

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\
 Data File : VV018421.D
 Acq On : 24 Sep 2020 12:13
 Operator : SY/MD
 Sample : L4110-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 25 04:44:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 04:36:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	272961	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	270323	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	134707	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	92444	41.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.12%
7) Chloroethane-d5	1.58	69	83524	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.78%
11) 1,1-Dichloroethene-d2	2.12	63	144894	35.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.02%
21) 2-Butanone-d5	3.92	46	154677	113.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.60%
24) Chloroform-d	4.38	84	198148	51.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.68%
26) 1,2-Dichloroethane-d4	5.06	65	133219	53.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.70%
32) Benzene-d6	5.08	84	401514	51.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.76%
36) 1,2-Dichloropropane-d6	6.09	67	130043	52.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.78%
41) Toluene-d8	7.34	98	361859	51.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.62%
43) trans-1,3-Dichloropropene-	7.64	79	64756	51.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.66%
47) 2-Hexanone-d5	8.11	63	95966	103.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.04%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	151724	49.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	160180	57.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.80%

Target Compounds

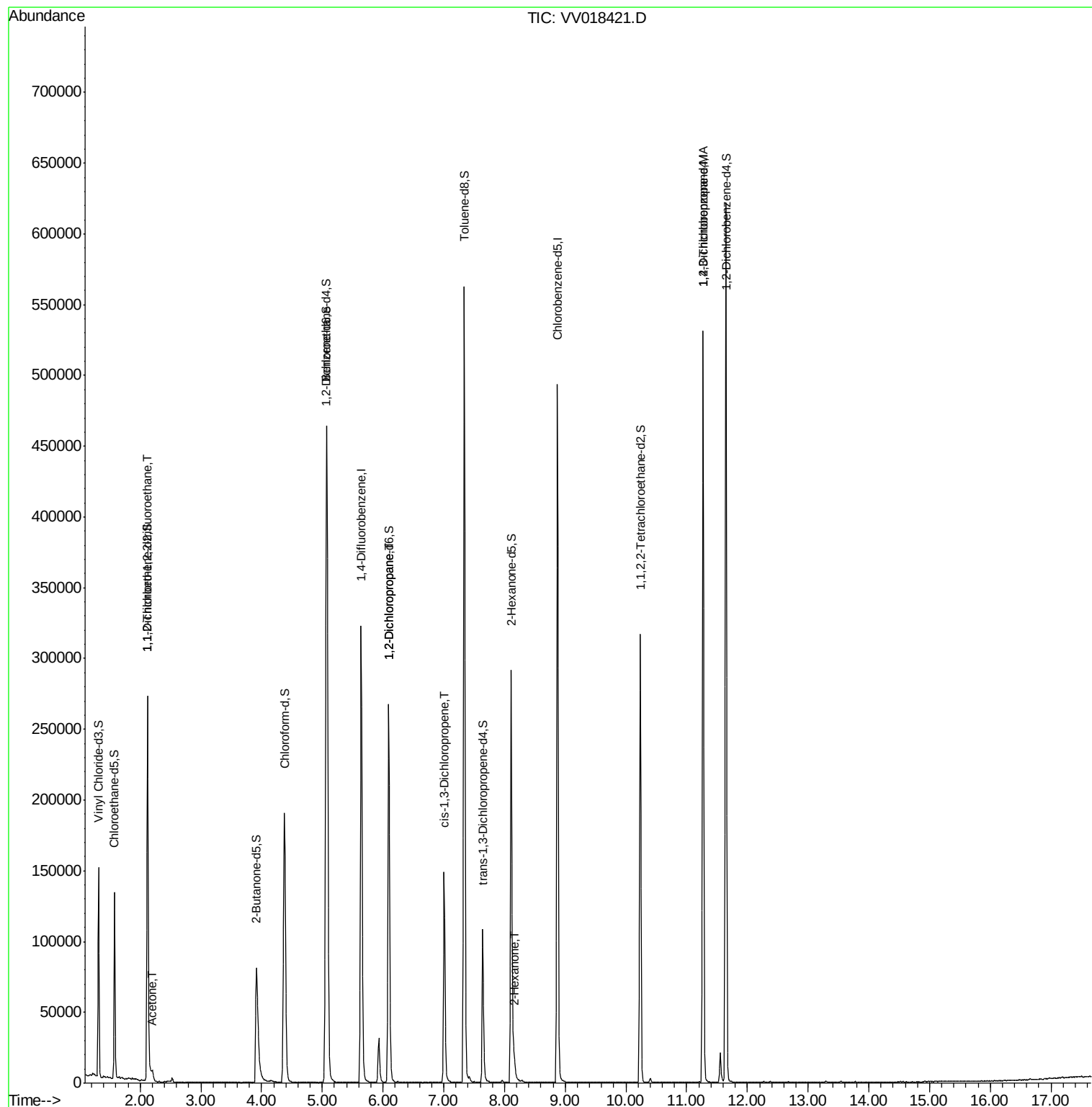
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1387	0.753 ug/L #	19
13) Acetone	2.20	43	10245	9.397 ug/L	99
37) 1,2-Dichloropropane	6.09	63	14099	6.884 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3645	1.155 ug/L #	49
48) 2-Hexanone	8.16	43	8692	4.437 ug/L #	72
59) 1,2,3-Trichloropropane	11.27	75	15249	6.330 ug/L	94

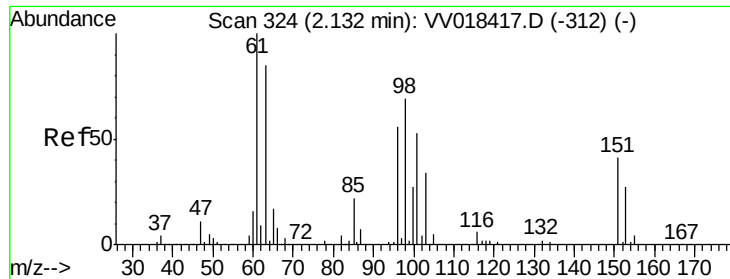
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.753 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018421.D

Acq: 24 Sep 2020 12:13

Instrument :

MSVOA_V

ClientSampled :

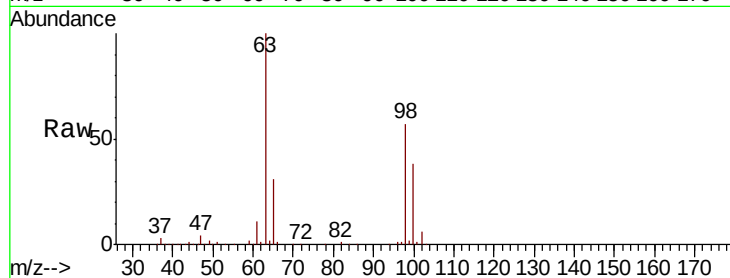
Tot Ion:101 Resp: 1387

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

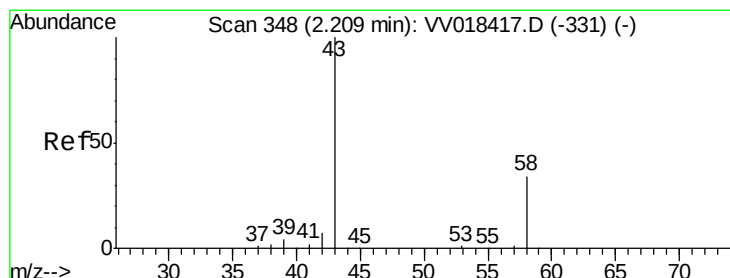
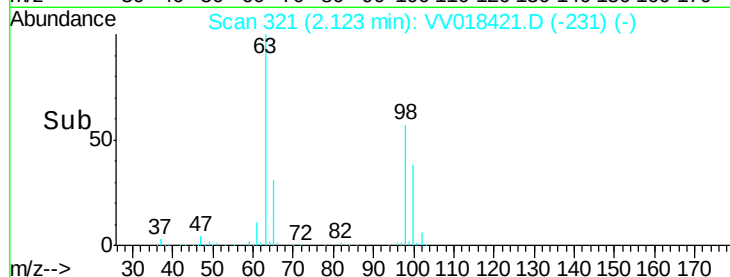
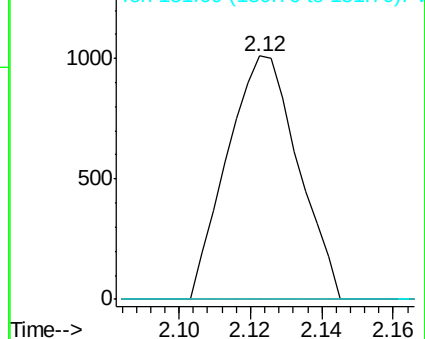
151 0.0 62.2 93.2#



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: 9.397 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.01 min

Lab File: VV018421.D

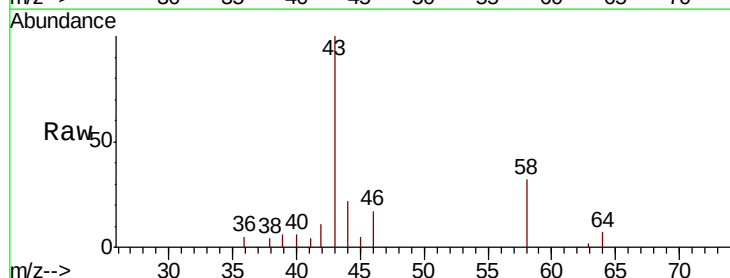
Acq: 24 Sep 2020 12:13

Tgt Ion: 43 Resp: 10245

Ion Ratio Lower Upper

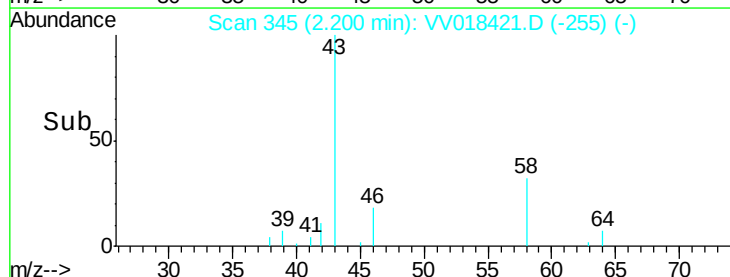
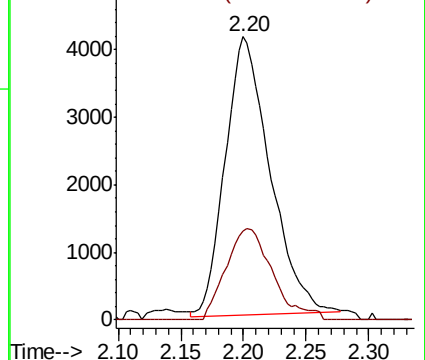
43 100

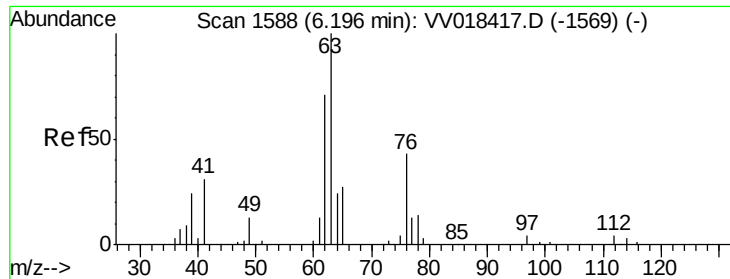
58 34.0 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

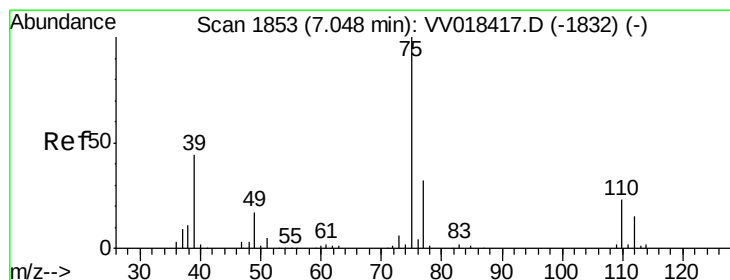
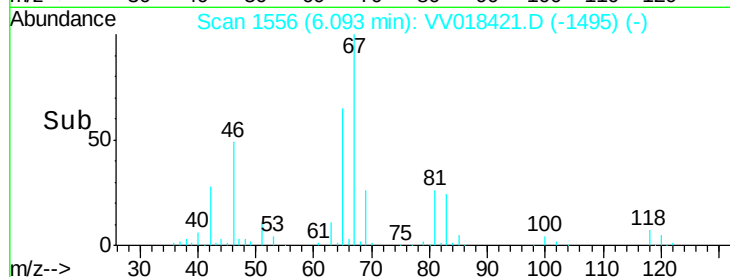
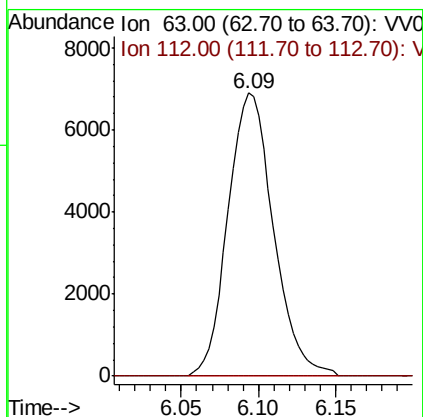
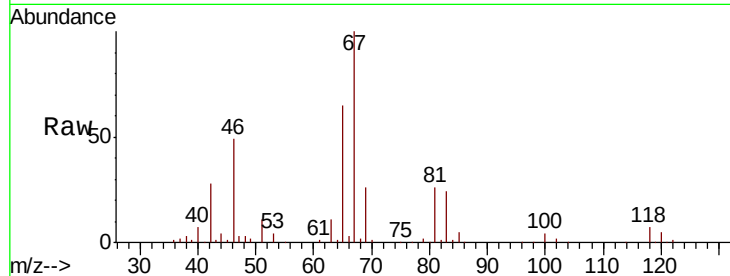




#37
 1,2-Dichloropropane
 Concen: 6.884 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018421.D
 Acq: 24 Sep 2020 12:13

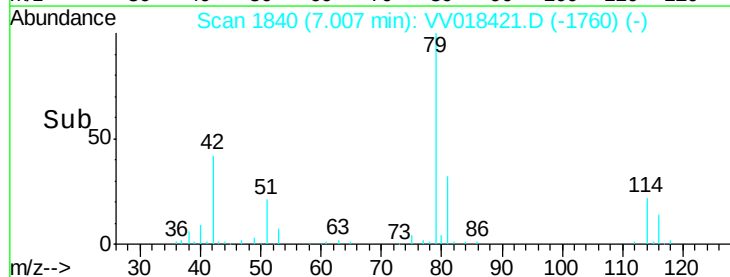
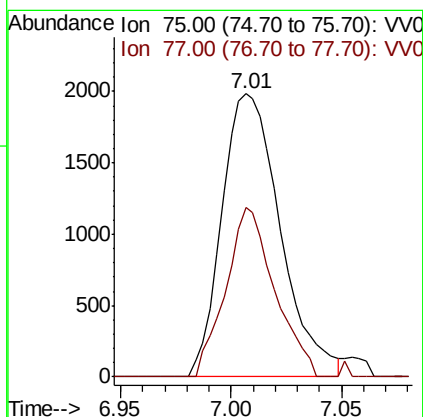
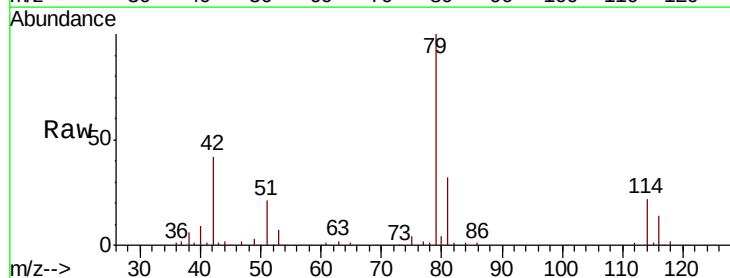
Instrument :
 MSVOA_V
 ClientSampleId :

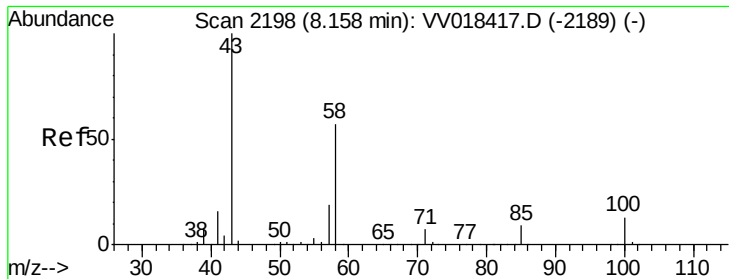
Tot Ion: 63 Resp: 14099
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 1.155 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018421.D
 Acq: 24 Sep 2020 12:13

Tgt Ion: 75 Resp: 3645
 Ion Ratio Lower Upper
 75 100
 77 60.1 22.3 41.3#

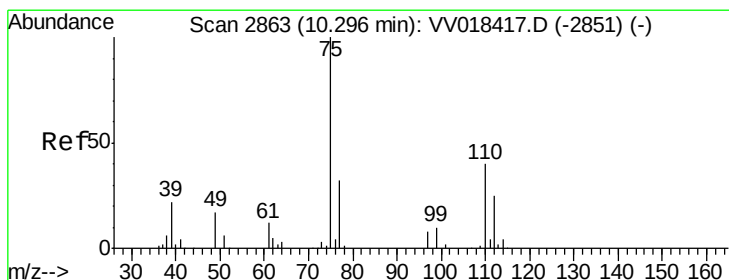
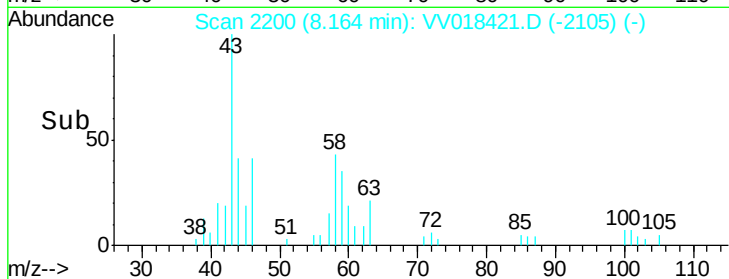
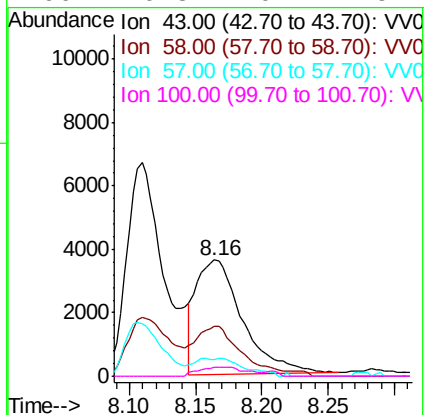
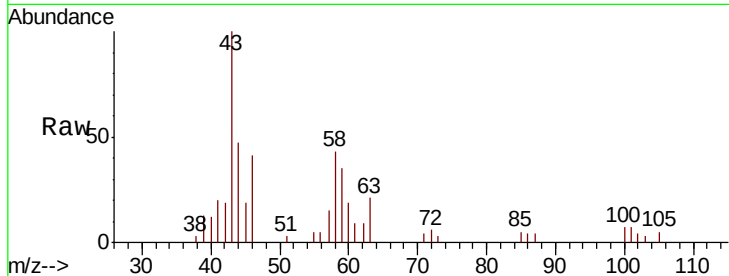




#48
2-Hexanone
Concen: 4.437 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV018421.D
Acq: 24 Sep 2020 12:13

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 8692
Ion Ratio Lower Upper
43 100
58 35.7 44.8 67.2#
57 2.1 15.8 23.6#
100 6.8 10.2 15.4#



#59
1,2,3-Trichloropropane
Concen: 6.330 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.97 min
Lab File: VV018421.D
Acq: 24 Sep 2020 12:13

Tgt Ion: 75 Resp: 15249
Ion Ratio Lower Upper
75 100
77 35.7 25.8 38.6

