

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010521\
 Data File : VV019896.D
 Acq On : 05 Jan 2021 14:54
 Operator : SY/MD
 Sample : M1017-02 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4W3

Quant Time: Jan 06 07:11:50 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 06 07:08:24 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	557023	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	532819	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	243369	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	189917	44.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.12%
7) Chloroethane-d5	1.57	69	167719	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.90%
11) 1,1-Dichloroethene-d2	2.11	63	298139	36.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.18%
21) 2-Butanone-d5	3.89	46	331228	103.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.67%
24) Chloroform-d	4.35	84	387019	47.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.04%
26) 1,2-Dichloroethane-d4	5.04	65	272809	51.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.50%
32) Benzene-d6	5.05	84	756521	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.62%
36) 1,2-Dichloropropane-d6	6.07	67	248668	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.58%
41) Toluene-d8	7.32	98	660981	48.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.63	79	108991	43.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.92%
47) 2-Hexanone-d5	8.09	63	191252	91.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.72%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	303006	46.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.36%
64) 1,2-Dichlorobenzene-d4	11.63	152	243781	52.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.74%

Target Compounds

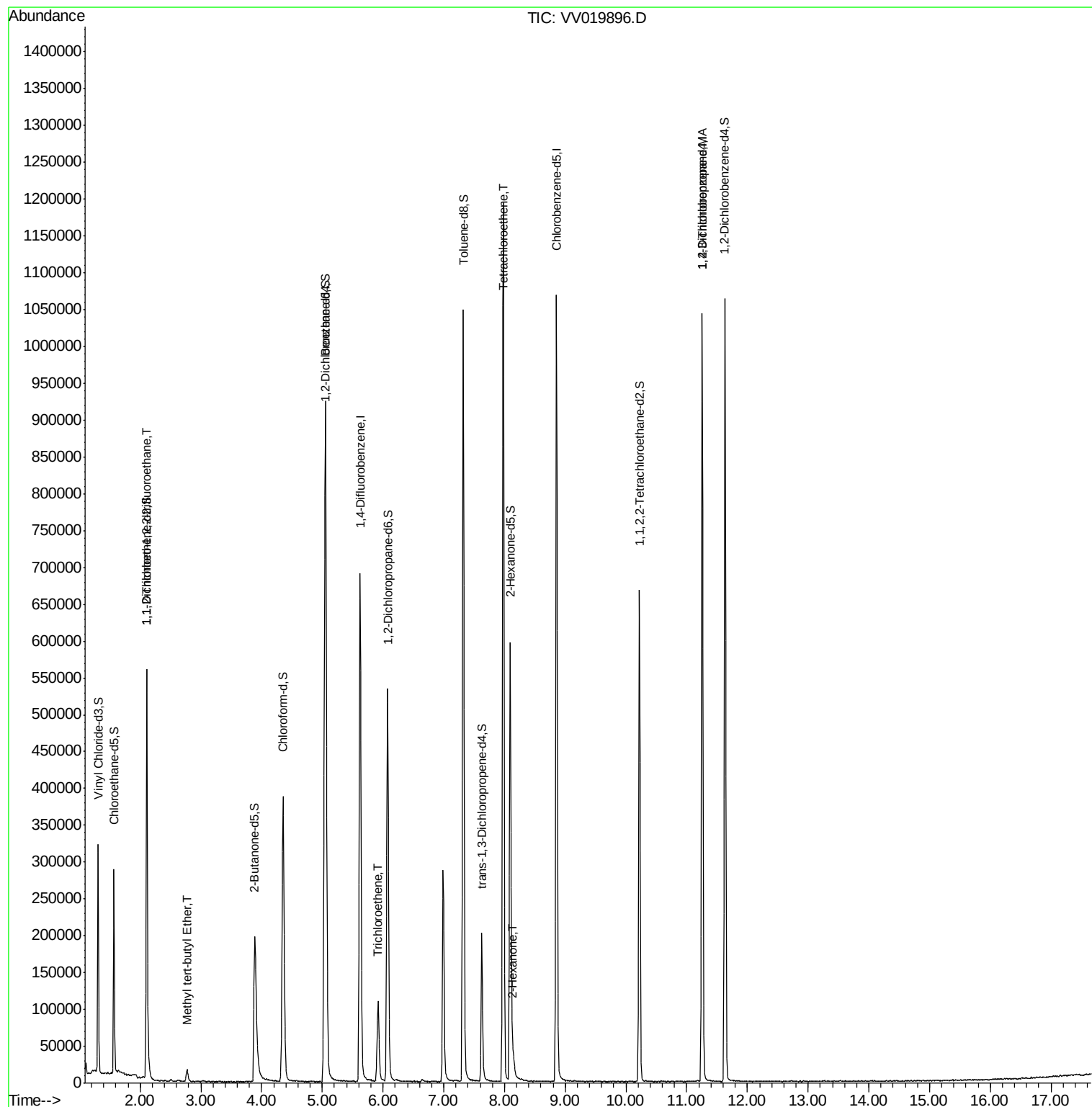
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2563	0.726 ug/L #	23
18) Methyl tert-butyl Ether	2.77	73	15334	1.146 ug/L	97
34) Trichloroethene	5.92	95	30053	6.760 ug/L	97
46) Tetrachloroethene	7.98	164	235663	79.372 ug/L	98
48) 2-Hexanone	8.14	43	12453	2.390 ug/L #	55
59) 1,2,3-Trichloropropane	11.26	75	35258	6.163 ug/L	92

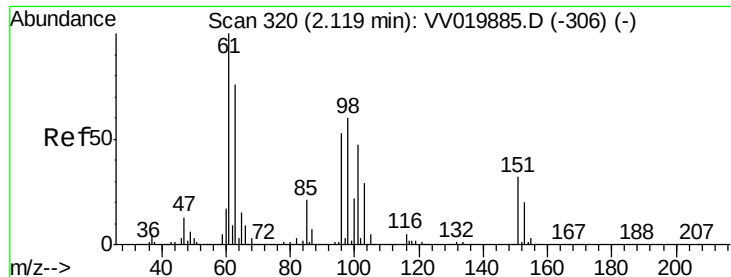
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.726 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

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ClientSampleId :

BG4W3

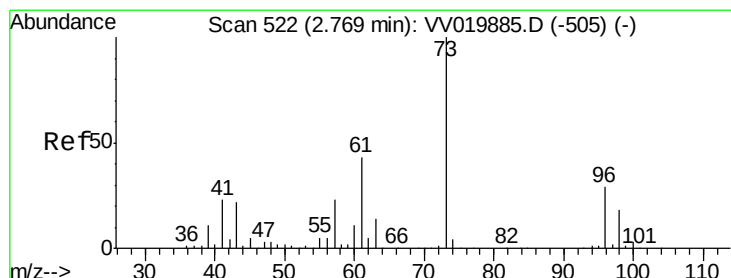
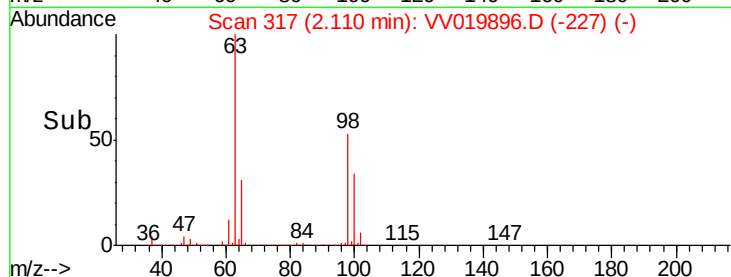
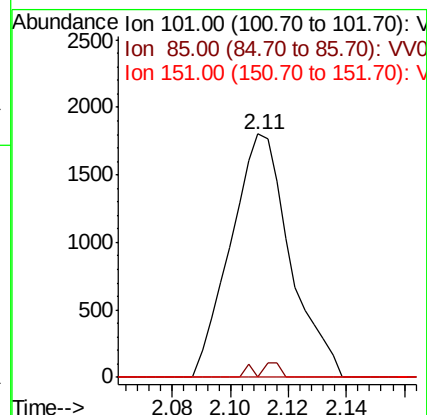
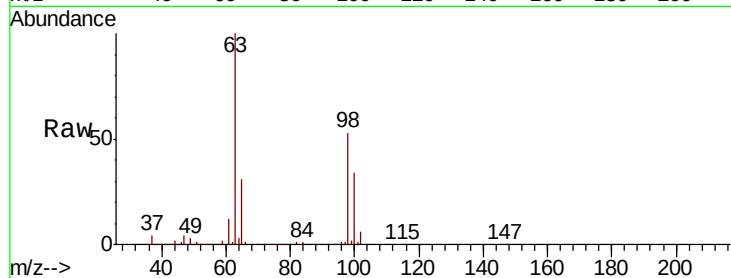
Tot Ion:101 Resp: 2563

Ion Ratio Lower Upper

101 100

85 0.8 35.3 52.9#

151 0.0 53.6 80.4#



#18

Methyl tert-butyl Ether

Concen: 1.146 ug/L

RT: 2.77 min Scan# 523

Delta R.T. 0.00 min

Lab File: VV019896.D

Acq: 05 Jan 2021 14:54

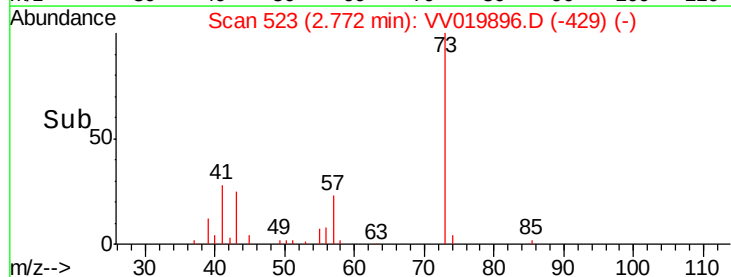
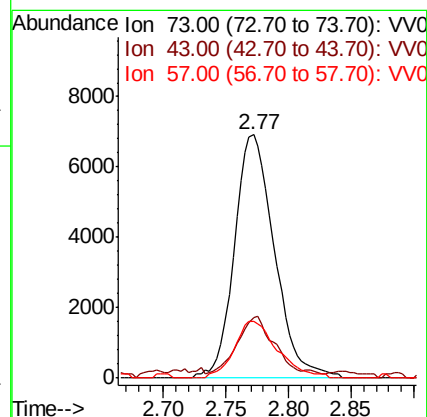
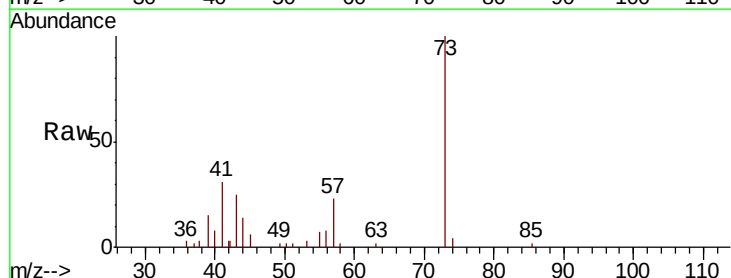
Tgt Ion: 73 Resp: 15334

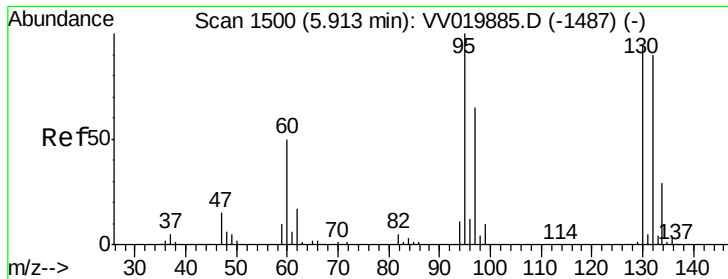
Ion Ratio Lower Upper

73 100

43 21.7 17.3 25.9

57 25.1 17.9 26.9





#34

Trichloroethene

Concen: 6.760 ug/L

RT: 5.92 min Scan# 1503

Delta R.T. 0.01 min

Lab File: VV019896.D

Acq: 05 Jan 2021 14:54

Instrument :

MSVOA_V

ClientSampleId :

BG4W3

Tot Ion: 95 Resp: 30053

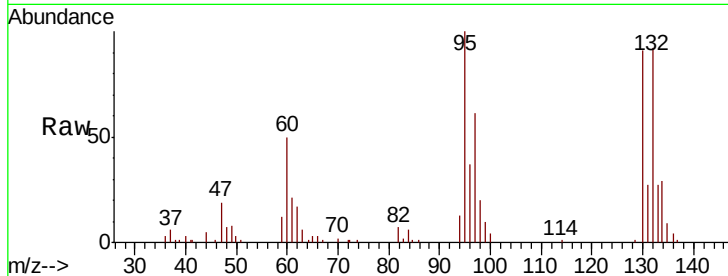
Ion Ratio Lower Upper

95 100

97 60.9 44.5 82.7

132 92.0 63.4 117.8

130 91.3 67.1 124.5



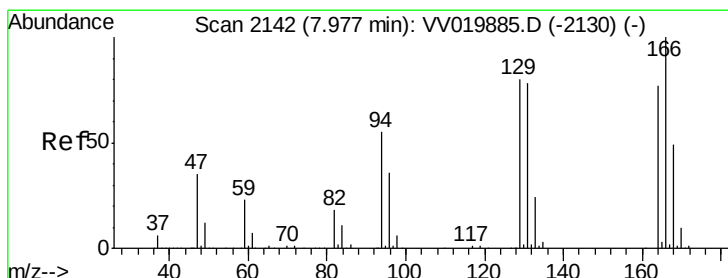
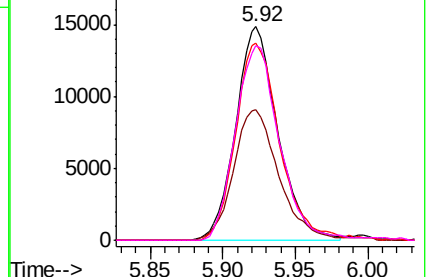
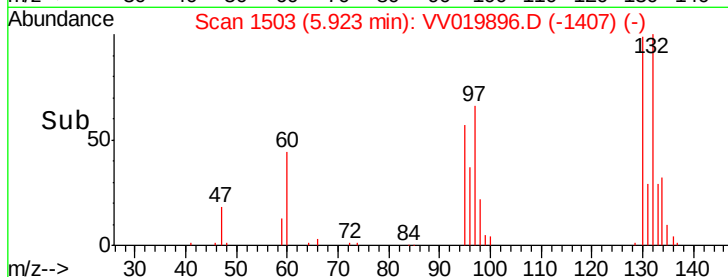
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

Time-->



#46

Tetrachloroethene

Concen: 79.372 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019896.D

Acq: 05 Jan 2021 14:54

Tgt Ion: 164 Resp: 235663

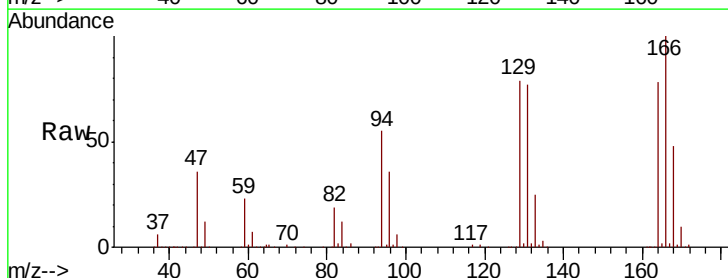
Ion Ratio Lower Upper

164 100

129 101.5 70.6 131.0

131 98.5 66.8 124.0

166 128.0 88.2 163.8



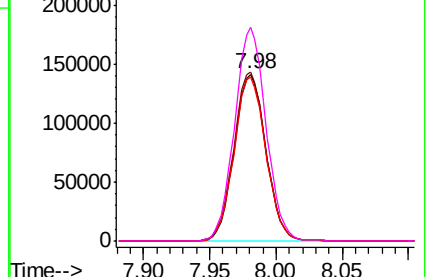
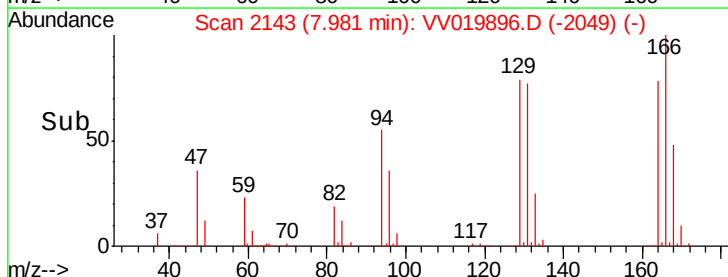
Abundance Ion 164.00 (163.70 to 164.70): V

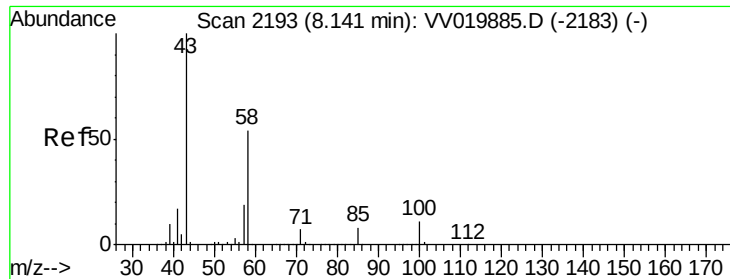
Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

Time-->

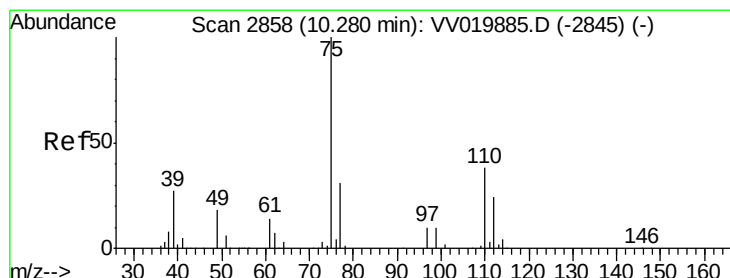
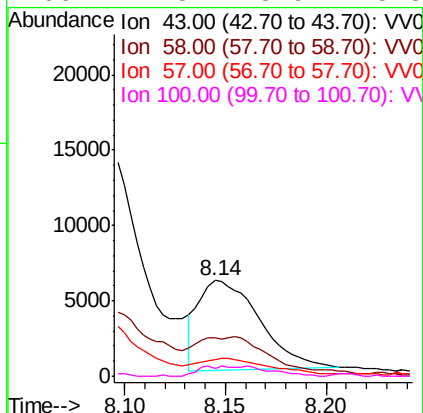
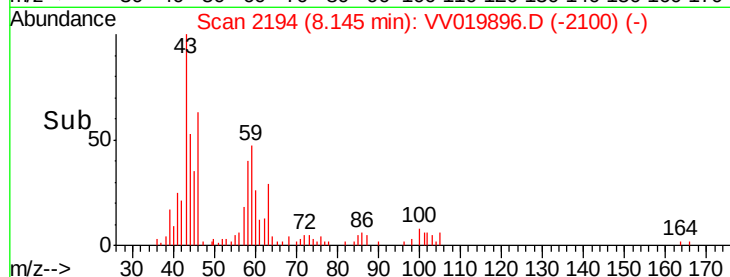
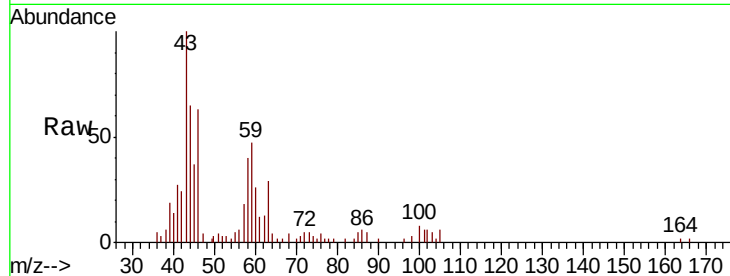




#48
2-Hexanone
Concen: 2.390 ug/L
RT: 8.14 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VV019896.D
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Tot Ion: 43 Resp: 12453
Ion Ratio Lower Upper
43 100
58 6.0 41.8 62.6#
57 18.9 15.0 22.4
100 2.8 8.9 13.3#



#59
1,2,3-Trichloropropane
Concen: 6.163 ug/L
RT: 11.26 min Scan# 3162
Delta R.T. 0.98 min
Lab File: VV019896.D
Acq: 05 Jan 2021 14:54

Tgt Ion: 75 Resp: 35258
Ion Ratio Lower Upper
75 100
77 36.4 25.4 38.0

