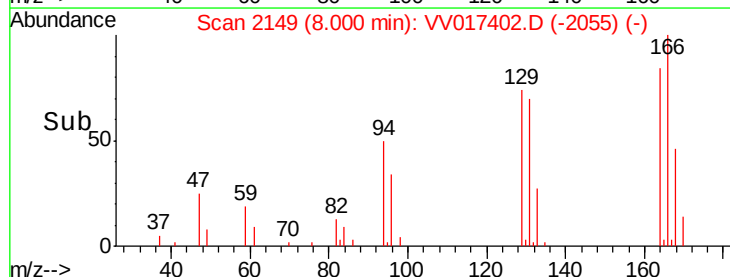
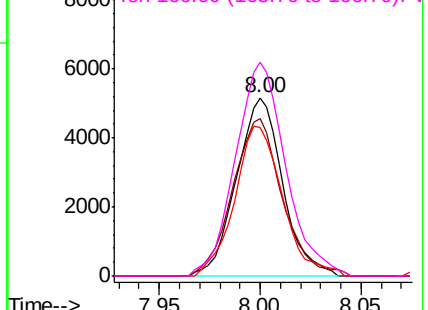
Abundance

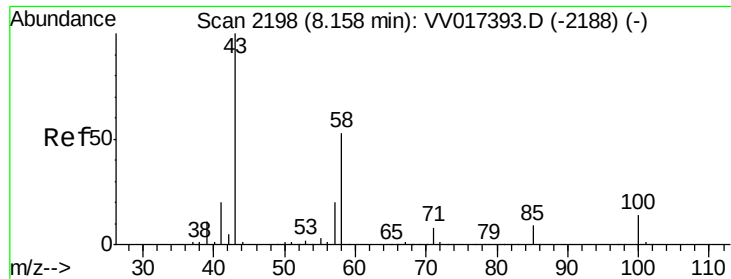
Ion 164.00 (163.70 to 164.70): VV017393.D (-2134) (-)

Ion 129.00 (128.70 to 129.70): VV017393.D (-2134) (-)

Ion 131.00 (130.70 to 131.70): VV017393.D (-2134) (-)

Ion 166.00 (165.70 to 166.70): VV017393.D (-2134) (-)

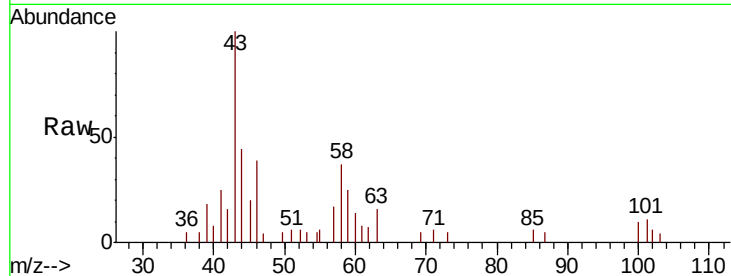




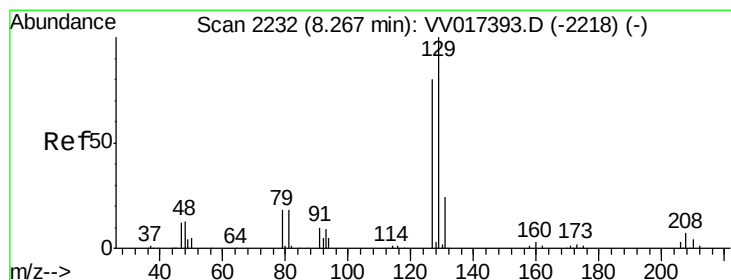
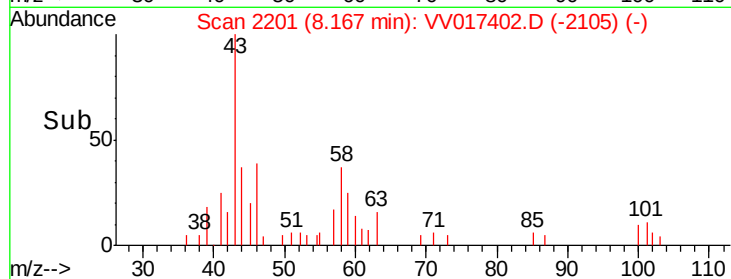
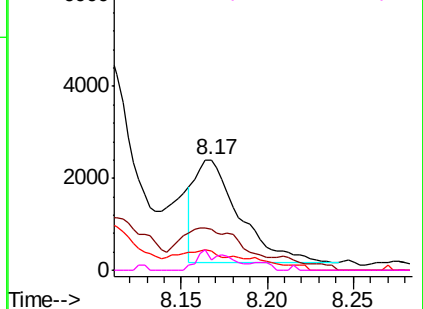
#48
2-Hexanone
Concen: 2.664 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV017402.D
Acq: 09 Jul 2020 16:49

Instrument :
MSVOA_V
ClientSampleId :
F4A51

Tot Ion: 43 Resp: 4034
Ion Ratio Lower Upper
43 100
58 18.7 42.6 64.0#
57 8.1 16.2 24.4#
100 6.2 10.9 16.3#

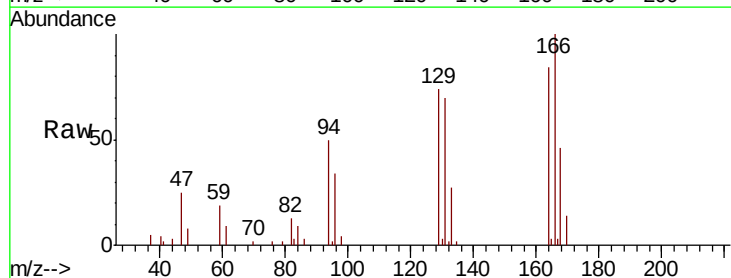


Abundance Ion 43.00 (42.70 to 43.70): VV017393.D (-2188) (-)
Ion 58.00 (57.70 to 58.70): VV017393.D (-2188) (-)
Ion 57.00 (56.70 to 57.70): VV017393.D (-2188) (-)
Ion 100.00 (99.70 to 100.70): VV017393.D (-2188) (-)



#49
Dibromochloromethane
Concen: 4.188 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.27 min
Lab File: VV017402.D
Acq: 09 Jul 2020 16:49

Tgt Ion: 129 Resp: 7669
Ion Ratio Lower Upper
129 100
127 0.0 54.6 101.4#



Abundance Ion 129.00 (128.70 to 129.70): VV017393.D (-2218) (-)
Ion 127.00 (126.70 to 127.70): VV017393.D (-2218) (-)

