

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091720\
 Data File : VV018291.D
 Acq On : 17 Sep 2020 19:52
 Operator : SY/MD
 Sample : L4043-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE2

Quant Time: Sep 18 06:20:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 18 06:17:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	283374	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	281084	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	134699	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80984	35.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.14%
7) Chloroethane-d5	1.58	69	72440	38.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.66%
11) 1,1-Dichloroethene-d2	2.12	63	123060	29.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.10%#
21) 2-Butanone-d5	3.92	46	119887	84.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.81%
24) Chloroform-d	4.38	84	164898	41.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.30%
26) 1,2-Dichloroethane-d4	5.06	65	110136	42.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.76%
32) Benzene-d6	5.08	84	328695	40.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.70%
36) 1,2-Dichloropropane-d6	6.09	67	106361	41.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.20%
41) Toluene-d8	7.34	98	289861	39.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.06%#
43) trans-1,3-Dichloropropene-	7.64	79	50882	39.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.32%
47) 2-Hexanone-d5	8.11	63	85247	88.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.02%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	140685	43.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.68%
64) 1,2-Dichlorobenzene-d4	11.65	152	124770	45.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

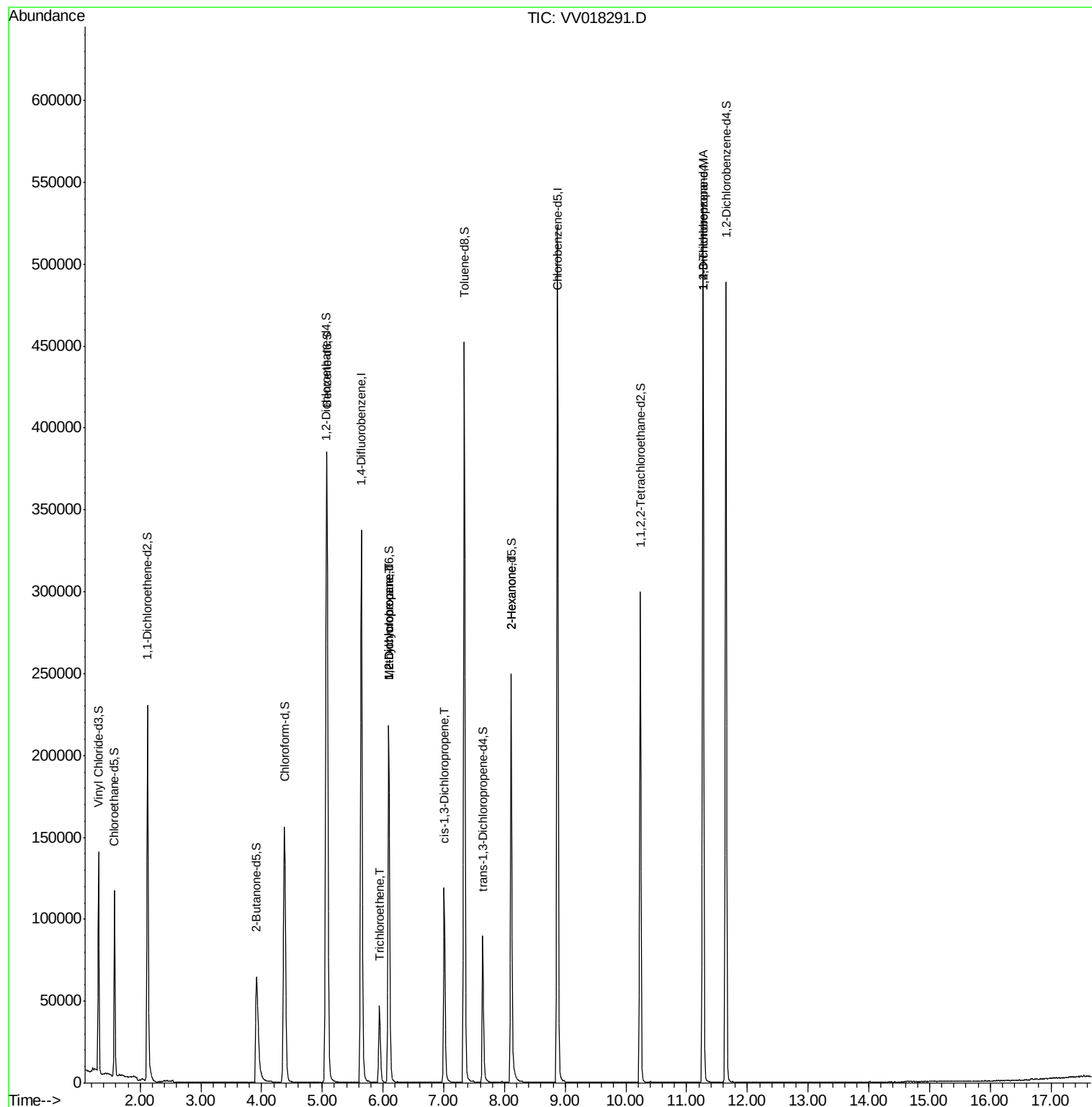
					Ovalue
34) Trichloroethene	5.94	95	16357	7.472 ug/L	97
35) Methylcyclohexane	6.09	83	25331	7.685 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	11602	5.448 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2903	0.885 ug/L #	73
48) 2-Hexanone	8.11	43	10151	4.984 ug/L #	68
59) 1,2,3-Trichloropropane	11.27	75	15341	6.125 ug/L	92

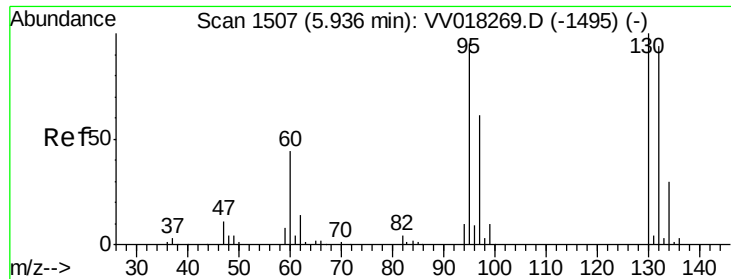
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#34

Trichloroethene

Concen: 7.472 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV018291.D

Acq: 17 Sep 2020 19:52

Instrument :

MSVOA_V

ClientSampleId :

C0AE2

Tot Ion: 95 Resp: 16357

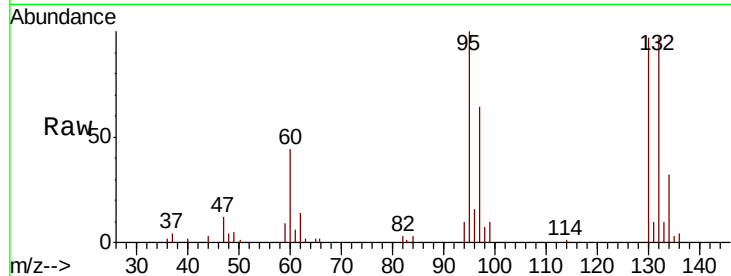
Ion Ratio Lower Upper

95 100

97 64.1 46.3 85.9

132 96.8 68.1 126.5

130 96.8 71.5 132.9



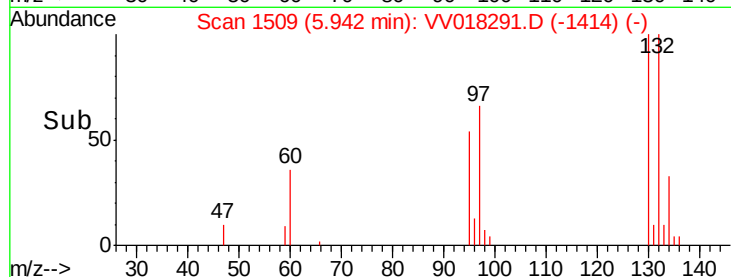
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

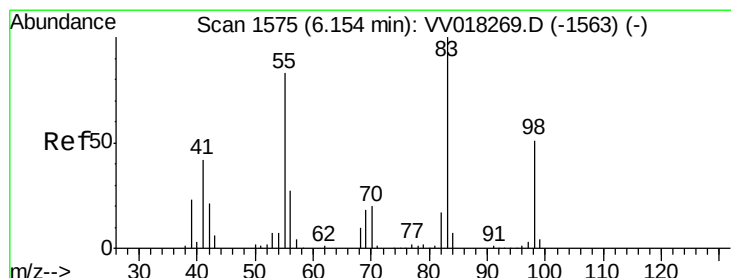
Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0

Time-->



Time-->



#35

Methylcyclohexane

Concen: 7.685 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018291.D

Acq: 17 Sep 2020 19:52

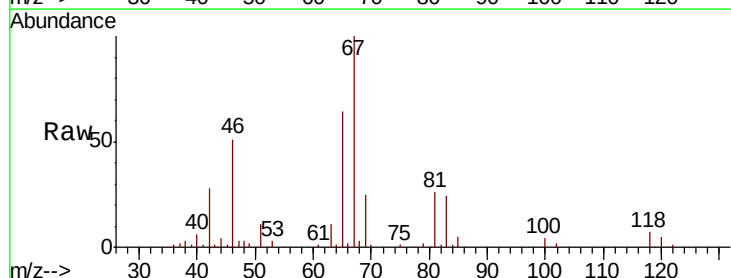
Tgt Ion: 83 Resp: 25331

Ion Ratio Lower Upper

83 100

55 0.4 63.4 95.2#

98 1.4 38.8 58.2#

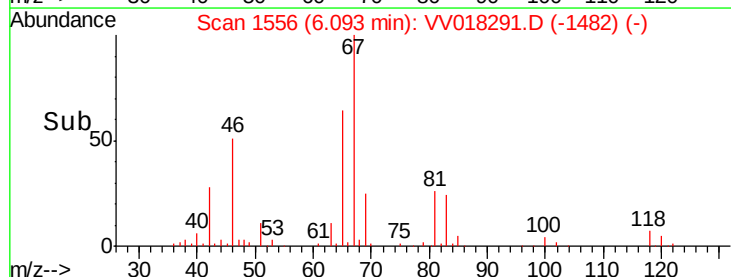


Abundance Ion 83.00 (82.70 to 83.70): VV0

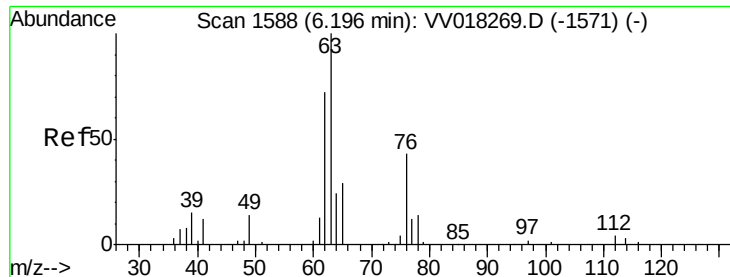
Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

Time-->



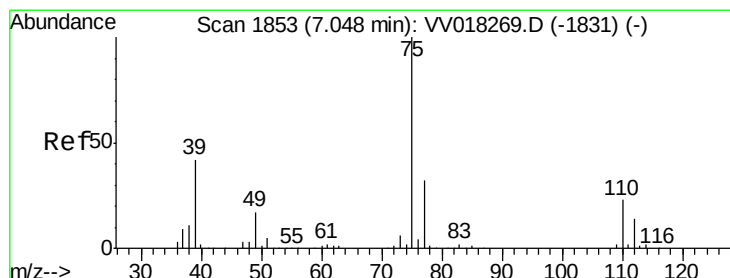
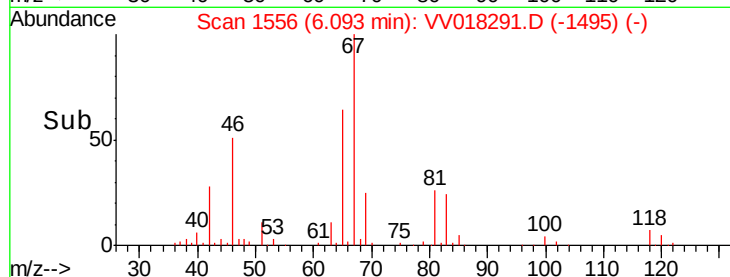
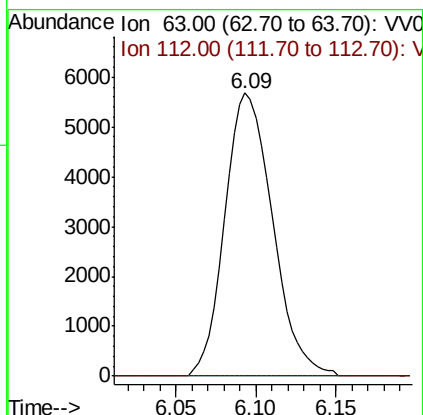
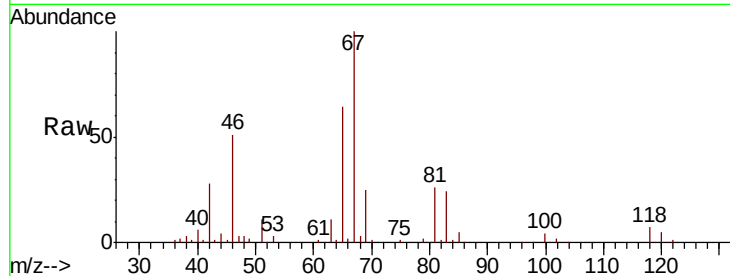
Time-->



#37
 1,2-Dichloropropane
 Concen: 5.448 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018291.D
 Acq: 17 Sep 2020 19:52

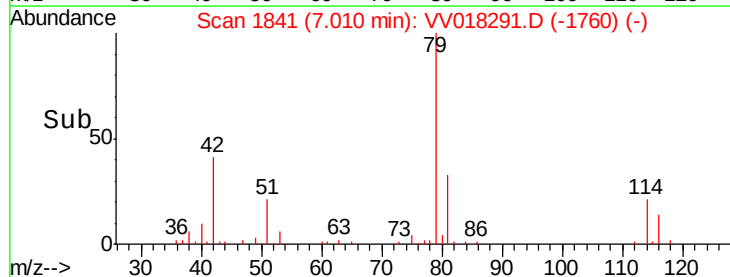
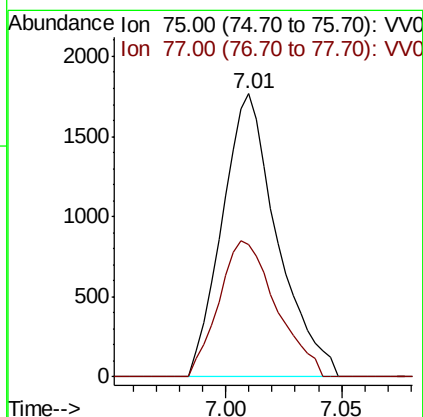
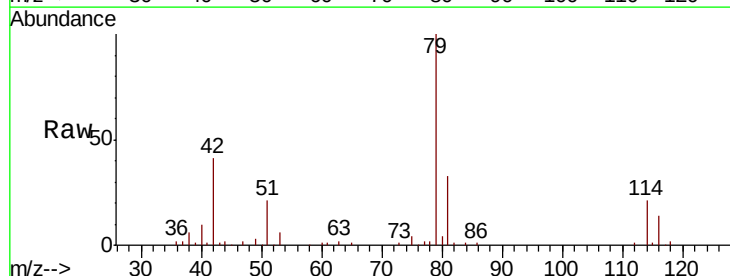
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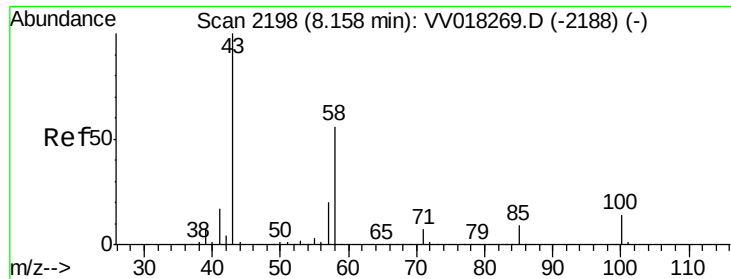
Tot Ion: 63 Resp: 11602
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.885 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018291.D
 Acq: 17 Sep 2020 19:52

Tgt Ion: 75 Resp: 2903
 Ion Ratio Lower Upper
 75 100
 77 46.5 22.3 41.3#

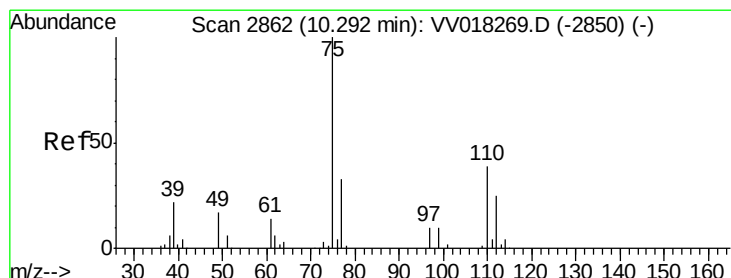
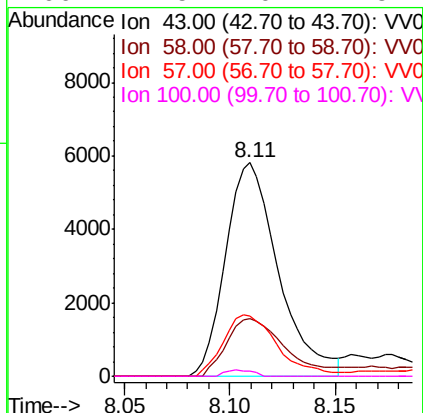
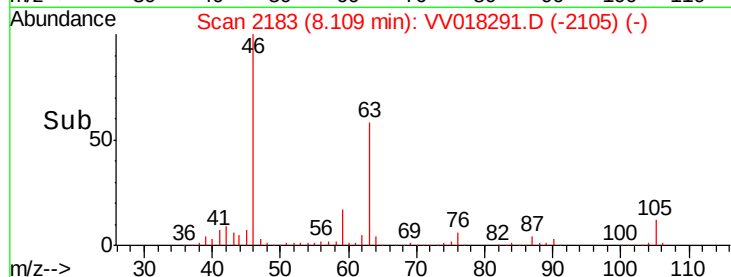
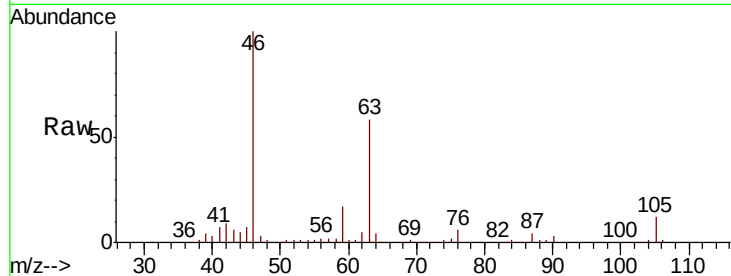




#48
 2-Hexanone
 Concen: 4.984 ug/L
 RT: 8.11 min Scan# 2183
 Delta R.T. -0.05 min
 Lab File: VV018291.D
 Acq: 17 Sep 2020 19:52

Instrument :
 MSVOA_V
 ClientSampled :
 C0AE2

Tot Ion:	43	Resp:	10151
Ion	Ratio	Lower	Upper
43	100		
58	29.3	44.8	67.2#
57	29.4	15.8	23.6#
100	1.5	10.2	15.4#



#59
 1,2,3-Trichloropropane
 Concen: 6.125 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018291.D
 Acq: 17 Sep 2020 19:52

Tgt Ion:	75	Resp:	15341
Ion	Ratio	Lower	Upper
75	100		
77	36.6	25.8	38.6

