

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091720\
 Data File : VV018305.D
 Acq On : 18 Sep 2020 01:31
 Operator : SY/MD
 Sample : L4043-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG5

Quant Time: Sep 18 08:07:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 18 08:05:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	280348	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	280825	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	134200	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	73329	32.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.20%
7) Chloroethane-d5	1.58	69	67323	36.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.02%
11) 1,1-Dichloroethene-d2	2.12	63	115192	27.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.98%#
21) 2-Butanone-d5	3.92	46	117939	84.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.34%
24) Chloroform-d	4.38	84	160047	40.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.76%
26) 1,2-Dichloroethane-d4	5.06	65	106115	41.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.52%
32) Benzene-d6	5.08	84	315436	39.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.48%
36) 1,2-Dichloropropane-d6	6.09	67	102784	40.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.48%
41) Toluene-d8	7.34	98	278749	38.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.10%#
43) trans-1,3-Dichloropropene-	7.64	79	47942	36.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.86%
47) 2-Hexanone-d5	8.11	63	81123	83.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.84%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	135559	42.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.56%
64) 1,2-Dichlorobenzene-d4	11.65	152	121657	44.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.28%

Target Compounds

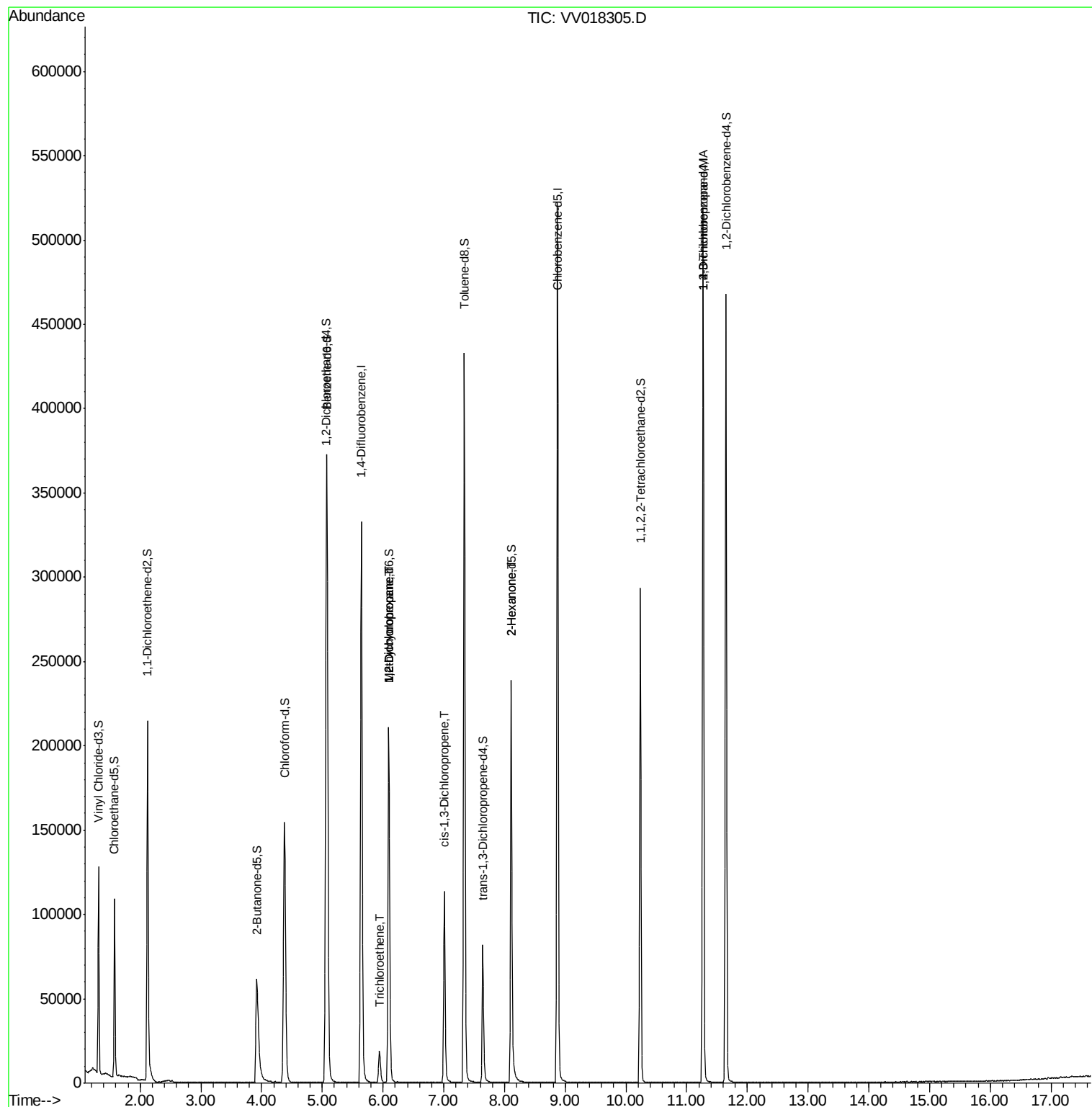
					Ovalue
34) Trichloroethene	5.94	95	5863	2.681 ug/L	96
35) Methylcyclohexane	6.09	83	24565	7.459 ug/L #	17
37) 1,2-Dichloropropane	6.10	63	11187	5.258 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2658	0.811 ug/L #	72
48) 2-Hexanone	8.11	43	9575	4.705 ug/L #	71
59) 1,2,3-Trichloropropane	11.27	75	14959	5.978 ug/L #	88

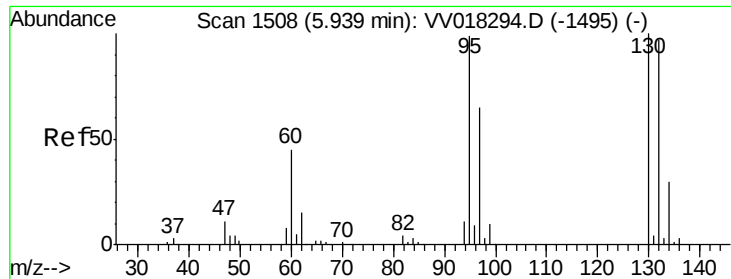
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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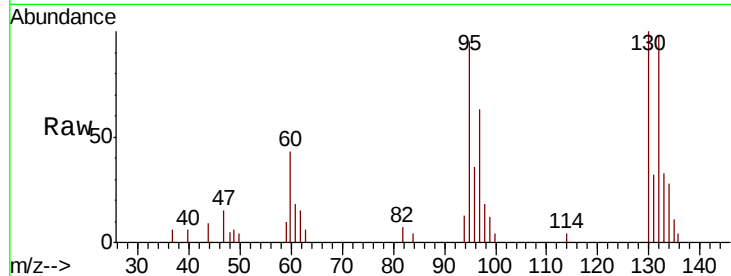




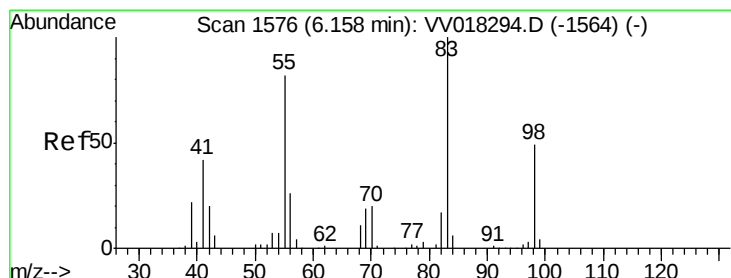
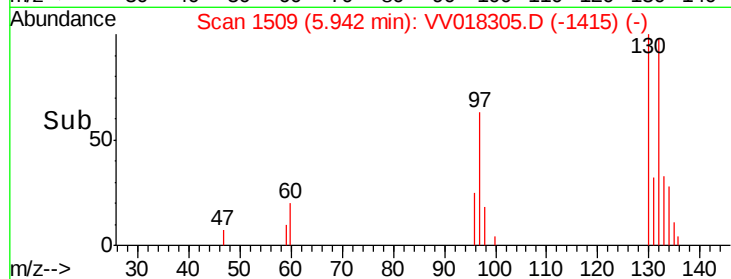
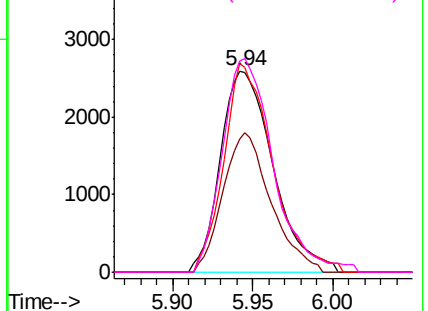
#34
 Trichloroethene
 Concen: 2.681 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VV018305.D
 Acq: 18 Sep 2020 01:31

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG5

Tot Ion: 95 Resp: 5863
 Ion Ratio Lower Upper
 95 100
 97 66.4 46.3 85.9
 132 103.6 68.1 126.5
 130 105.2 71.5 132.9

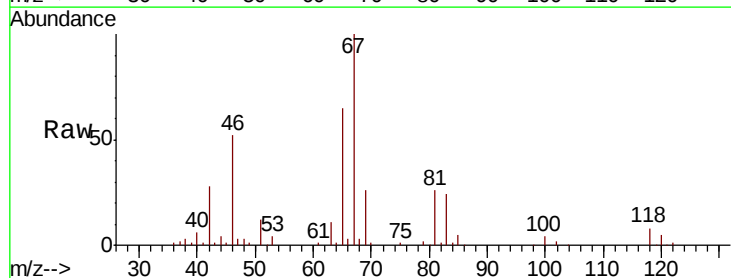


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

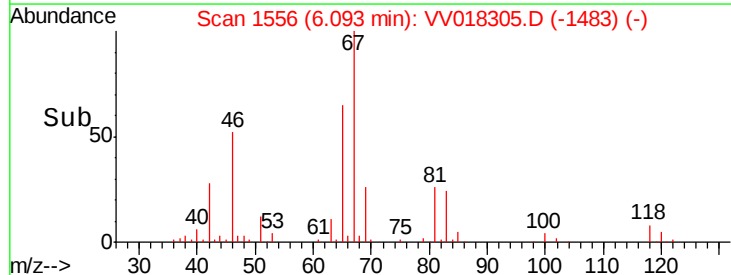
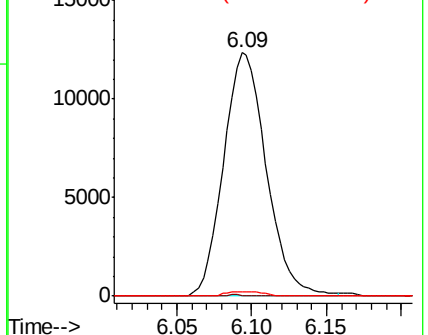


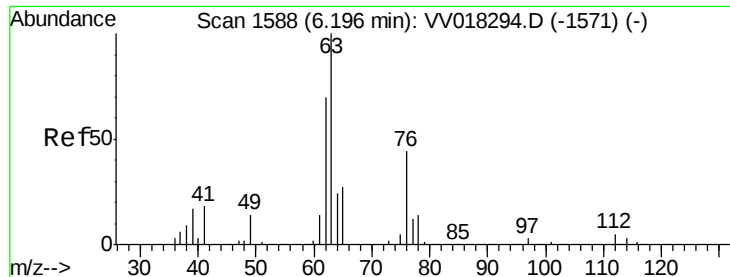
#35
 Methylcyclohexane
 Concen: 7.459 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV018305.D
 Acq: 18 Sep 2020 01:31

Tgt Ion: 83 Resp: 24565
 Ion Ratio Lower Upper
 83 100
 55 0.0 63.4 95.2#
 98 1.0 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

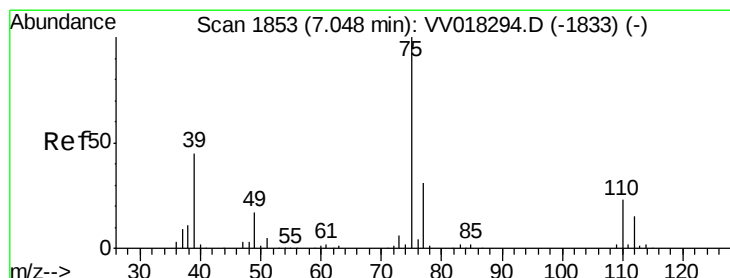
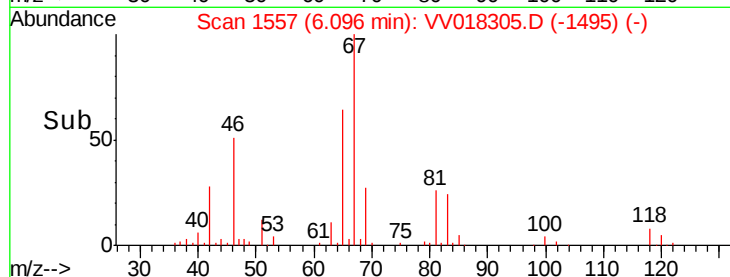
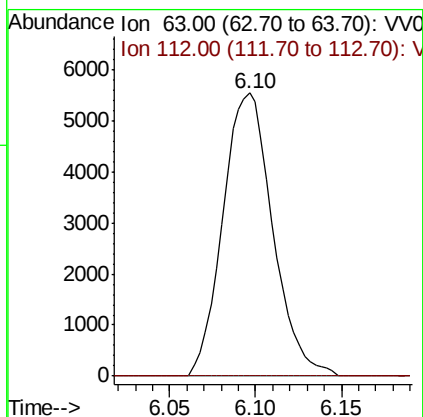
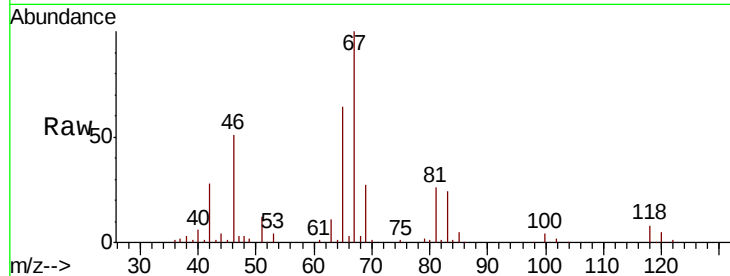




#37
 1,2-Dichloropropane
 Concen: 5.258 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV018305.D
 Acq: 18 Sep 2020 01:31

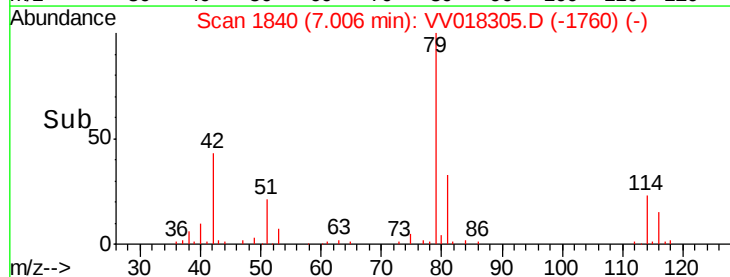
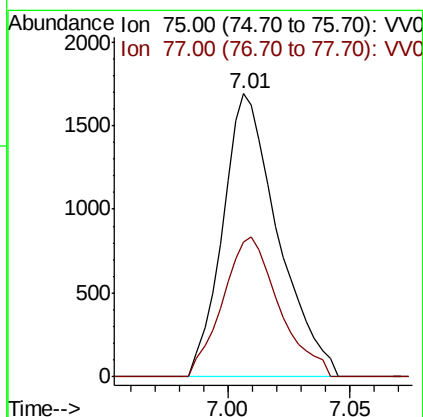
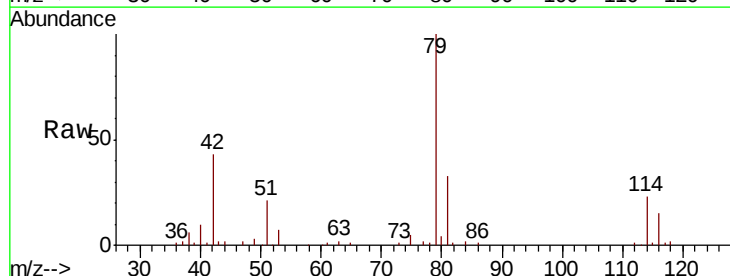
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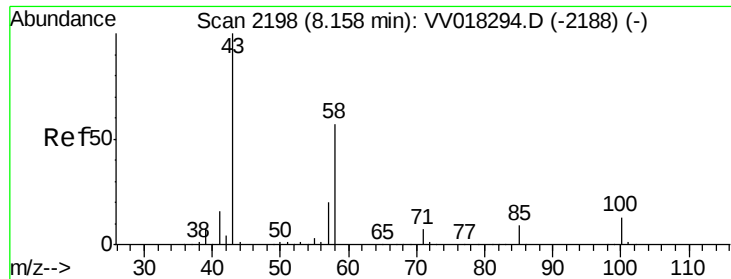
Tot Ion: 63 Resp: 11187
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.811 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018305.D
 Acq: 18 Sep 2020 01:31

Tgt Ion: 75 Resp: 2658
 Ion Ratio Lower Upper
 75 100
 77 47.5 22.3 41.3#

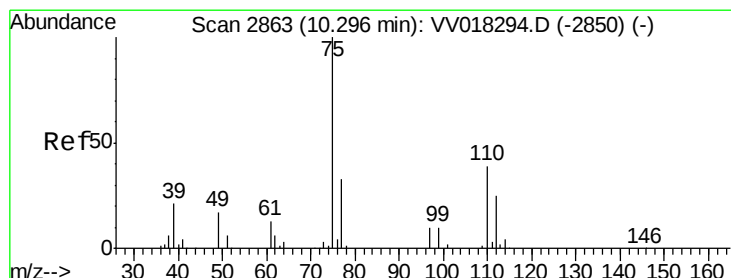
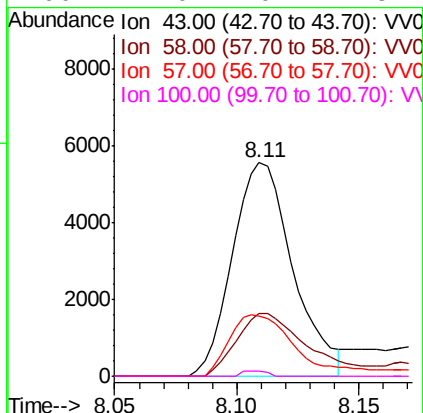
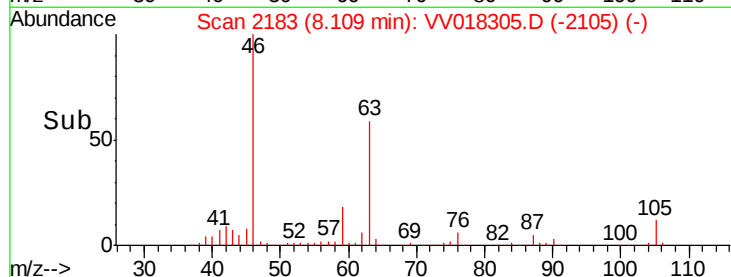
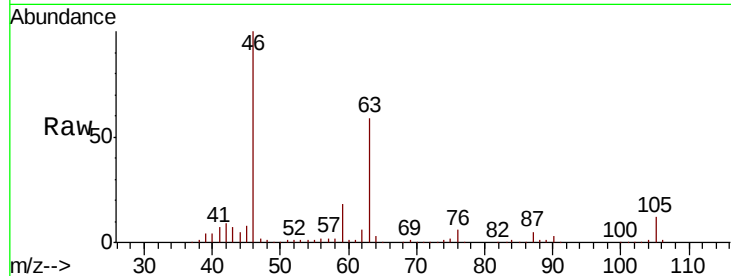




#48
2-Hexanone
Concen: 4.705 ug/L
RT: 8.11 min Scan# 2183
Delta R.T. -0.05 min
Lab File: VV018305.D
Acq: 18 Sep 2020 01:31

Instrument :
MSVOA_V
ClientSampleId :
C0AG5

Tot Ion: 43 Resp: 9575
Ion Ratio Lower Upper
43 100
58 35.1 44.8 67.2#
57 32.4 15.8 23.6#
100 1.0 10.2 15.4#



#59
1,2,3-Trichloropropane
Concen: 5.978 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.97 min
Lab File: VV018305.D
Acq: 18 Sep 2020 01:31

Tgt Ion: 75 Resp: 14959
Ion Ratio Lower Upper
75 100
77 38.7 25.8 38.6#

