

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017940.D
 Acq On : 12 Aug 2020 21:27
 Operator : SY/MD
 Sample : VV0812WBL02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK76

Quant Time: Aug 13 06:00:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 05:58:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	256012	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	251307	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	112546	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	90823	46.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.00%
7) Chloroethane-d5	1.58	69	77713	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.26%
11) 1,1-Dichloroethene-d2	2.12	63	133426	35.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.42%
21) 2-Butanone-d5	3.92	46	123351	96.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.42%
24) Chloroform-d	4.38	84	165956	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.34%
26) 1,2-Dichloroethane-d4	5.06	65	114083	49.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.80%
32) Benzene-d6	5.08	84	331461	47.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.72%
36) 1,2-Dichloropropane-d6	6.09	67	108771	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.08%
41) Toluene-d8	7.34	98	288109	46.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.52%
43) trans-1,3-Dichloropropene-	7.64	79	44295	43.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.26%
47) 2-Hexanone-d5	8.11	63	57710	79.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.42%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	128462	43.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	113053	51.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.08%

Target Compounds

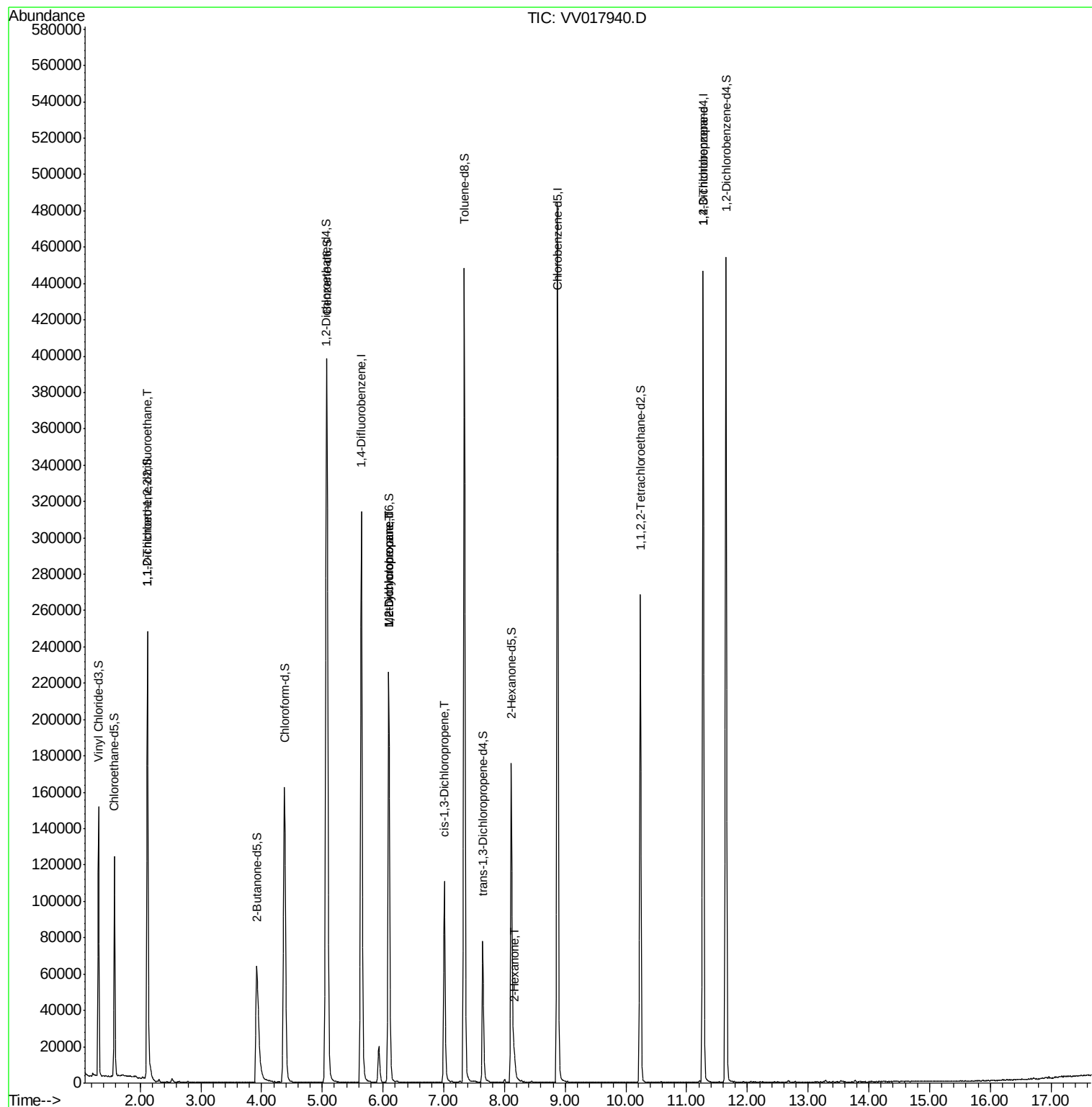
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1314	0.724 ug/L #	20
35) Methylcyclohexane	6.09	83	26197	8.572 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	12171	5.740 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2639	0.878 ug/L #	59
48) 2-Hexanone	8.16	43	8802	3.938 ug/L #	84
59) 1,2,3-Trichloropropane	11.27	75	13677	5.223 ug/L	93

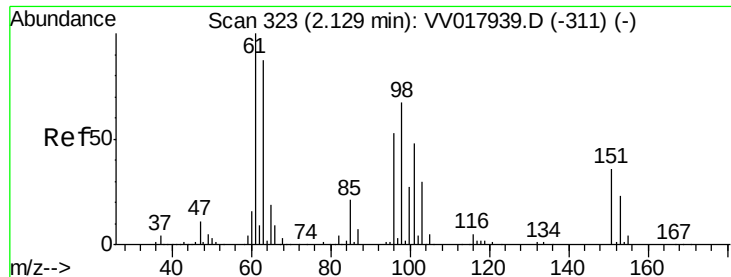
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 13 05:58:58 2020
Response via : Initial Calibration





#10

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

Concen: 0.724 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017940.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_V

ClientSampleId :

VBLK76

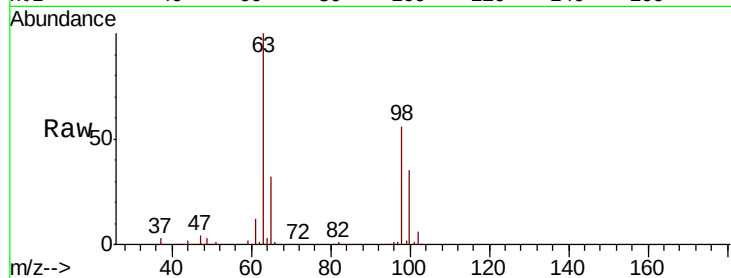
Tot Ion:101 Resp: 1314

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

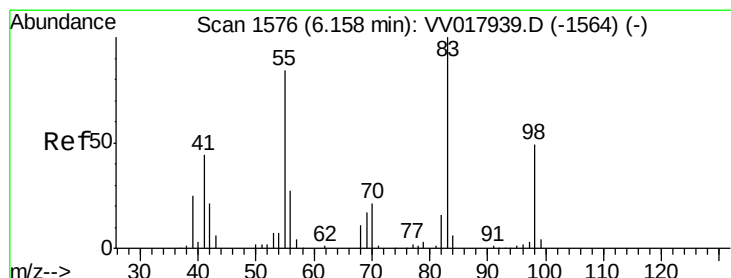
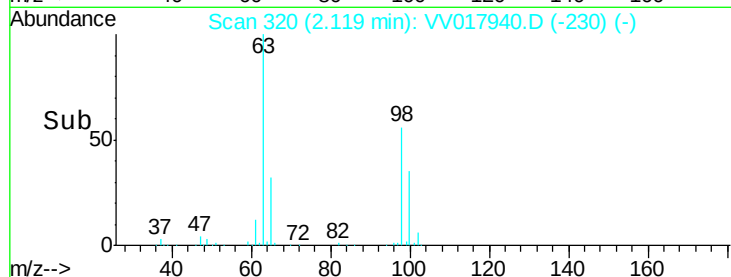
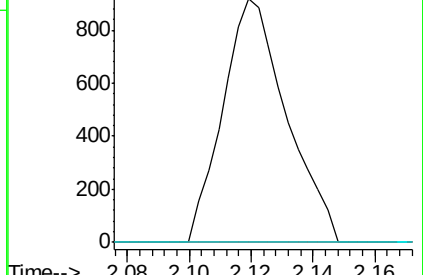
151 0.0 59.1 88.7#



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



#35

Methylcyclohexane

Concen: 8.572 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV017940.D

Acq: 12 Aug 2020 21:27

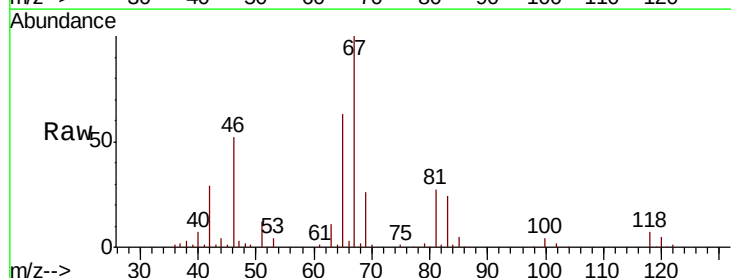
Tgt Ion: 83 Resp: 26197

Ion Ratio Lower Upper

83 100

55 0.0 64.9 97.3#

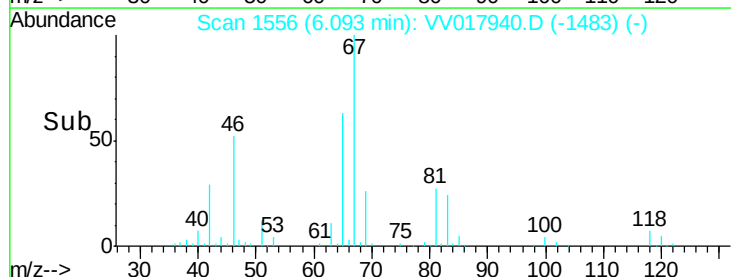
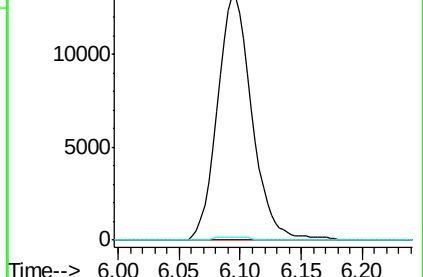
98 1.2 38.7 58.1#

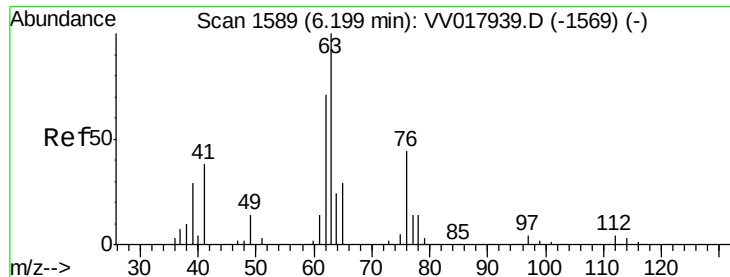


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

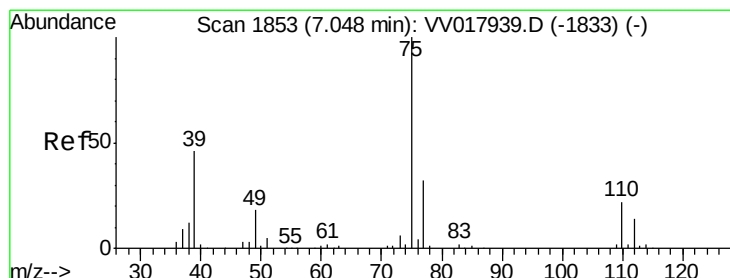
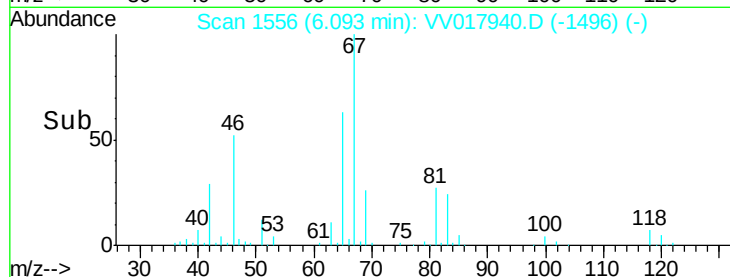
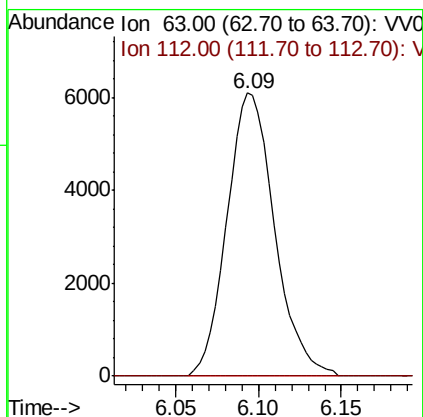
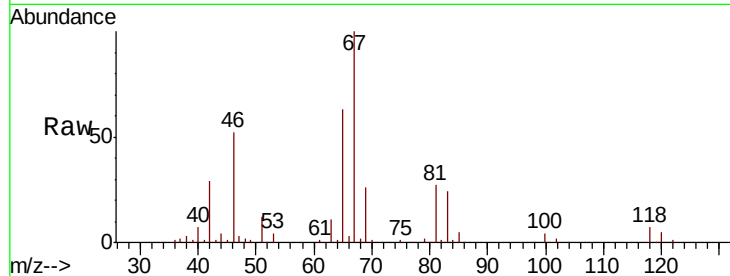




#37
 1,2-Dichloropropane
 Concen: 5.740 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.11 min
 Lab File: VV017940.D
 Acq: 12 Aug 2020 21:27

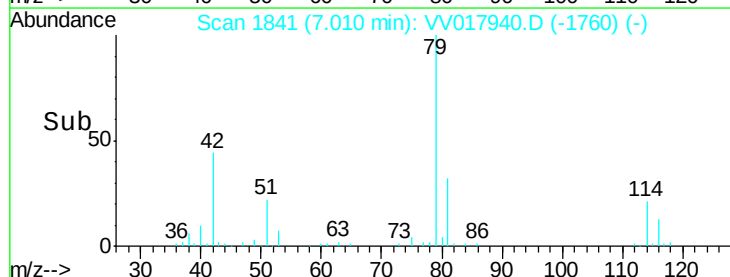
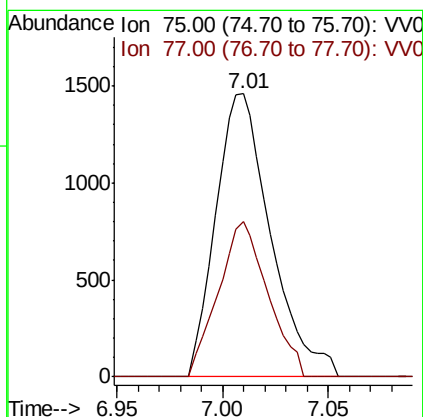
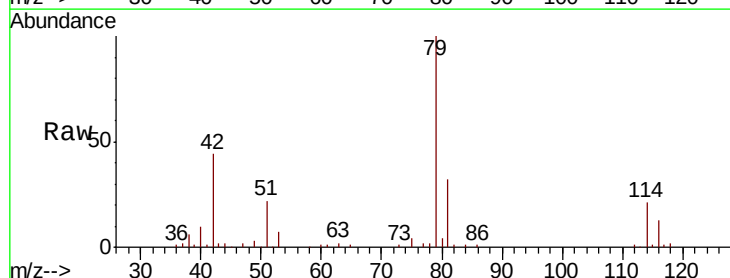
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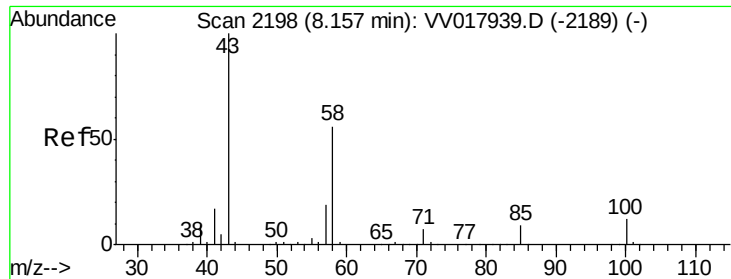
Tot Ion: 63 Resp: 12171
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.878 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV017940.D
 Acq: 12 Aug 2020 21:27

Tgt Ion: 75 Resp: 2639
 Ion Ratio Lower Upper
 75 100
 77 54.7 22.3 41.5#

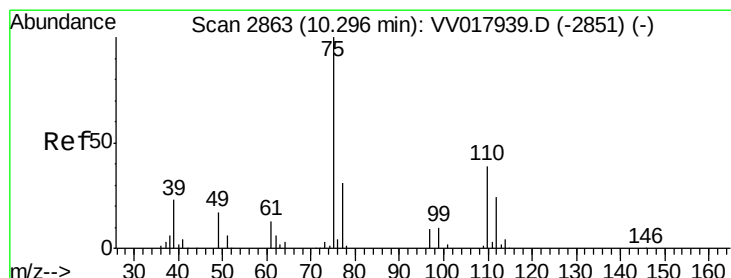
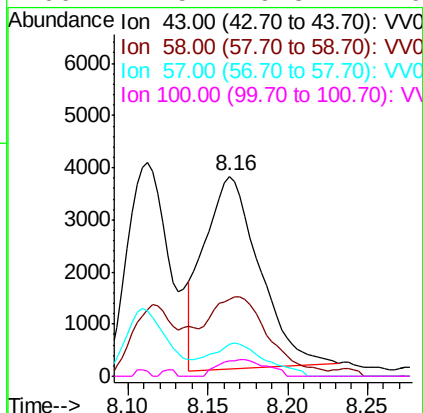
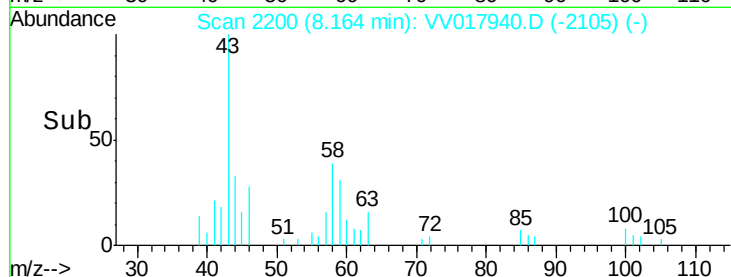
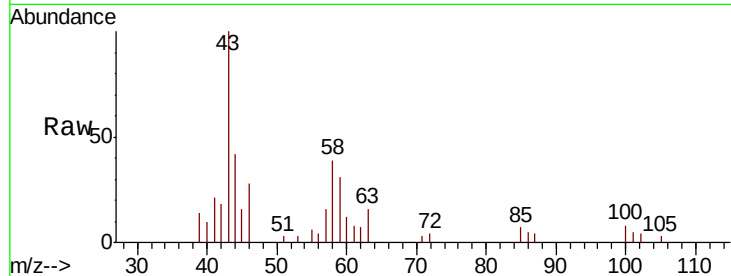




#48
2-Hexanone
Concen: 3.938 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV017940.D
Acq: 12 Aug 2020 21:27

Instrument :
MSVOA_V
ClientSampleId :
VBLK76

Tot Ion: 43 Resp: 8802
Ion Ratio Lower Upper
43 100
58 42.0 44.4 66.6#
57 13.7 15.2 22.8#
100 7.5 9.8 14.6#



#59
1,2,3-Trichloropropane
Concen: 5.223 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.97 min
Lab File: VV017940.D
Acq: 12 Aug 2020 21:27

Tgt Ion: 75 Resp: 13677
Ion Ratio Lower Upper
75 100
77 36.1 25.7 38.5

