

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091120\
 Data File : VV018196.D
 Acq On : 11 Sep 2020 14:29
 Operator : SY/MD
 Sample : L3949-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK02

Quant Time: Sep 12 01:30:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 12 01:23:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	285974	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	282237	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	140566	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100299	43.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.08%
7) Chloroethane-d5	1.58	69	90021	47.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.12	63	151055	35.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.66%
21) 2-Butanone-d5	3.91	46	147923	103.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.70%
24) Chloroform-d	4.38	84	191751	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.84%
26) 1,2-Dichloroethane-d4	5.06	65	132054	50.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.90%
32) Benzene-d6	5.07	84	394661	48.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.70%
36) 1,2-Dichloropropane-d6	6.09	67	128946	50.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.46%
41) Toluene-d8	7.34	98	350678	47.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.24%
43) trans-1,3-Dichloropropene-	7.64	79	61767	47.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.70%
47) 2-Hexanone-d5	8.11	63	89085	91.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.61%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	151769	47.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	151440	52.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.92%

Target Compounds

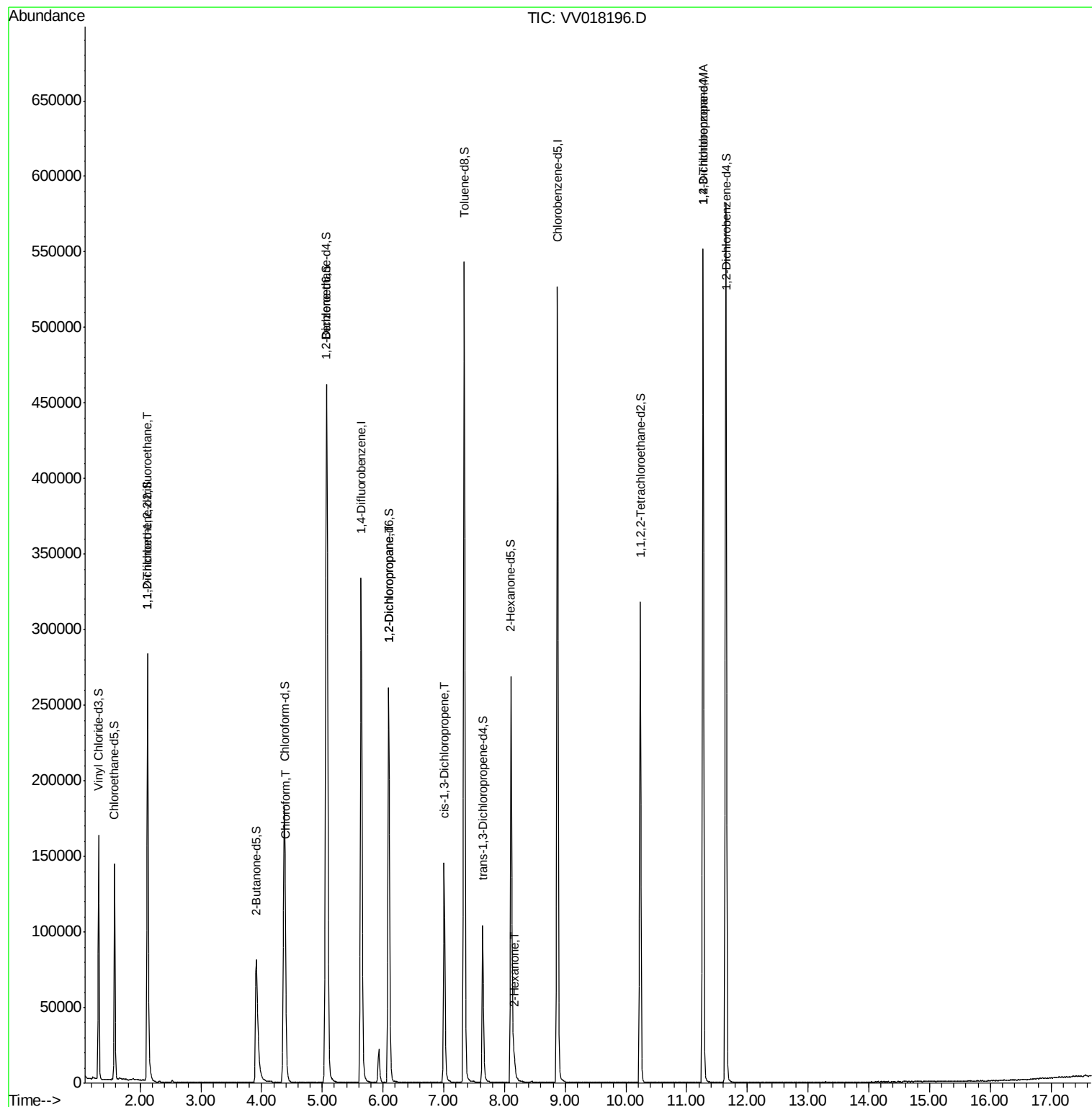
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1297	0.672 ug/L #	19
25) Chloroform	4.40	83	6306	1.696 ug/L	94
37) 1,2-Dichloropropane	6.09	63	13563	6.343 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3335	1.012 ug/L #	57
48) 2-Hexanone	8.16	43	7994	3.909 ug/L #	87
59) 1,2,3-Trichloropropane	11.27	75	15985	6.356 ug/L	89

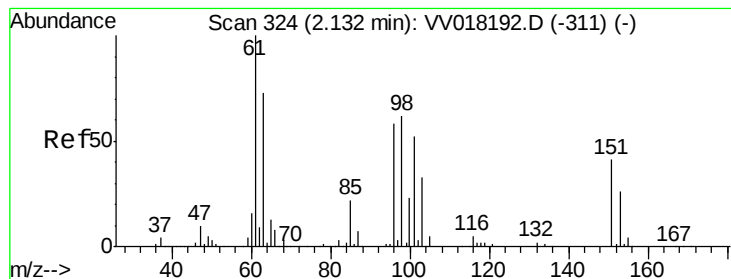
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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#10

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

Concen: 0.672 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018196.D

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VHBLK02

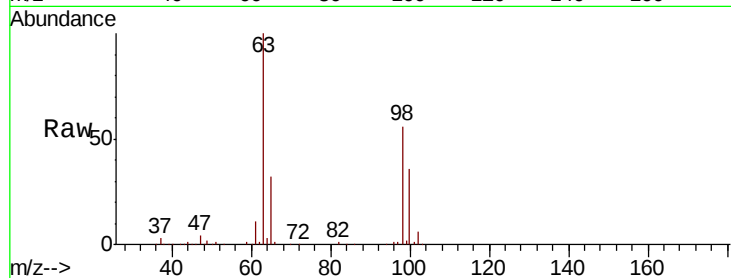
Tot Ion:101 Resp: 1297

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

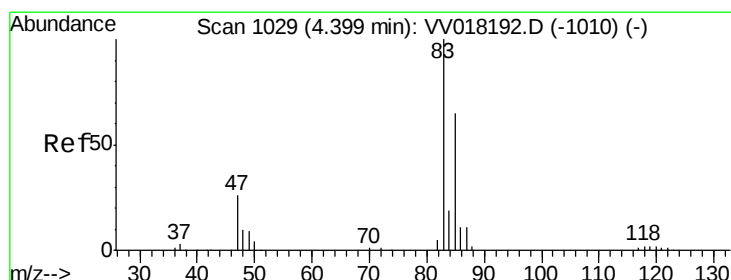
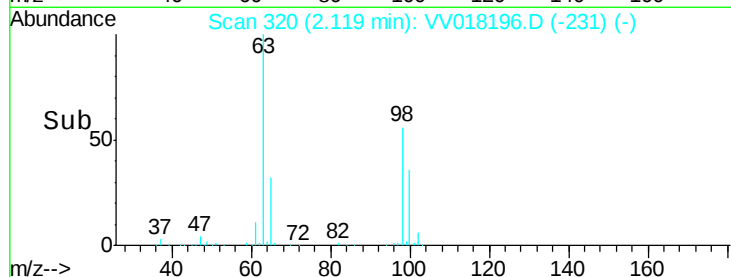
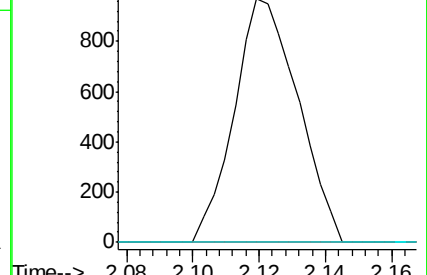
151 0.0 62.2 93.2#



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



#25

Chloroform

Concen: 1.696 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. 0.00 min

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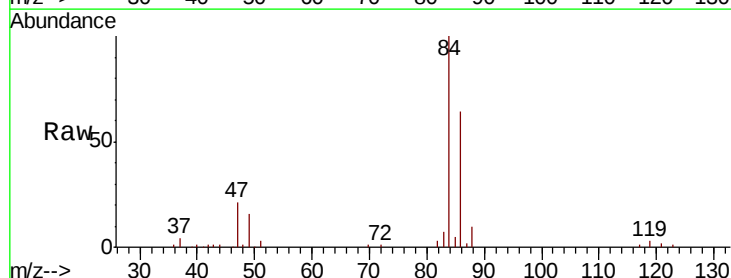
Acq: 11 Sep 2020 14:29

Tgt Ion: 83 Resp: 6306

Ion Ratio Lower Upper

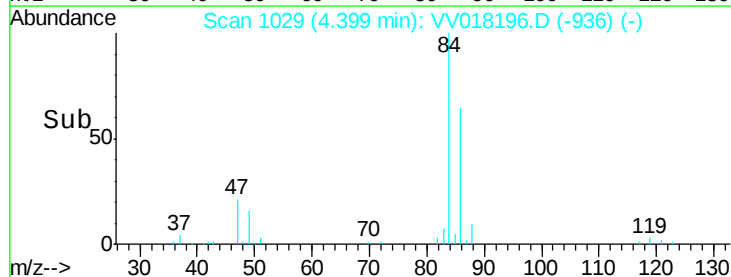
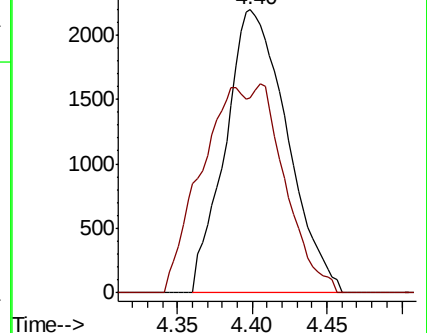
83 100

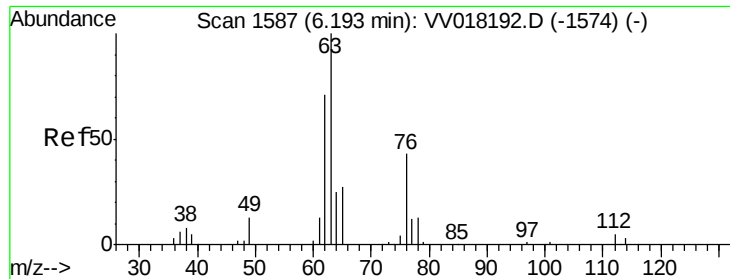
85 69.1 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

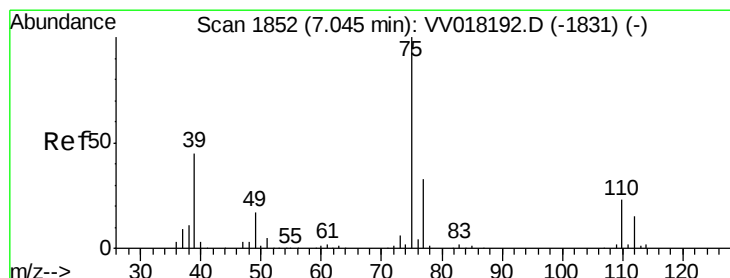
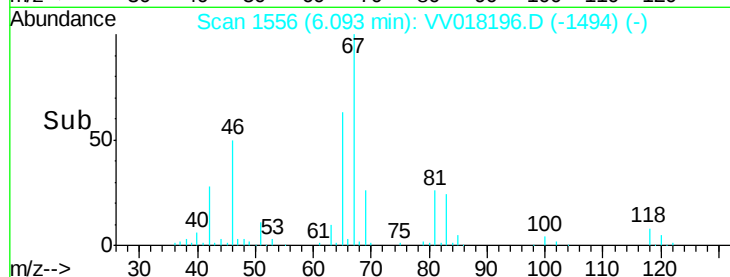
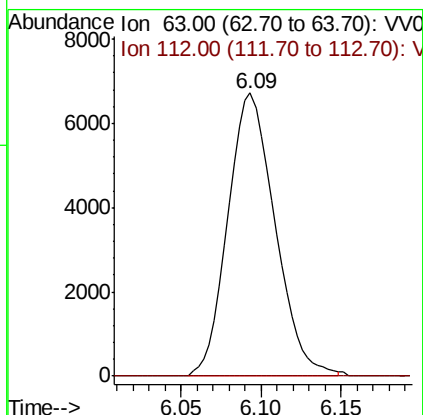
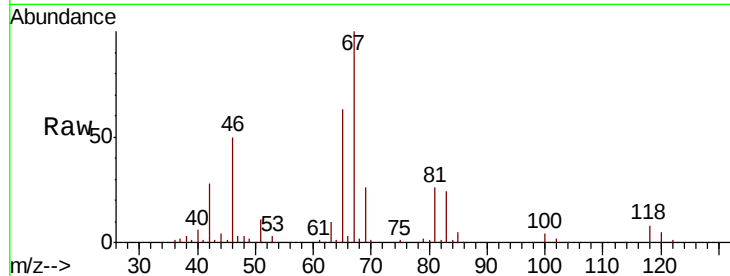




#37
 1,2-Dichloropropane
 Concen: 6.343 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018196.D
 Acq: 11 Sep 2020 14:29

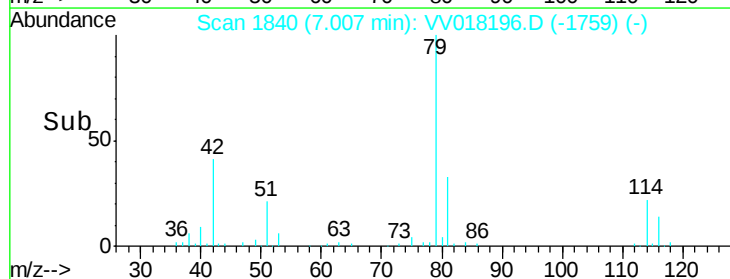
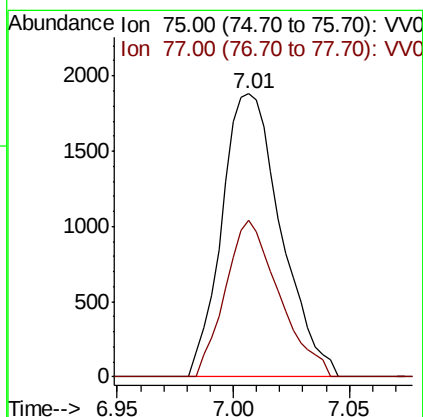
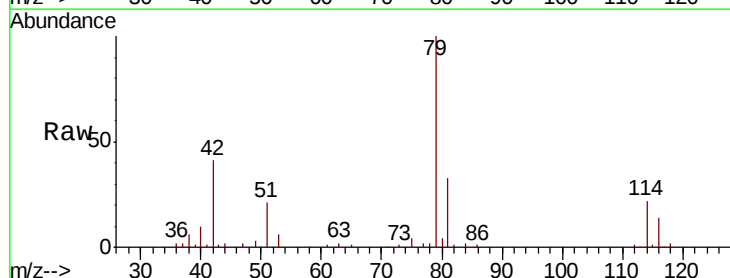
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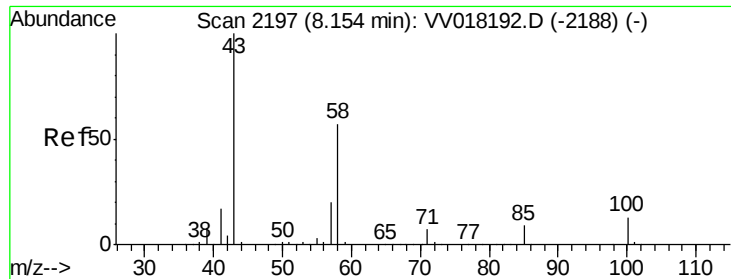
Tot Ion: 63 Resp: 13563
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 1.012 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018196.D
 Acq: 11 Sep 2020 14:29

Tgt Ion: 75 Resp: 3335
 Ion Ratio Lower Upper
 75 100
 77 55.5 22.3 41.3#

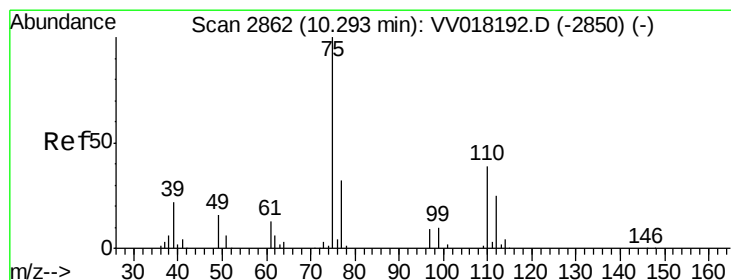
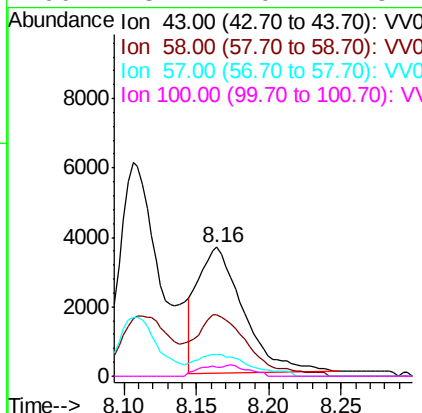
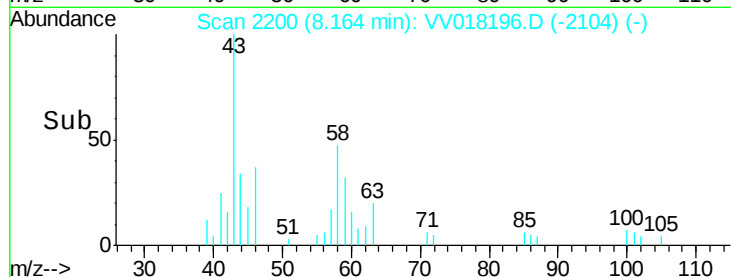
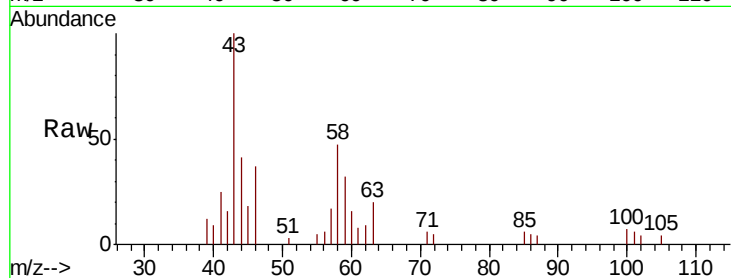




#48
 2-Hexanone
 Concen: 3.909 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018196.D
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Instrument :
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 VHBLK02

Tot Ion: 43 Resp: 7994
 Ion Ratio Lower Upper
 43 100
 58 44.9 44.8 67.2
 57 20.9 15.8 23.6
 100 3.7 10.2 15.4#



#59
 1,2,3-Trichloropropane
 Concen: 6.356 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018196.D
 Acq: 11 Sep 2020 14:29

Tgt Ion: 75 Resp: 15985
 Ion Ratio Lower Upper
 75 100
 77 38.5 25.8 38.6

