

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040120\
 Data File : VV015361.D
 Acq On : 02 Apr 2020 05:50
 Operator : SY/MD
 Sample : L2064-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 02 06:42:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 02 06:34:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	724352	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	678335	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	308446	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	233694	35.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.96%
7) Chloroethane-d5	1.58	69	207588	37.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.84%
11) 1,1-Dichloroethene-d2	2.12	63	365651	31.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.00%
21) 2-Butanone-d5	3.94	46	298304	86.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.41%
24) Chloroform-d	4.38	84	438472	40.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.78%
26) 1,2-Dichloroethane-d4	5.06	65	286501	42.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.78%
32) Benzene-d6	5.07	84	909440	43.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.08%
36) 1,2-Dichloropropane-d6	6.09	67	274993	44.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.30%
41) Toluene-d8	7.34	98	880083	44.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.12%
43) trans-1,3-Dichloropropene-	7.64	79	136372	40.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.14%
47) 2-Hexanone-d5	8.12	63	233509	83.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.01%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	384609	43.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	327321	46.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.30%

Target Compounds

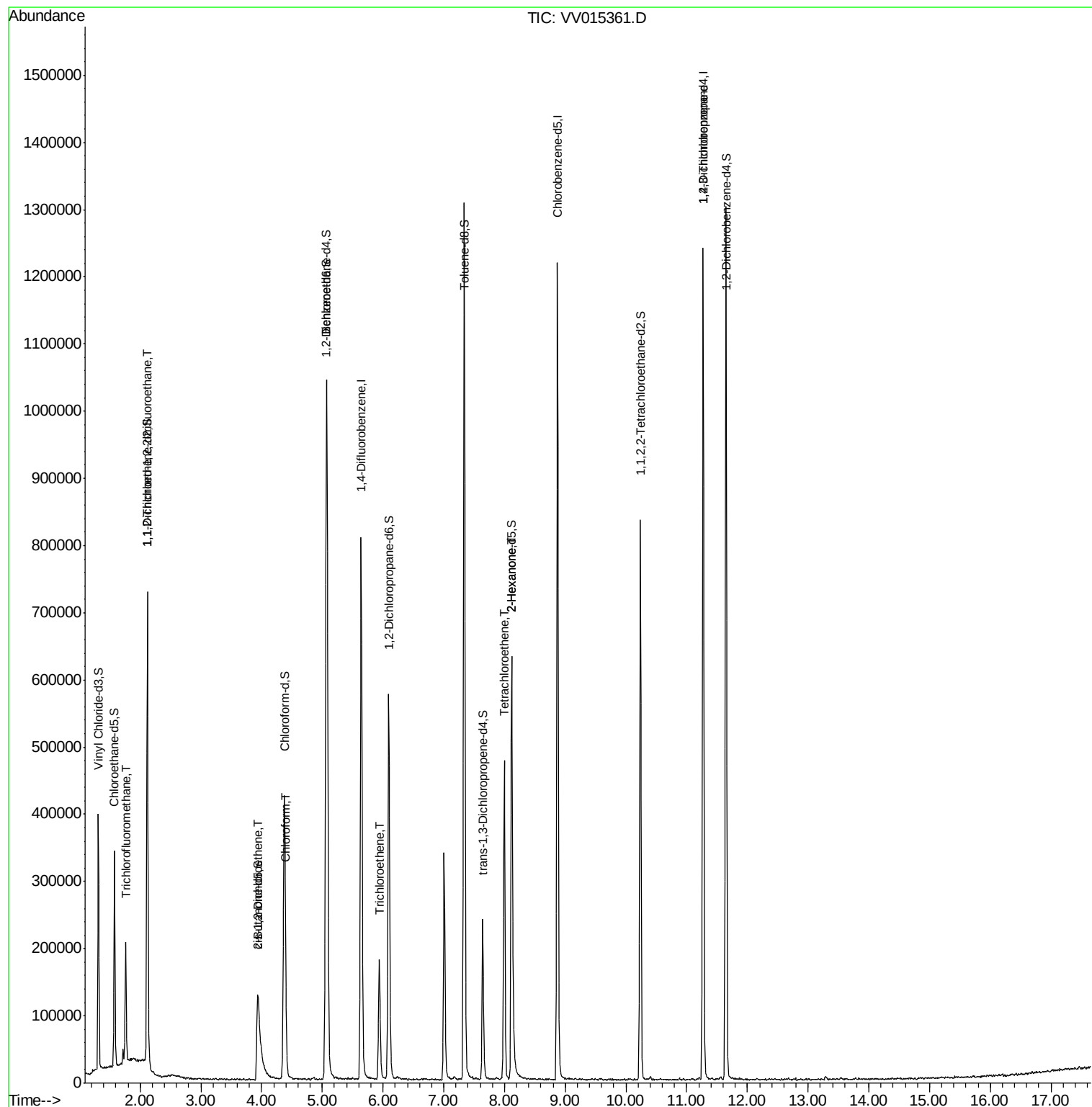
					Ovalue
9) Trichlorofluoromethane	1.76	101	99951	8.176 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	4138	0.757 ug/L #	25
20) cis-1,2-Dichloroethene	3.95	96	7778	1.373 ug/L #	96
25) Chloroform	4.40	83	11931	1.222 ug/L	81
34) Trichloroethene	5.94	95	60994	11.473 ug/L	98
46) Tetrachloroethene	8.00	164	101708	26.686 ug/L	96
48) 2-Hexanone	8.12	43	32782	6.249 ug/L #	45
59) 1,2,3-Trichloropropane	11.27	75	37724	5.670 ug/L	92

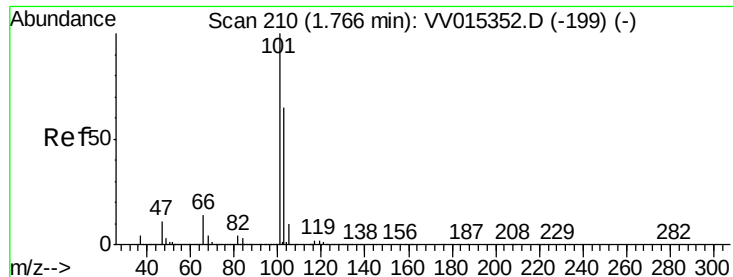
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 02 06:34:01 2020
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 8.176 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

Lab File: VV015361.D

Acq: 02 Apr 2020 05:50

Instrument :

MSVOA_V

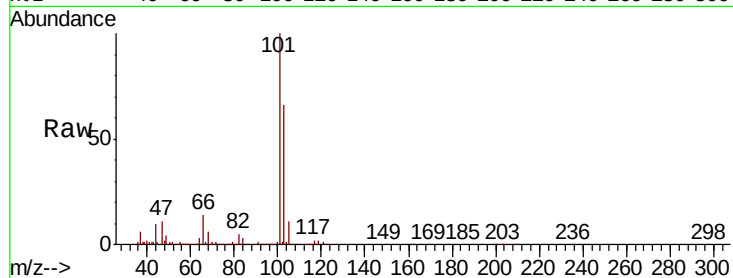
ClientSampleId :

Tot Ion:101 Resp: 99951

Ion Ratio Lower Upper

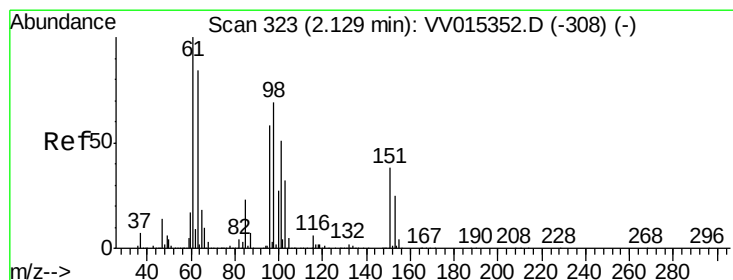
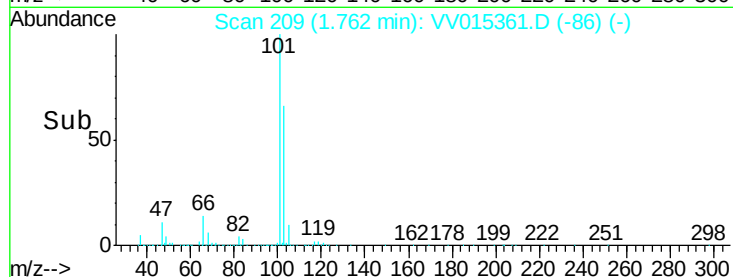
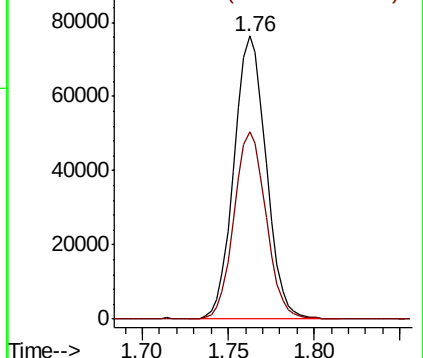
101 100

103 65.8 52.3 78.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

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

Concen: 0.757 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015361.D

Acq: 02 Apr 2020 05:50

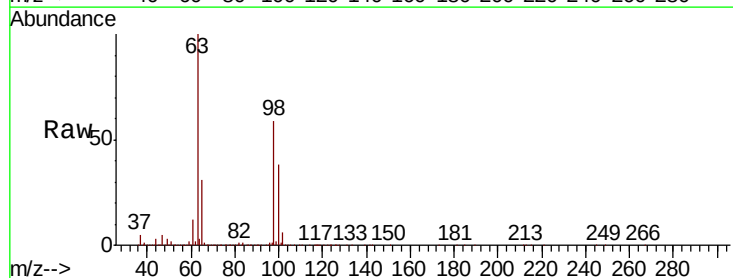
Tgt Ion:101 Resp: 4138

Ion Ratio Lower Upper

101 100

85 8.7 36.1 54.1#

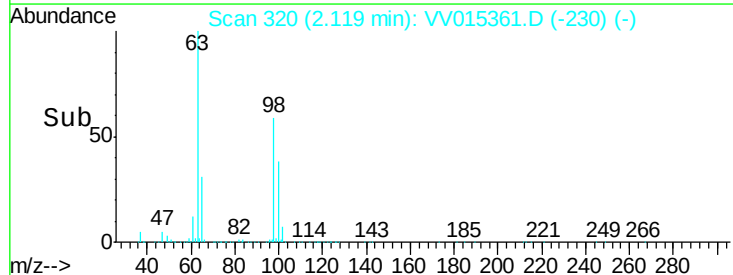
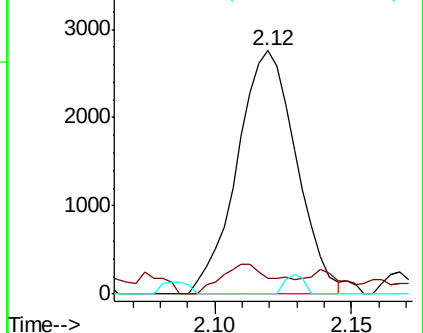
151 0.0 58.2 87.4#

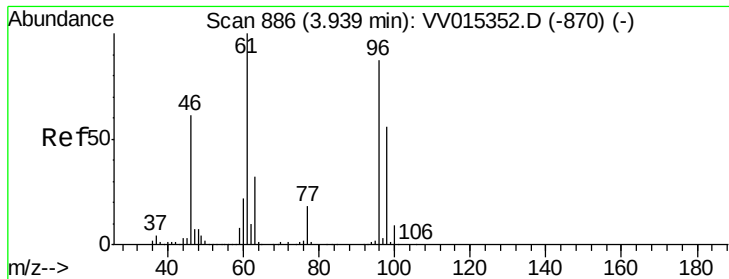


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V





#20

cis-1,2-Dichloroethene

Concen: 1.373 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

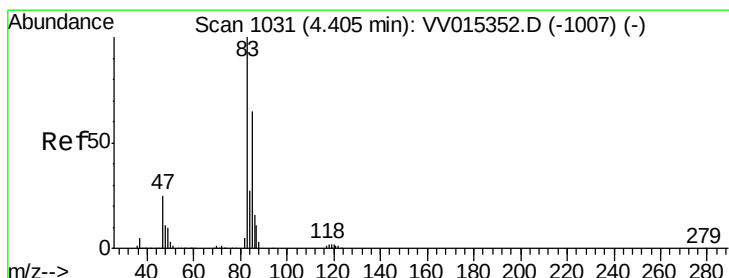
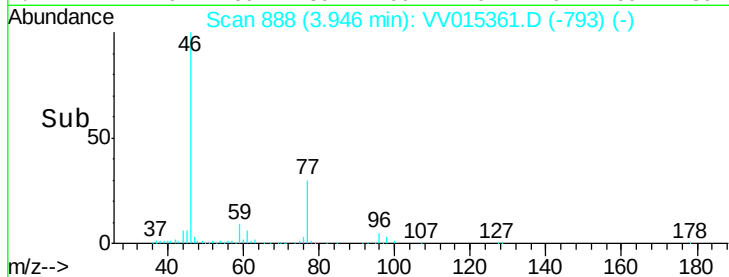
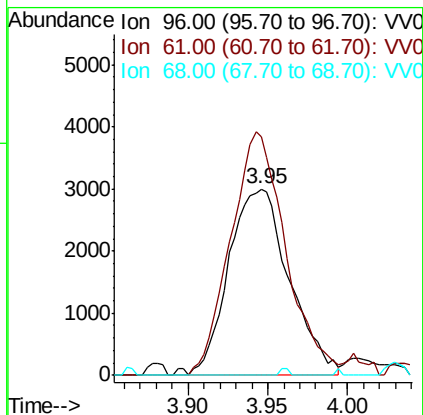
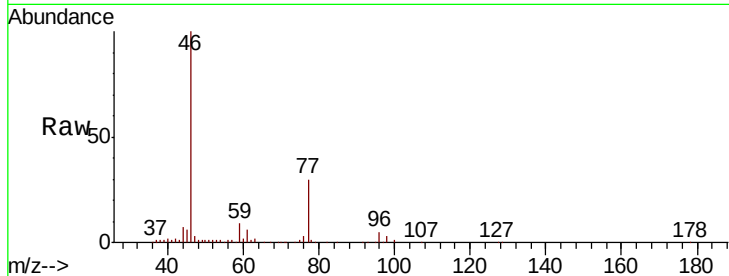
Lab File: VV015361.D

Acq: 02 Apr 2020 05:50

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 96 Resp: 7778

Ion	Ratio	Lower	Upper
96	100		
61	127.8	86.4	160.4
68	0.0	0.1	0.3



#25

Chloroform

Concen: 1.222 ug/L

RT: 4.40 min Scan# 1030

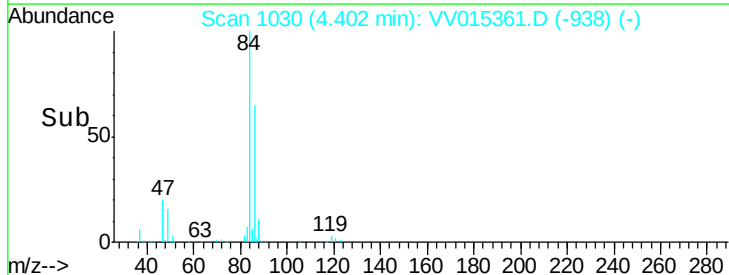
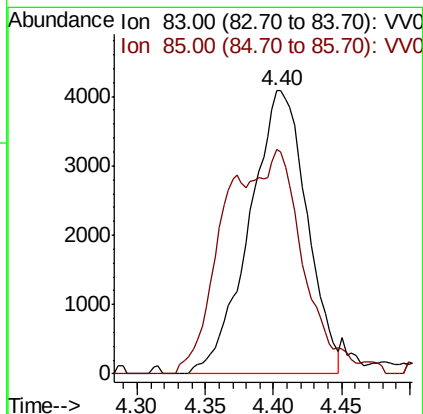
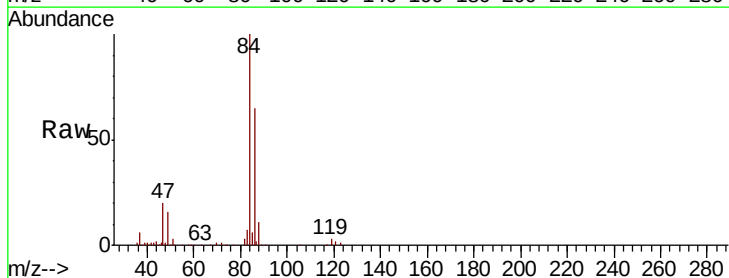
Delta R.T. -0.00 min

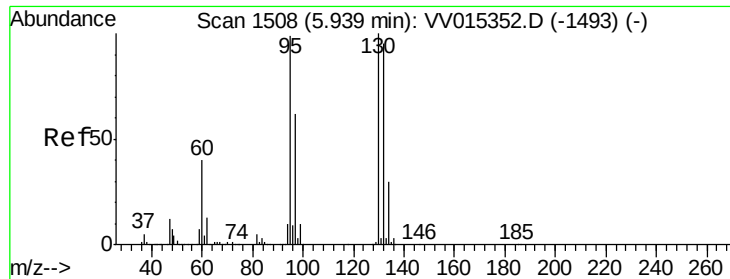
Lab File: VV015361.D

Acq: 02 Apr 2020 05:50

Tgt Ion: 83 Resp: 11931

Ion	Ratio	Lower	Upper
83	100		
85	79.5	45.1	83.9





#34

Trichloroethene

Concen: 11.473 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV015361.D

Acq: 02 Apr 2020 05:50

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 60994

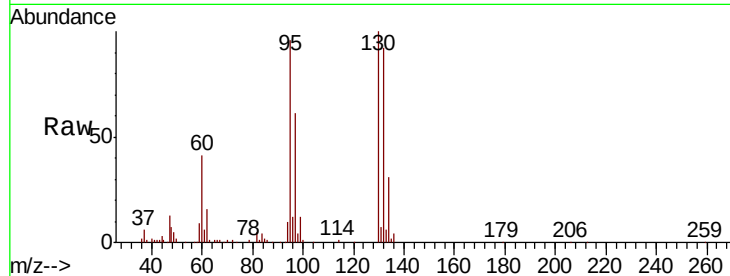
Ion Ratio Lower Upper

95 100

97 63.9 45.4 84.2

132 95.3 66.8 124.2

130 104.1 69.4 128.8



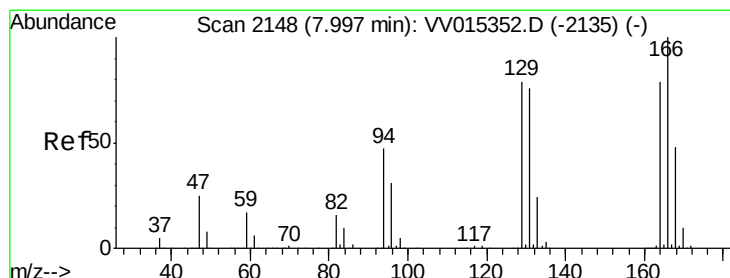
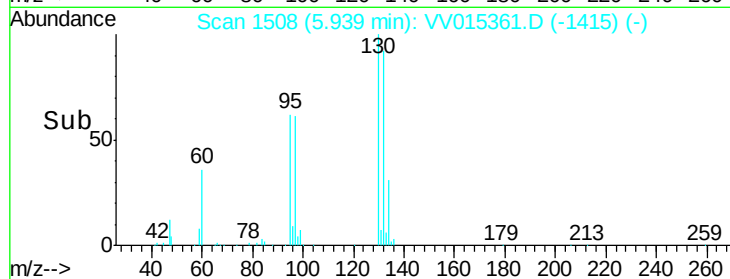
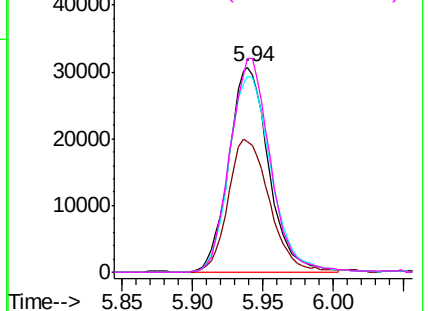
Abundance

Ion 95.00 (94.70 to 95.70): VV015352.D (-1493) (-)

Ion 97.00 (96.70 to 97.70): VV015352.D (-1493) (-)

Ion 132.00 (131.70 to 132.70): VV015352.D (-1493) (-)

Ion 130.00 (129.70 to 130.70): VV015352.D (-1493) (-)



#46

Tetrachloroethene

Concen: 26.686 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015361.D

Acq: 02 Apr 2020 05:50

Tgt Ion: 164 Resp: 101708

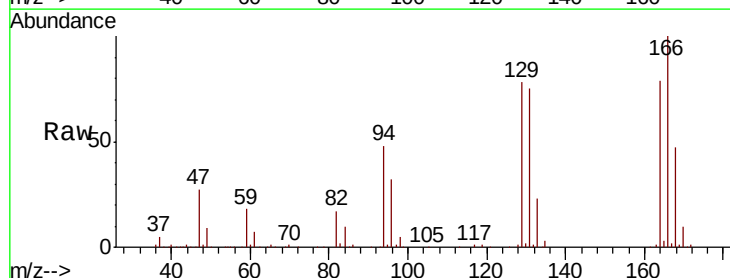
Ion Ratio Lower Upper

164 100

129 98.0 73.8 137.0

131 94.6 69.4 129.0

166 126.0 89.7 166.7



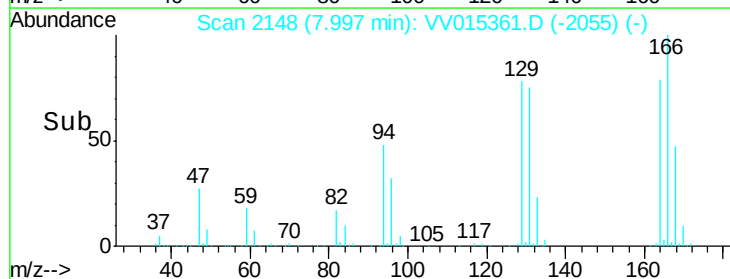
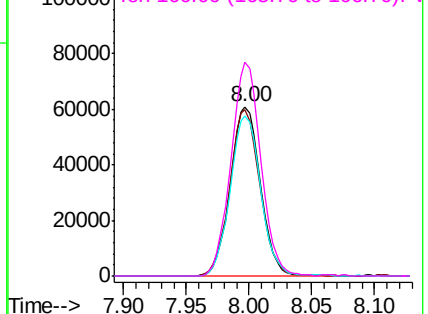
Abundance

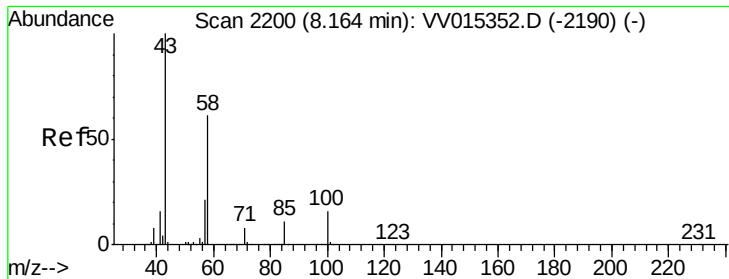
Ion 164.00 (163.70 to 164.70): VV015352.D (-2135) (-)

Ion 129.00 (128.70 to 129.70): VV015352.D (-2135) (-)

Ion 131.00 (130.70 to 131.70): VV015352.D (-2135) (-)

Ion 166.00 (165.70 to 166.70): VV015352.D (-2135) (-)

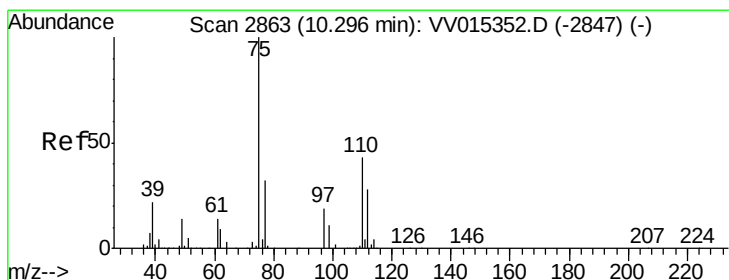
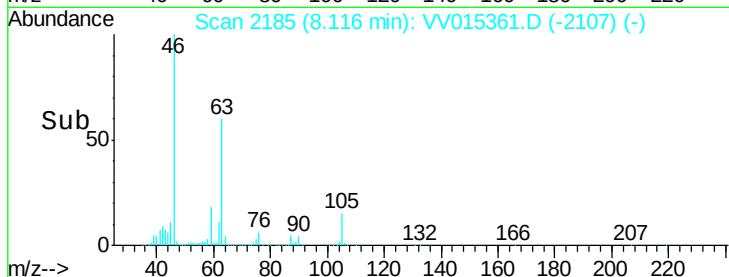
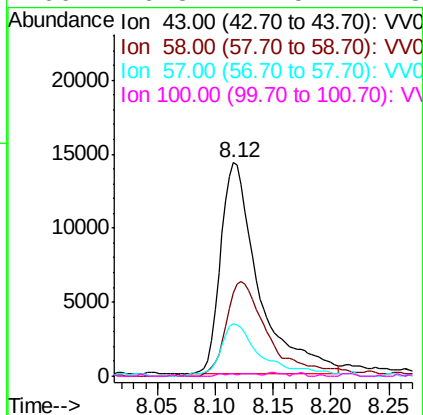
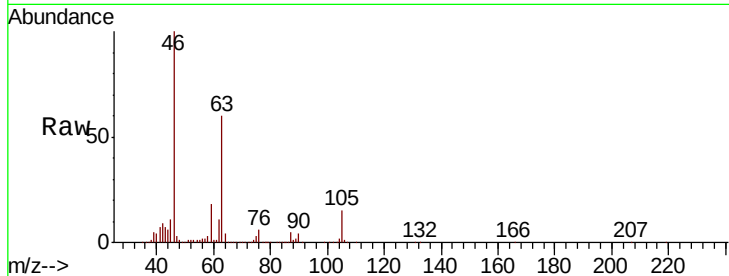




#48
 2-Hexanone
 Concen: 6.249 ug/L
 RT: 8.12 min Scan# 2185
 Delta R.T. -0.05 min
 Lab File: VV015361.D
 Acq: 02 Apr 2020 05:50

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 32782
 Ion Ratio Lower Upper
 43 100
 58 0.0 47.4 71.2#
 57 22.5 16.7 25.1
 100 0.3 11.5 17.3#



#59
 1,2,3-Trichloropropane
 Concen: 5.670 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.97 min
 Lab File: VV015361.D
 Acq: 02 Apr 2020 05:50

Tgt Ion: 75 Resp: 37724
 Ion Ratio Lower Upper
 75 100
 77 36.3 25.4 38.0

