

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100820\
 Data File : VV018761.D
 Acq On : 08 Oct 2020 13:38
 Operator : SY/MD
 Sample : L4235-22
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AT6

Quant Time: Oct 09 07:17:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 09 07:09:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	294987	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	276137	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	130513	50.00	ug/L	0.00

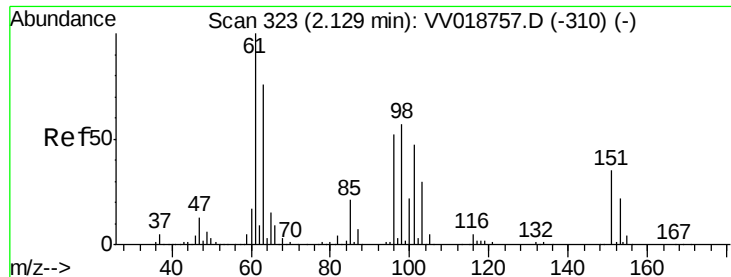
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94375	54.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.10%
7) Chloroethane-d5	1.58	69	91888	64.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	128.48%
11) 1,1-Dichloroethene-d2	2.12	63	164076	46.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.10%
21) 2-Butanone-d5	3.91	46	158066	122.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.49%
24) Chloroform-d	4.38	84	223380	59.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.42%
26) 1,2-Dichloroethane-d4	5.06	65	161692	68.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	136.16%#
32) Benzene-d6	5.07	84	452143	64.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	129.28%#
36) 1,2-Dichloropropane-d6	6.09	67	136708	64.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	129.38%#
41) Toluene-d8	7.34	98	360762	54.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.66%
43) trans-1,3-Dichloropropene-	7.64	79	62779	54.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.98%
47) 2-Hexanone-d5	8.11	63	69615	86.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.72%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	135404	48.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	150505	59.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.92%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1391	0.725	ug/L #	17
13) Acetone	2.19	43	14695	13.180	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	3221	1.438	ug/L	85
34) Trichloroethene	5.94	95	4101	1.741	ug/L	92
39) cis-1,3-Dichloropropene	7.01	75	3800	1.164	ug/L #	52
46) Tetrachloroethene	8.00	164	5017	2.626	ug/L	91
48) 2-Hexanone	8.16	43	17782	8.486	ug/L #	90
59) 1,2,3-Trichloropropane	11.27	75	15660	6.186	ug/L #	86

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



#10

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

Concen: 0.725 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

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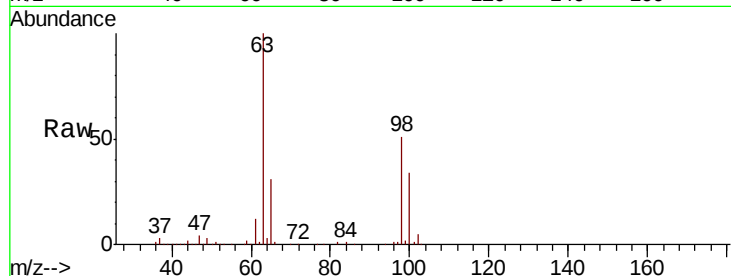
Tot Ion:101 Resp: 1391

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

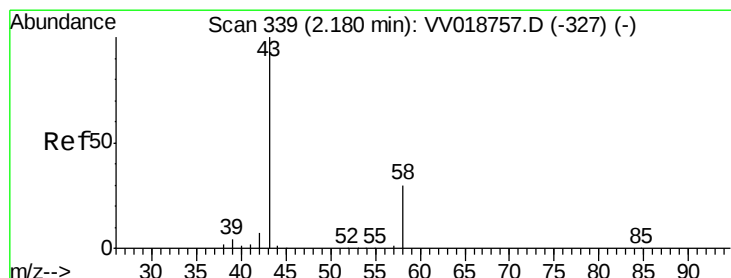
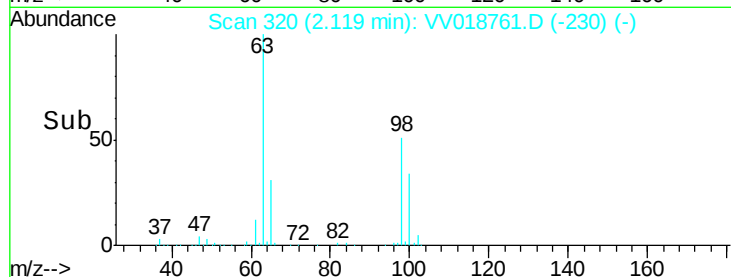
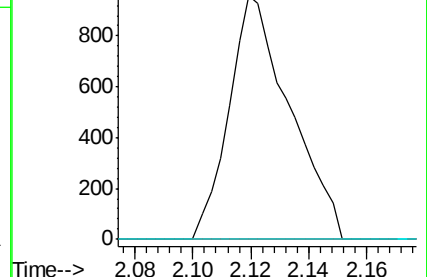
151 0.0 64.3 96.5#



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



#13

Acetone

Concen: 13.180 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV018761.D

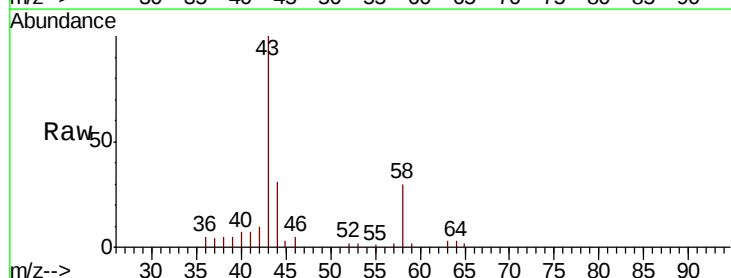
Acq: 08 Oct 2020 13:38

Tgt Ion: 43 Resp: 14695

Ion Ratio Lower Upper

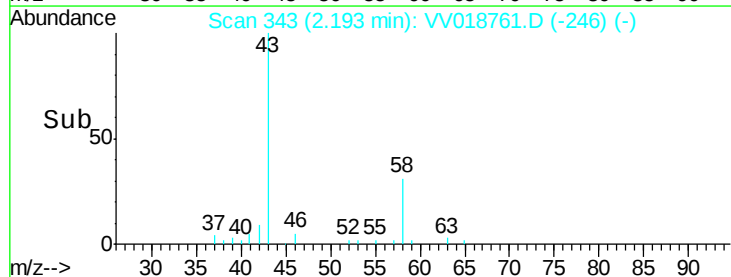
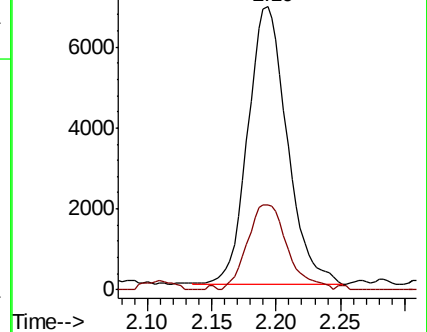
43 100

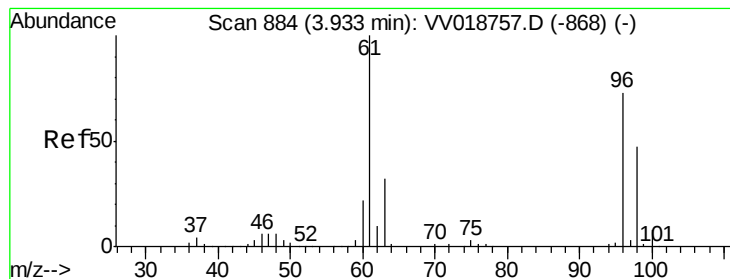
58 31.0 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#20

cis-1,2-Dichloroethene

Concen: 1.438 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV018761.D

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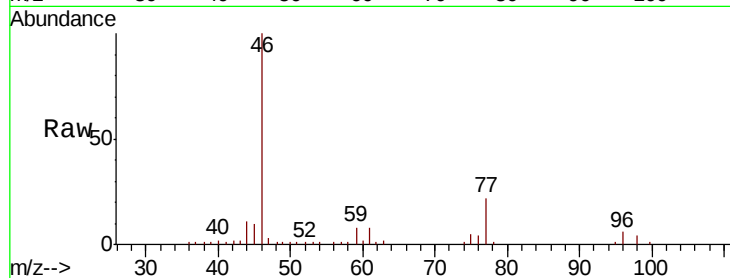
Tot Ion: 96 Resp: 3221

Ion Ratio Lower Upper

96 100

61 141.5 86.8 161.2

68 0.0 0.0 0.0

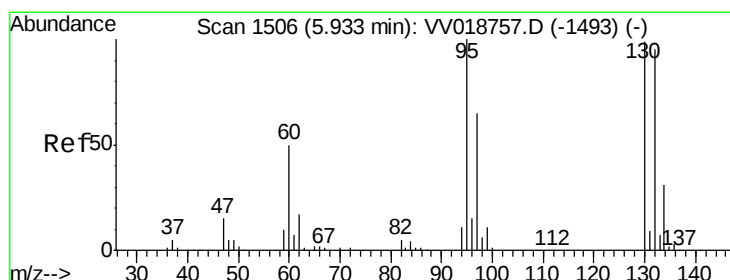
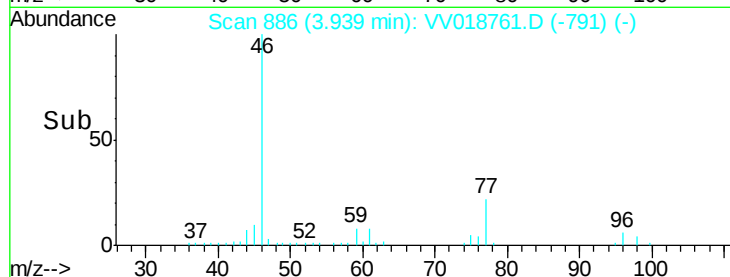
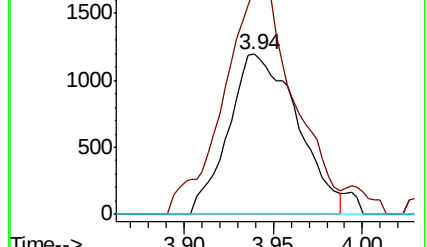


Abundance Ion 96.00 (95.70 to 96.70): VV018757.D (-868) (-)

Ion 61.00 (60.70 to 61.70): VV018757.D (-868) (-)

Ion 68.00 (67.70 to 68.70): VV018757.D (-868) (-)

Time-->



#34

Trichloroethene

Concen: 1.741 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV018761.D

Acq: 08 Oct 2020 13:38

Tgt Ion: 95 Resp: 4101

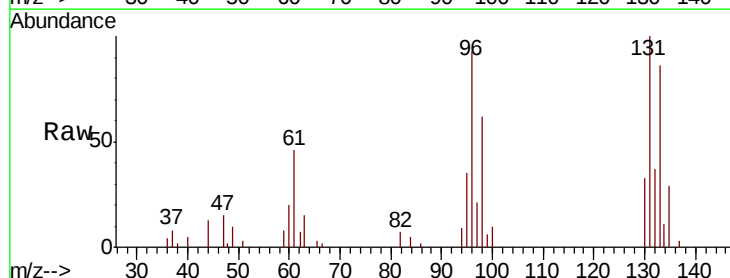
Ion Ratio Lower Upper

95 100

97 61.0 45.9 85.3

132 104.5 70.8 131.4

130 94.0 75.3 139.8



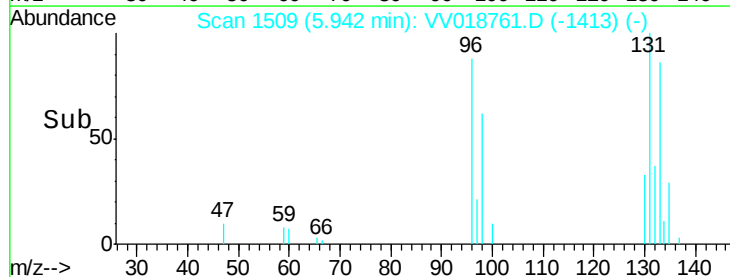
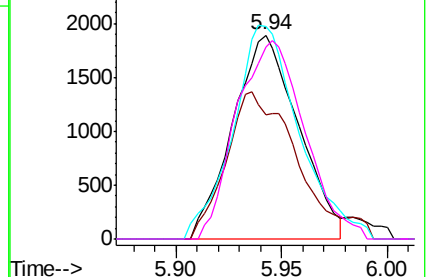
Abundance Ion 95.00 (94.70 to 95.70): VV018757.D (-1493) (-)

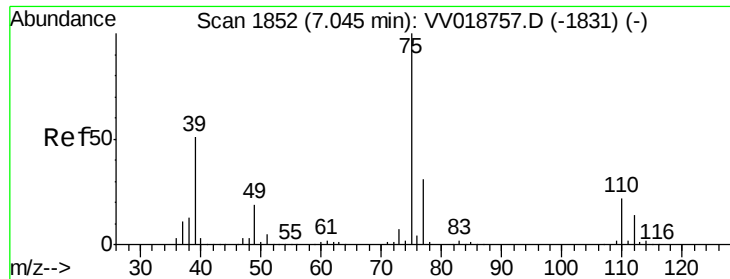
Ion 97.00 (96.70 to 97.70): VV018757.D (-1493) (-)

Ion 132.00 (131.70 to 132.70): VV018757.D (-1493) (-)

Ion 130.00 (129.70 to 130.70): VV018757.D (-1493) (-)

Time-->

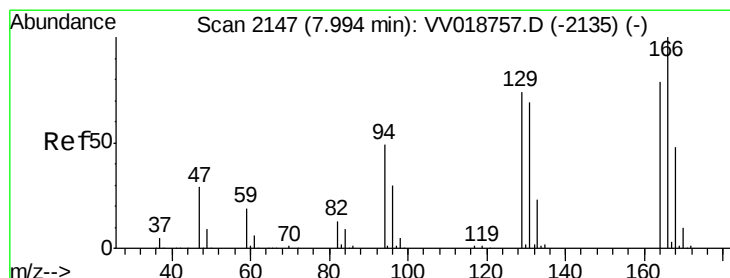
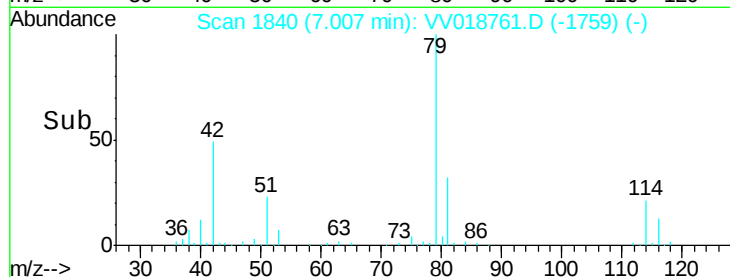
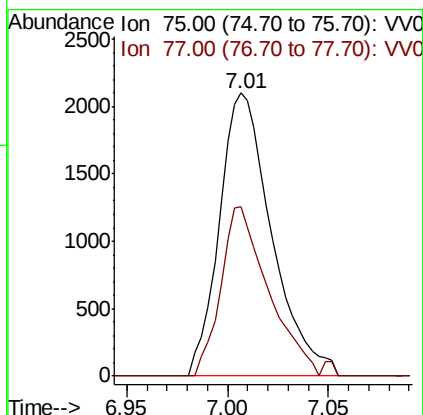
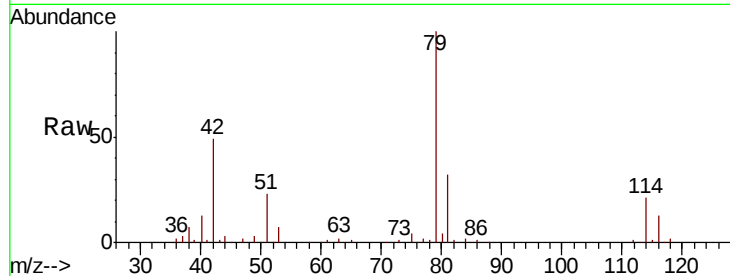




#39
 cis-1,3-Dichloropropene
 Concen: 1.164 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018761.D
 Acq: 08 Oct 2020 13:38

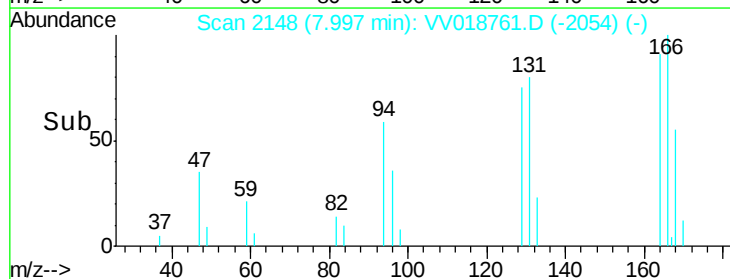
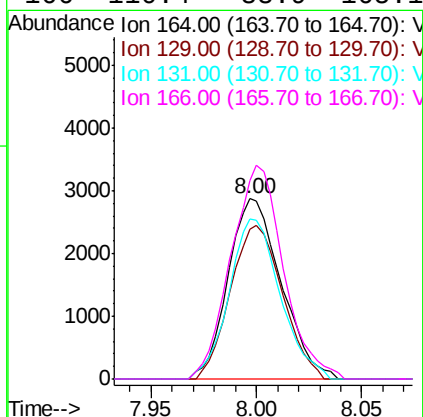
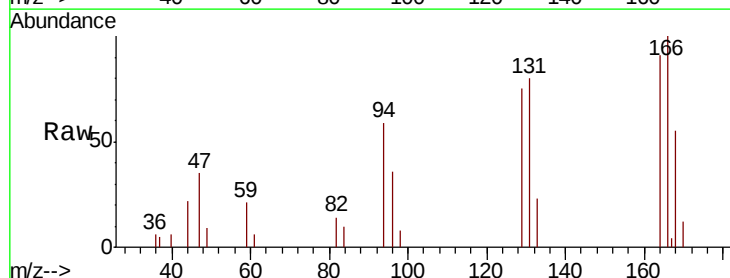
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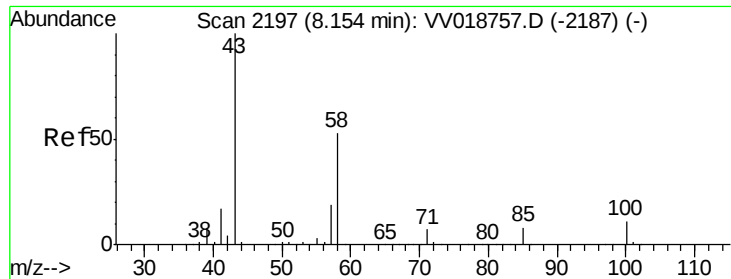
Tot Ion: 75 Resp: 3800
 Ion Ratio Lower Upper
 75 100
 77 59.7 23.0 42.6#



#46
 Tetrachloroethene
 Concen: 2.626 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV018761.D
 Acq: 08 Oct 2020 13:38

Tgt Ion:164 Resp: 5017
 Ion Ratio Lower Upper
 164 100
 129 82.9 62.8 116.6
 131 88.6 60.8 112.8
 166 110.4 88.9 165.1

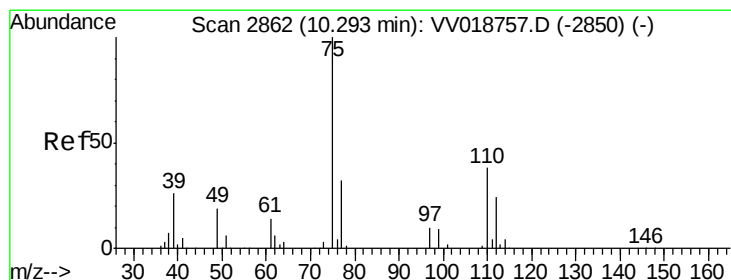
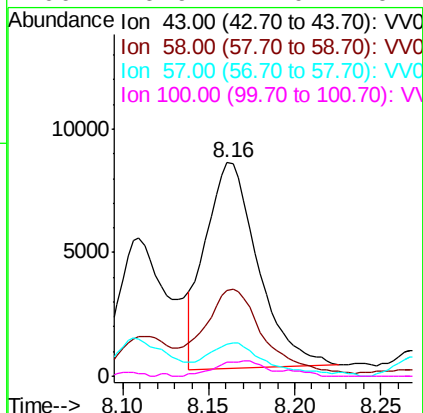
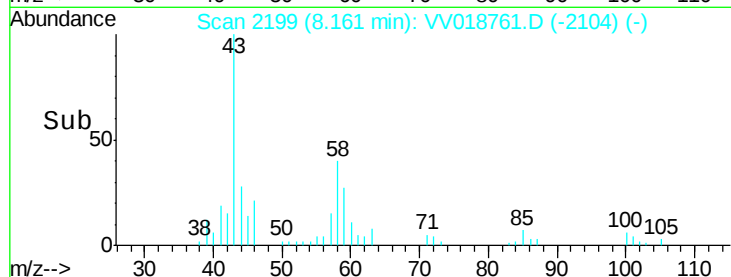
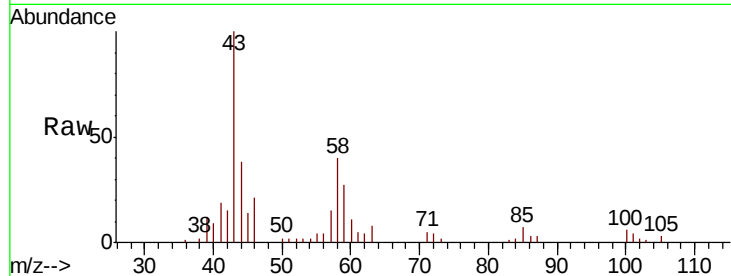




#48
2-Hexanone
Concen: 8.486 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.01 min
Lab File: VV018761.D
Acq: 08 Oct 2020 13:38

Instrument :
MSVOA_V
ClientSampleId :
C0AT6

Tot Ion: 43 Resp: 17782
Ion Ratio Lower Upper
43 100
58 49.6 45.1 67.7
57 15.3 15.7 23.5#
100 6.9 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 6.186 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018761.D
Acq: 08 Oct 2020 13:38

Tgt Ion: 75 Resp: 15660
Ion Ratio Lower Upper
75 100
77 39.2 25.4 38.0#

