

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101020\
 Data File : VV018843.D
 Acq On : 10 Oct 2020 19:22
 Operator : SY/MD
 Sample : L4289-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH1

Quant Time: Oct 12 04:53:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 12 04:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	305588	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	280734	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145278	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86259	31.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.14%
7) Chloroethane-d5	1.58	69	81908	36.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.30%
11) 1,1-Dichloroethene-d2	2.12	63	136692	25.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.06%#
21) 2-Butanone-d5	3.91	46	173269	101.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.63%
24) Chloroform-d	4.37	84	202805	41.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.06	65	145910	43.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.88%
32) Benzene-d6	5.07	84	378307	41.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.74%
36) 1,2-Dichloropropane-d6	6.09	67	136210	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.48%
41) Toluene-d8	7.34	98	302690	37.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.48%#
43) trans-1,3-Dichloropropene-	7.64	79	51424	35.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.42%
47) 2-Hexanone-d5	8.11	63	88737	85.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.94%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	163720	48.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	151028	46.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.94%

Target Compounds

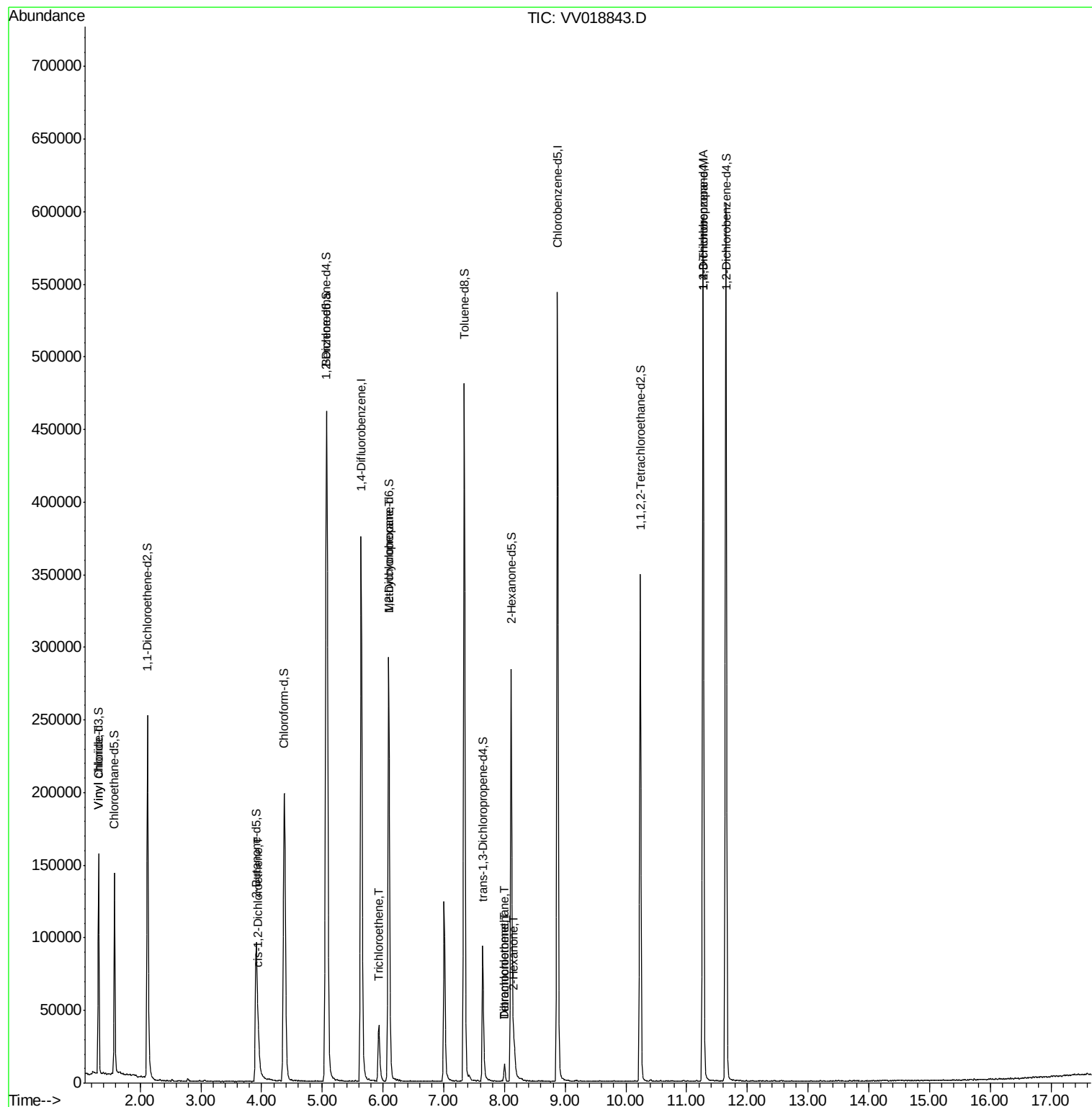
					Ovalue
5) Vinyl chloride	1.32	62	5630	2.087 ug/L #	55
20) cis-1,2-Dichloroethene	3.95	96	6262	2.654 ug/L	90
34) Trichloroethene	5.94	95	2200	0.858 ug/L #	92
35) Methylcyclohexane	6.09	83	31787	10.134 ug/L #	16
46) Tetrachloroethene	8.00	164	2630	1.400 ug/L	96
48) 2-Hexanone	8.16	43	13247	5.278 ug/L #	74
49) Dibromochloromethane	8.00	129	2394	0.997 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	17530	6.022 ug/L #	86

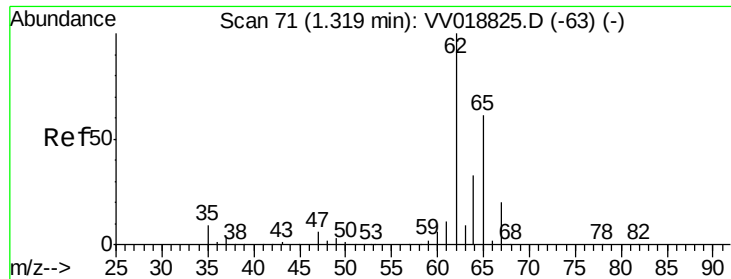
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 12 04:43:49 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.087 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV018843.D

Acq: 10 Oct 2020 19:22

Instrument :

MSVOA_V

ClientSampleId :

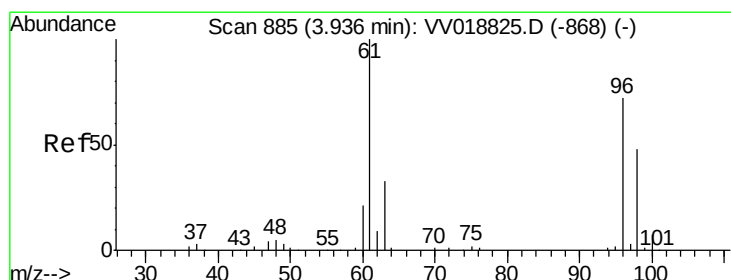
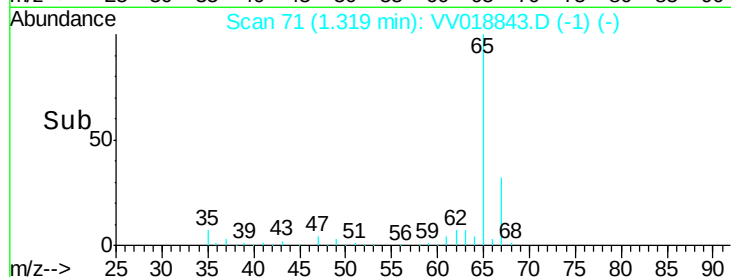
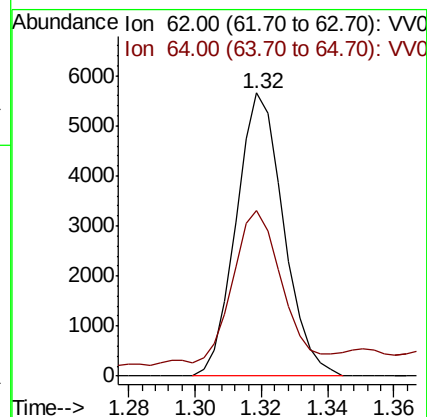
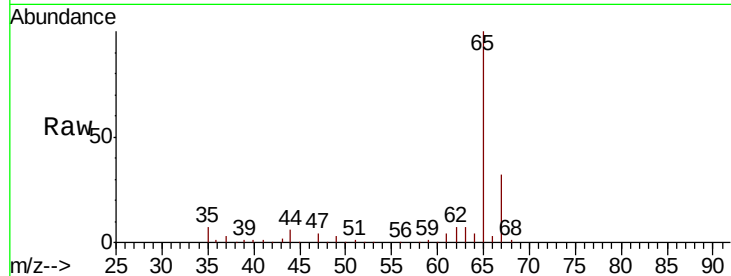
C0AH1

Tot Ion: 62 Resp: 5630

Ion Ratio Lower Upper

62 100

64 58.7 23.2 43.0#



#20

cis-1,2-Dichloroethene

Concen: 2.654 ug/L

RT: 3.95 min Scan# 889

Delta R.T. 0.01 min

Lab File: VV018843.D

Acq: 10 Oct 2020 19:22

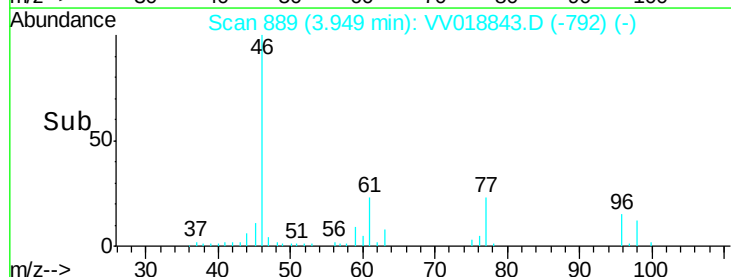
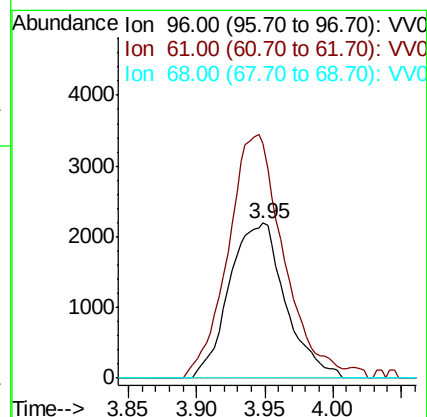
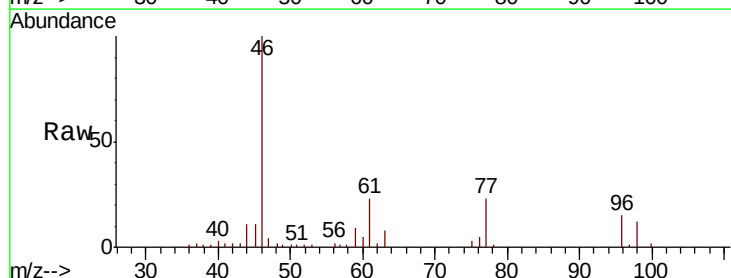
Tgt Ion: 96 Resp: 6262

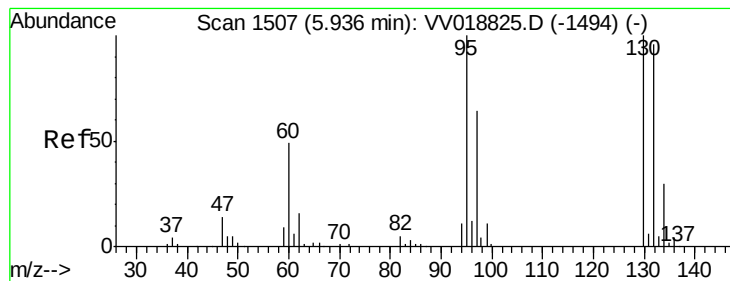
Ion Ratio Lower Upper

96 100

61 151.2 97.3 180.7

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.858 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018843.D

Acq: 10 Oct 2020 19:22

Instrument :

MSVOA_V

ClientSampleId :

C0AH1

Tot Ion: 95 Resp: 2200

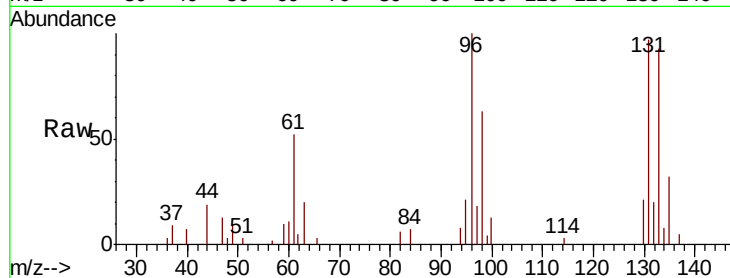
Ion Ratio Lower Upper

95 100

97 86.6 45.1 83.9#

132 97.4 66.2 123.0

130 99.5 69.1 128.3

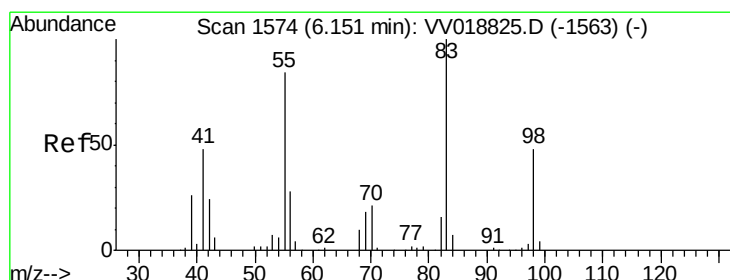
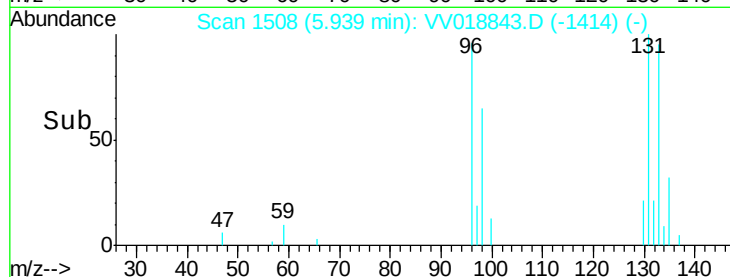
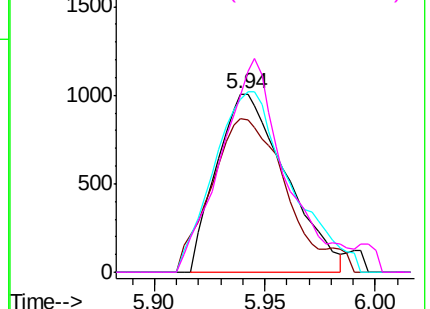


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 10.134 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018843.D

Acq: 10 Oct 2020 19:22

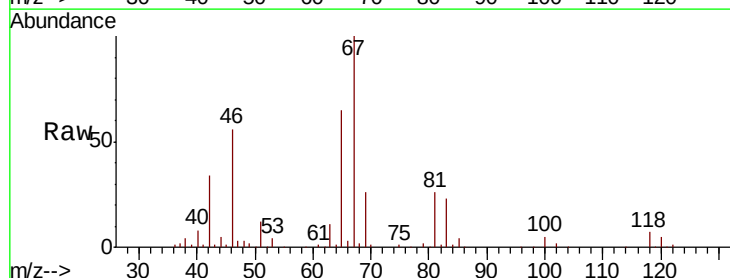
Tgt Ion: 83 Resp: 31787

Ion Ratio Lower Upper

83 100

55 0.4 67.0 100.4#

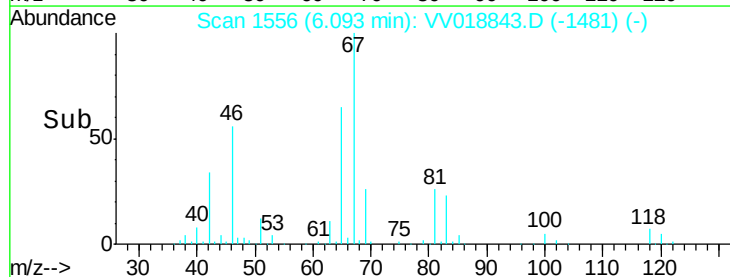
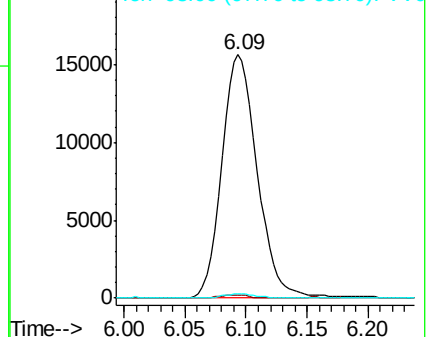
98 1.6 38.8 58.2#

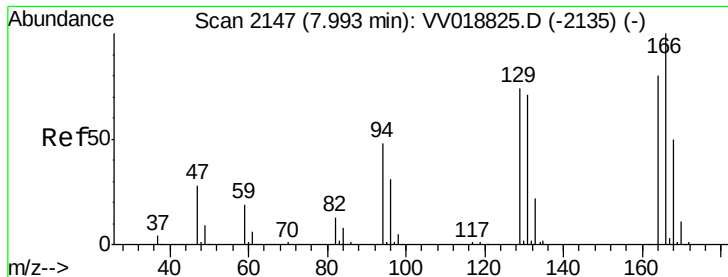


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#46

Tetrachloroethene

Concen: 1.400 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV018843.D

Acq: 10 Oct 2020 19:22

Instrument :

MSVOA_V

ClientSampleId :

C0AH1

Tot Ion:164 Resp: 2630

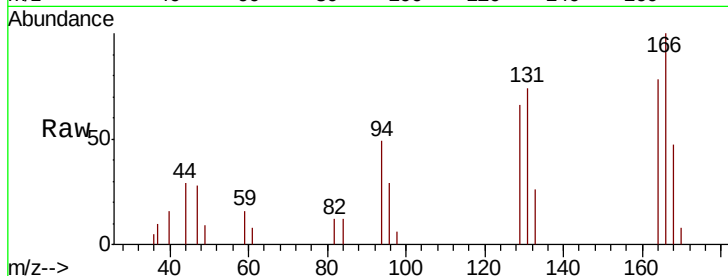
Ion Ratio Lower Upper

164 100

129 83.8 64.6 120.0

131 94.4 63.6 118.0

166 127.9 88.3 164.1

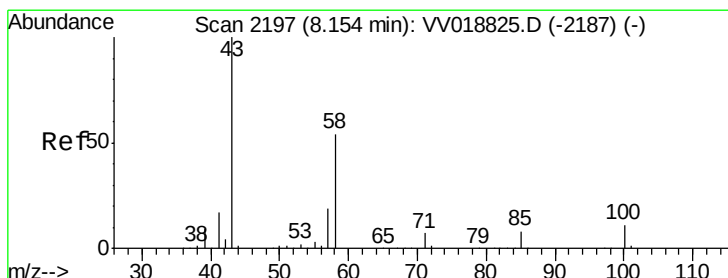
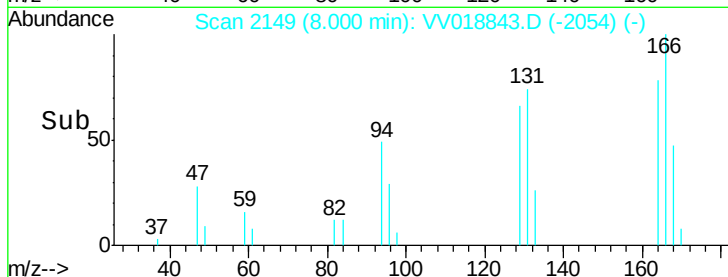
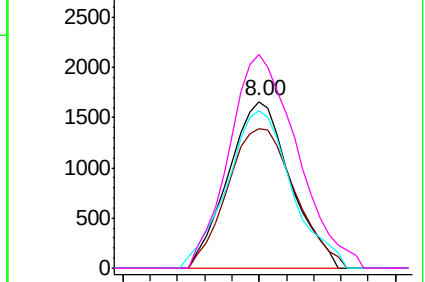


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.278 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.01 min

Lab File: VV018843.D

Acq: 10 Oct 2020 19:22

Tgt Ion: 43 Resp: 13247

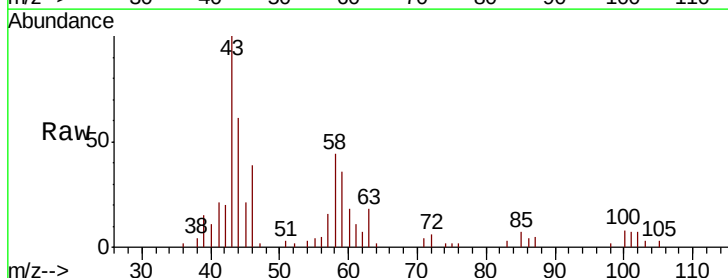
Ion Ratio Lower Upper

43 100

58 29.9 41.8 62.8#

57 12.1 14.9 22.3#

100 3.7 9.2 13.8#

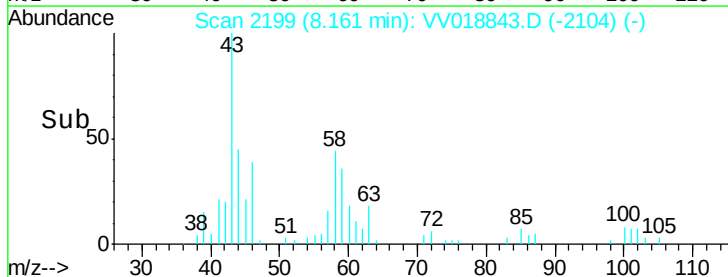
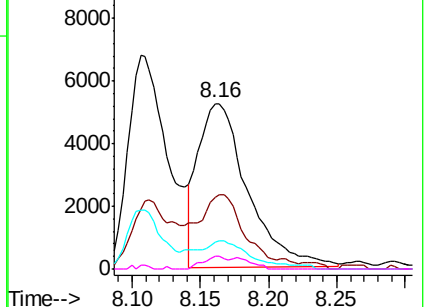


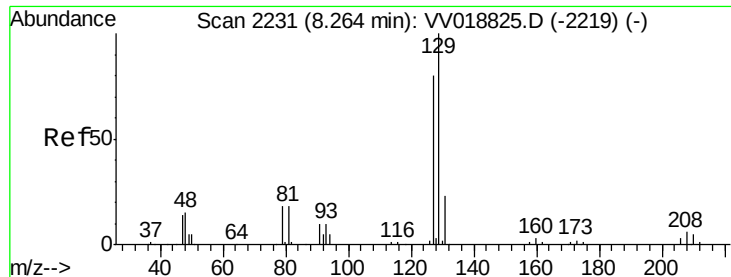
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#49

Dibromochloromethane

Concen: 0.997 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. -0.26 min

Lab File: VV018843.D

Acq: 10 Oct 2020 19:22

Instrument :

MSVOA_V

ClientSampleId :

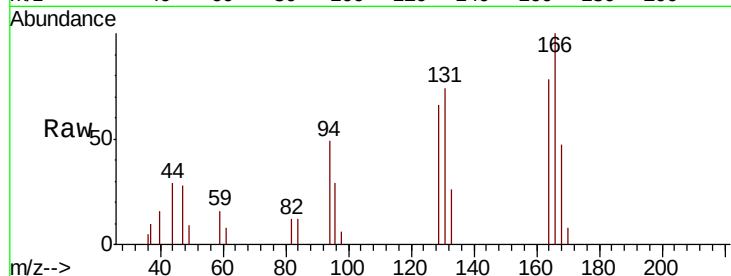
C0AH1

Tot Ion:129 Resp: 2394

Ion Ratio Lower Upper

129 100

127 0.0 55.3 102.7#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.00

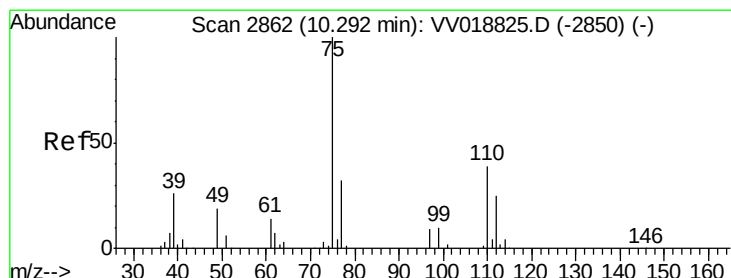
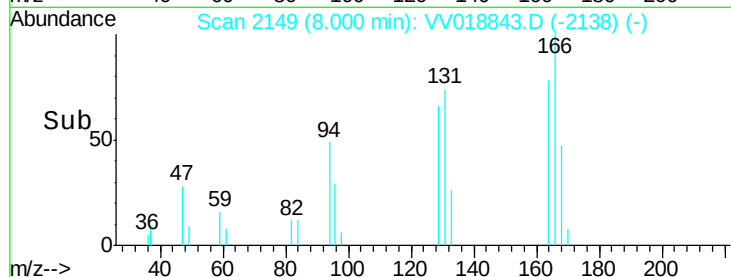
1500

1000

500

0

Time--> 7.95 8.00 8.05



#59

1,2,3-Trichloropropane

Concen: 6.022 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018843.D

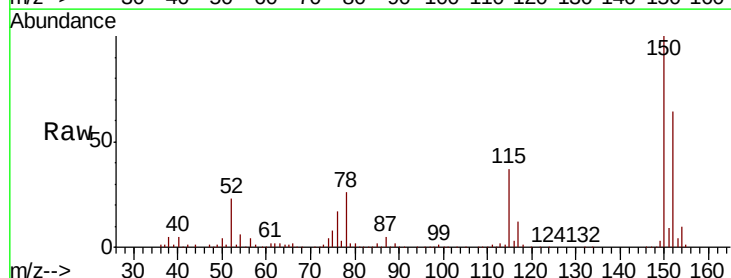
Acq: 10 Oct 2020 19:22

Tgt Ion: 75 Resp: 17530

Ion Ratio Lower Upper

75 100

77 40.2 25.9 38.9#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

11.27

10000

5000

0

Time--> 11.20 11.25 11.30

