

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100120\
 Data File : VV018609.D
 Acq On : 01 Oct 2020 23:32
 Operator : SY/MD
 Sample : L4237-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AC6

Quant Time: Oct 02 04:20:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 02 04:18:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	287082	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	300893	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	142570	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83113	49.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.72%
7) Chloroethane-d5	1.58	69	80388	57.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.48%
11) 1,1-Dichloroethene-d2	2.12	63	142623	41.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.14%
21) 2-Butanone-d5	3.92	46	113985	90.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.76%
24) Chloroform-d	4.38	84	168181	46.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.38%
26) 1,2-Dichloroethane-d4	5.06	65	116964	50.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.22%
32) Benzene-d6	5.07	84	334462	43.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.76%
36) 1,2-Dichloropropane-d6	6.09	67	101420	44.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.08%
41) Toluene-d8	7.34	98	301286	42.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.04%
43) trans-1,3-Dichloropropene-	7.64	79	49288	39.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.24%
47) 2-Hexanone-d5	8.11	63	64512	73.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.75%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	137086	44.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	131029	47.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.58%

Target Compounds

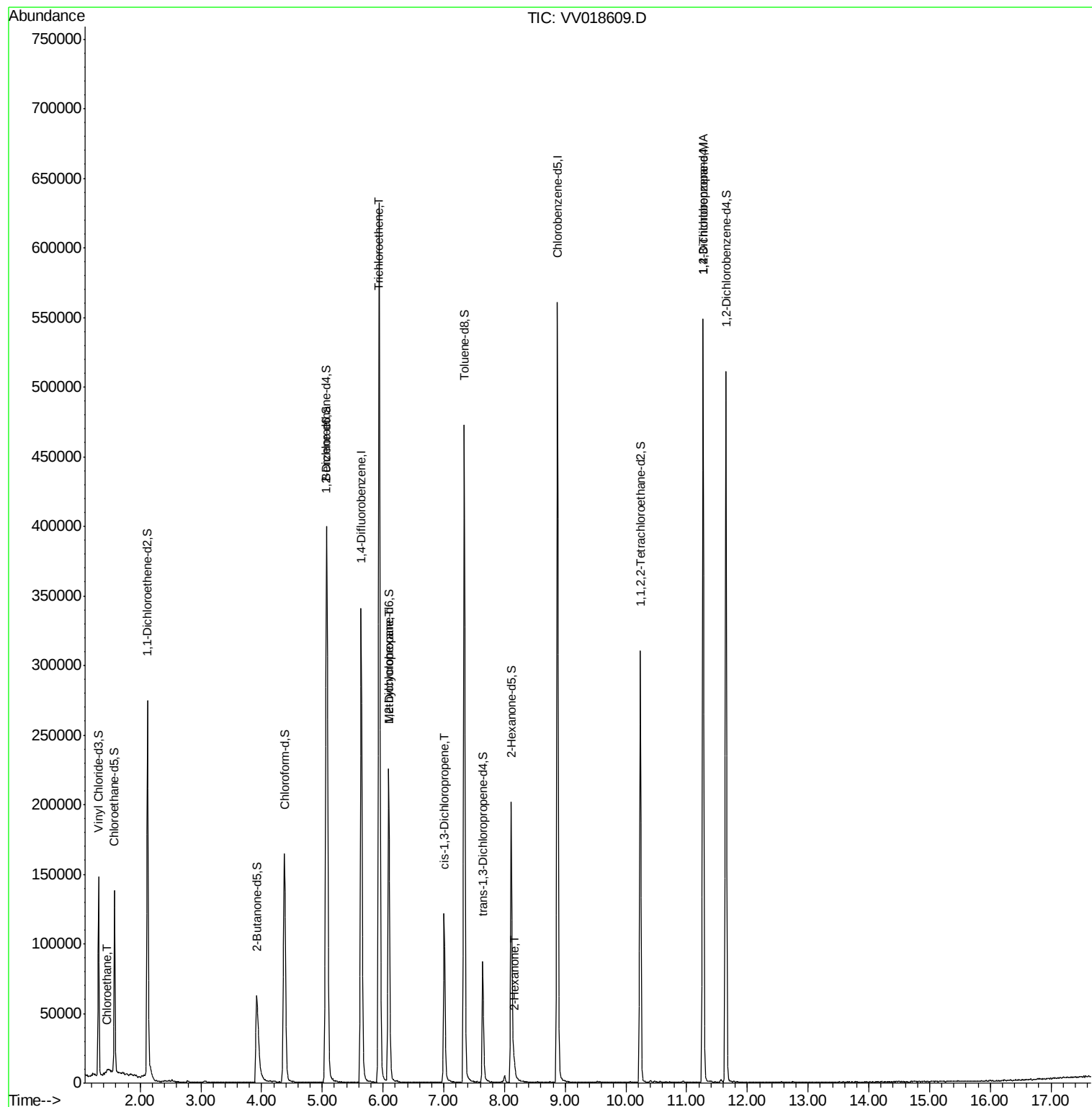
					Ovalue
8) Chloroethane	1.46	64	3832	2.832 ug/L #	52
34) Trichloroethene	5.94	95	210447	82.003 ug/L	98
35) Methylcyclohexane	6.09	83	26871	7.762 ug/L #	19
39) cis-1,3-Dichloropropene	7.01	75	3421	0.961 ug/L #	76
48) 2-Hexanone	8.16	43	5354	2.345 ug/L #	91
59) 1,2,3-Trichloropropane	11.27	75	15577	5.647 ug/L #	88

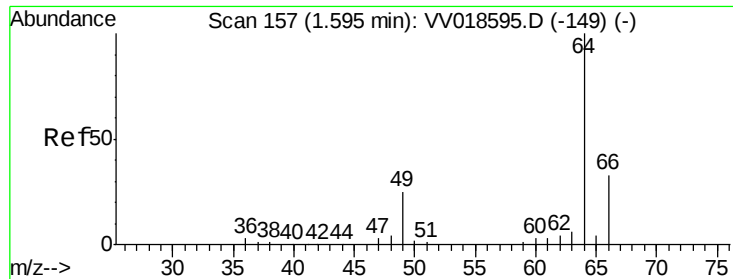
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Oct 02 04:18:06 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 2.832 ug/L

RT: 1.46 min Scan# 116

Delta R.T. -0.13 min

Lab File: VV018609.D

Acq: 01 Oct 2020 23:32

Instrument :

MSVOA_V

ClientSampleId :

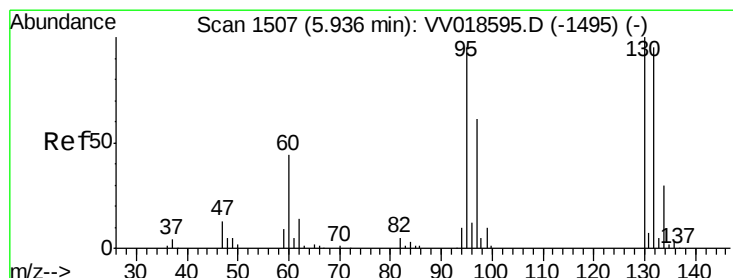
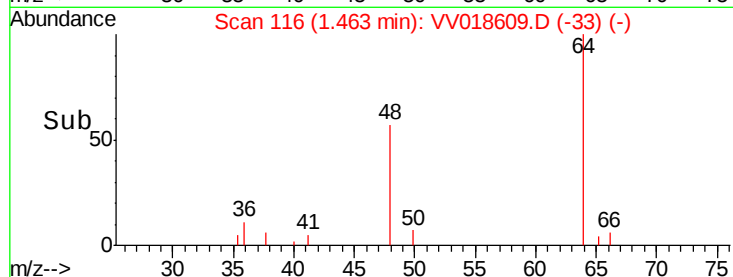
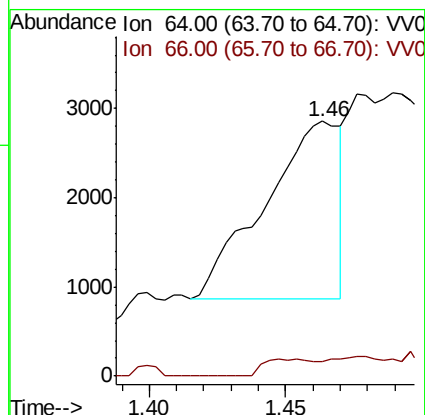
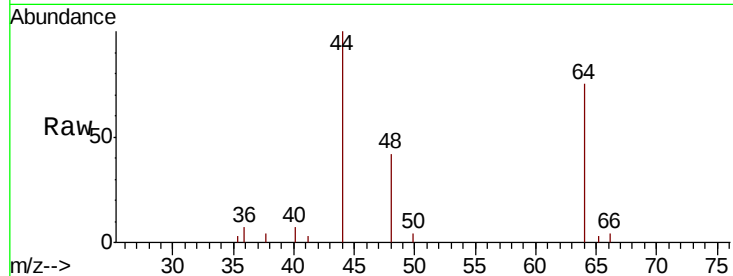
E0AC6

Tot Ion: 64 Resp: 3832

Ion Ratio Lower Upper

64 100

66 5.5 22.8 42.4#



#34

Trichloroethene

Concen: 82.003 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV018609.D

Acq: 01 Oct 2020 23:32

Tgt Ion: 95 Resp: 210447

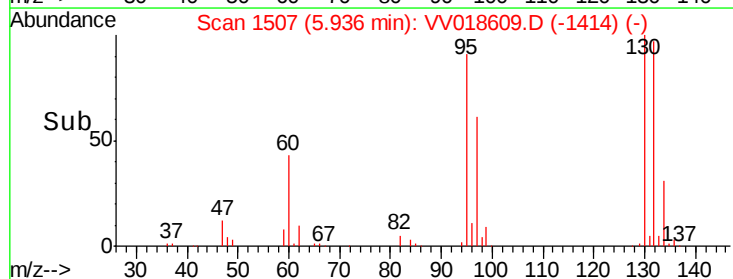
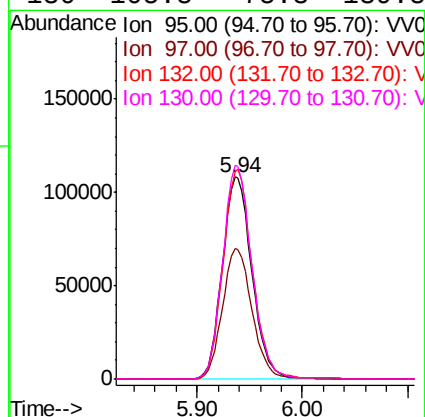
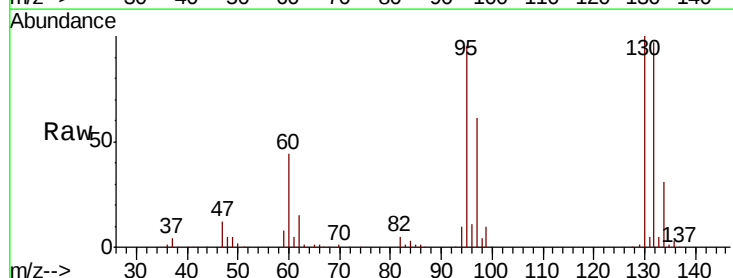
Ion Ratio Lower Upper

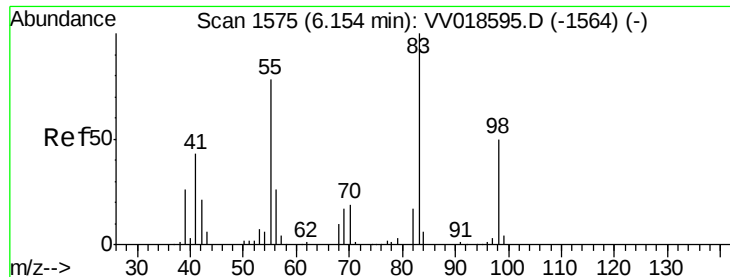
95 100

97 64.4 45.9 85.3

132 102.5 70.8 131.4

130 105.8 75.3 139.8





#35

Methylcyclohexane

Concen: 7.762 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

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MSVOA_V
ClientSampleId :
E0AC6

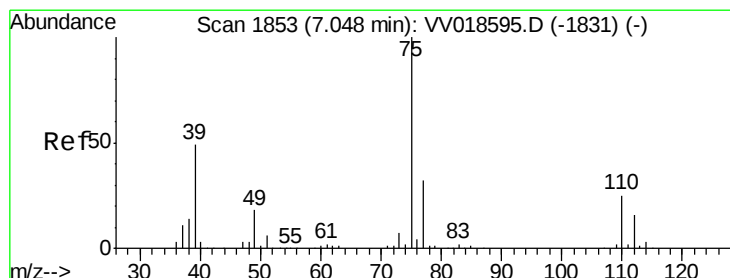
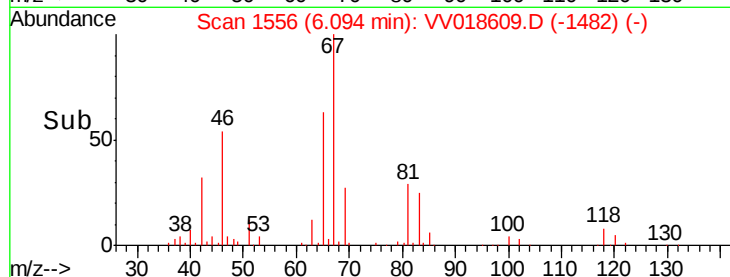
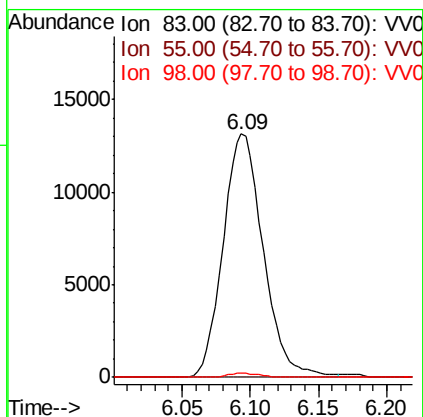
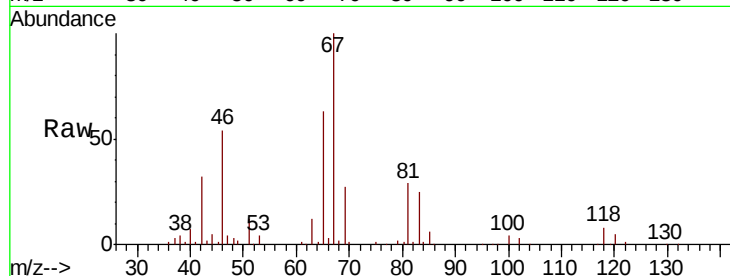
Tot Ion: 83 Resp: 26871

Ion Ratio Lower Upper

83 100

55 0.0 60.1 90.1#

98 1.2 40.2 60.4#



#39

cis-1,3-Dichloropropene

Concen: 0.961 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018609.D

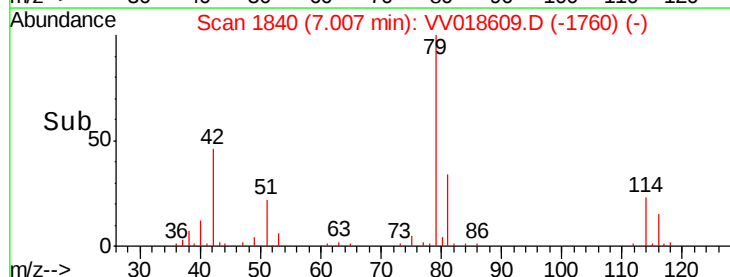
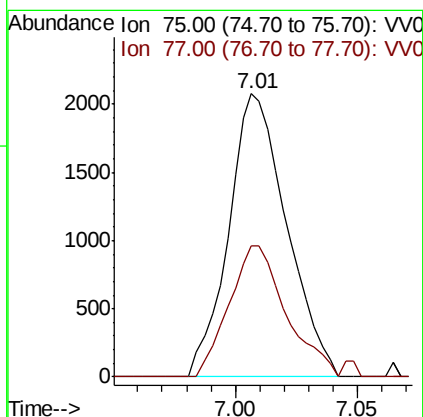
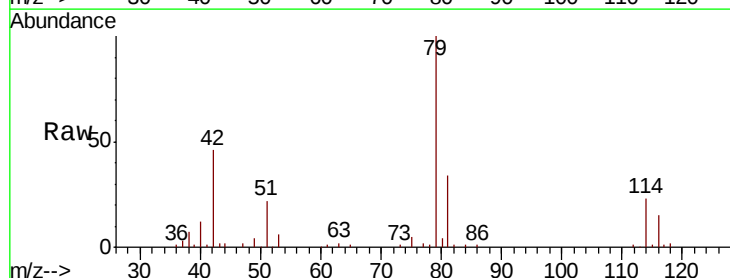
Acq: 01 Oct 2020 23:32

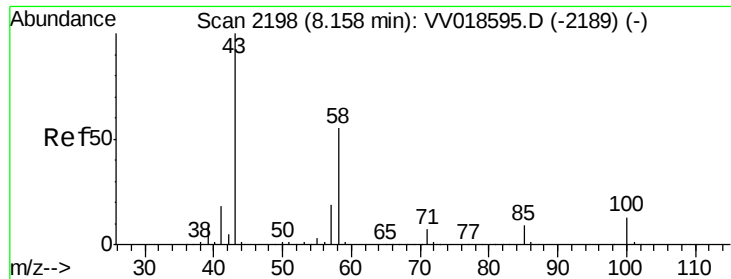
Tgt Ion: 75 Resp: 3421

Ion Ratio Lower Upper

75 100

77 46.2 23.0 42.6#

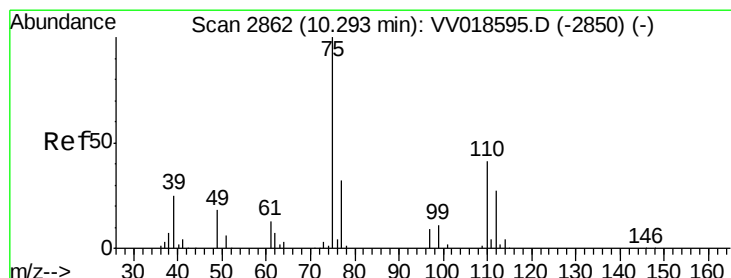
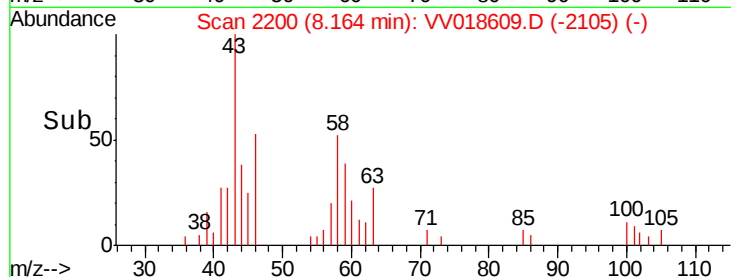
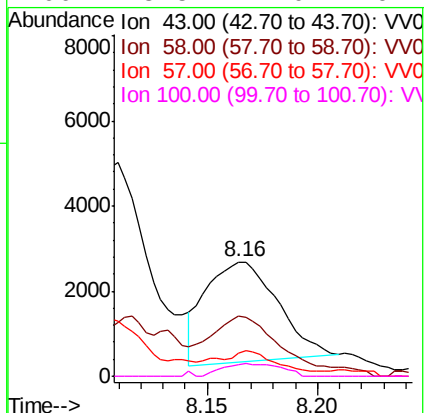
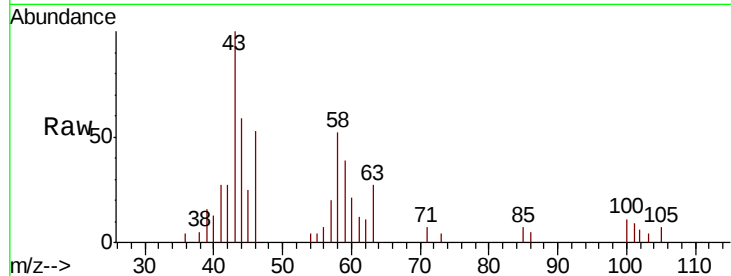




#48
2-Hexanone
Concen: 2.345 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV018609.D
Acq: 01 Oct 2020 23:32

Instrument :
MSVOA_V
ClientSampled :
E0AC6

Tot Ion: 43 Resp: 5354
Ion Ratio Lower Upper
43 100
58 59.3 45.1 67.7
57 11.8 15.7 23.5#
100 5.5 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 5.647 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018609.D
Acq: 01 Oct 2020 23:32

Tgt Ion: 75 Resp: 15577
Ion Ratio Lower Upper
75 100
77 38.6 25.4 38.0#

