

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121920\
 Data File : VV019760.D
 Acq On : 20 Dec 2020 01:36
 Operator : SY/MD
 Sample : L5131-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4H10

Quant Time: Dec 21 06:26:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 21 06:23:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	694362	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	657479	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	290633	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	228890	45.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.94%
7) Chloroethane-d5	1.57	69	190936	48.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.24%
11) 1,1-Dichloroethene-d2	2.11	63	340567	36.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.70%
21) 2-Butanone-d5	3.89	46	352584	130.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	130.28%#
24) Chloroform-d	4.35	84	434008	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.74%
26) 1,2-Dichloroethane-d4	5.04	65	304009	51.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.68%
32) Benzene-d6	5.05	84	875866	49.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.90%
36) 1,2-Dichloropropane-d6	6.07	67	281942	51.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.66%
41) Toluene-d8	7.32	98	768134	48.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.30%
43) trans-1,3-Dichloropropene-	7.62	79	126195	40.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.78%
47) 2-Hexanone-d5	8.09	63	206196	95.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.64%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	336428	45.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.56%
64) 1,2-Dichlorobenzene-d4	11.63	152	273707	50.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.76%

Target Compounds

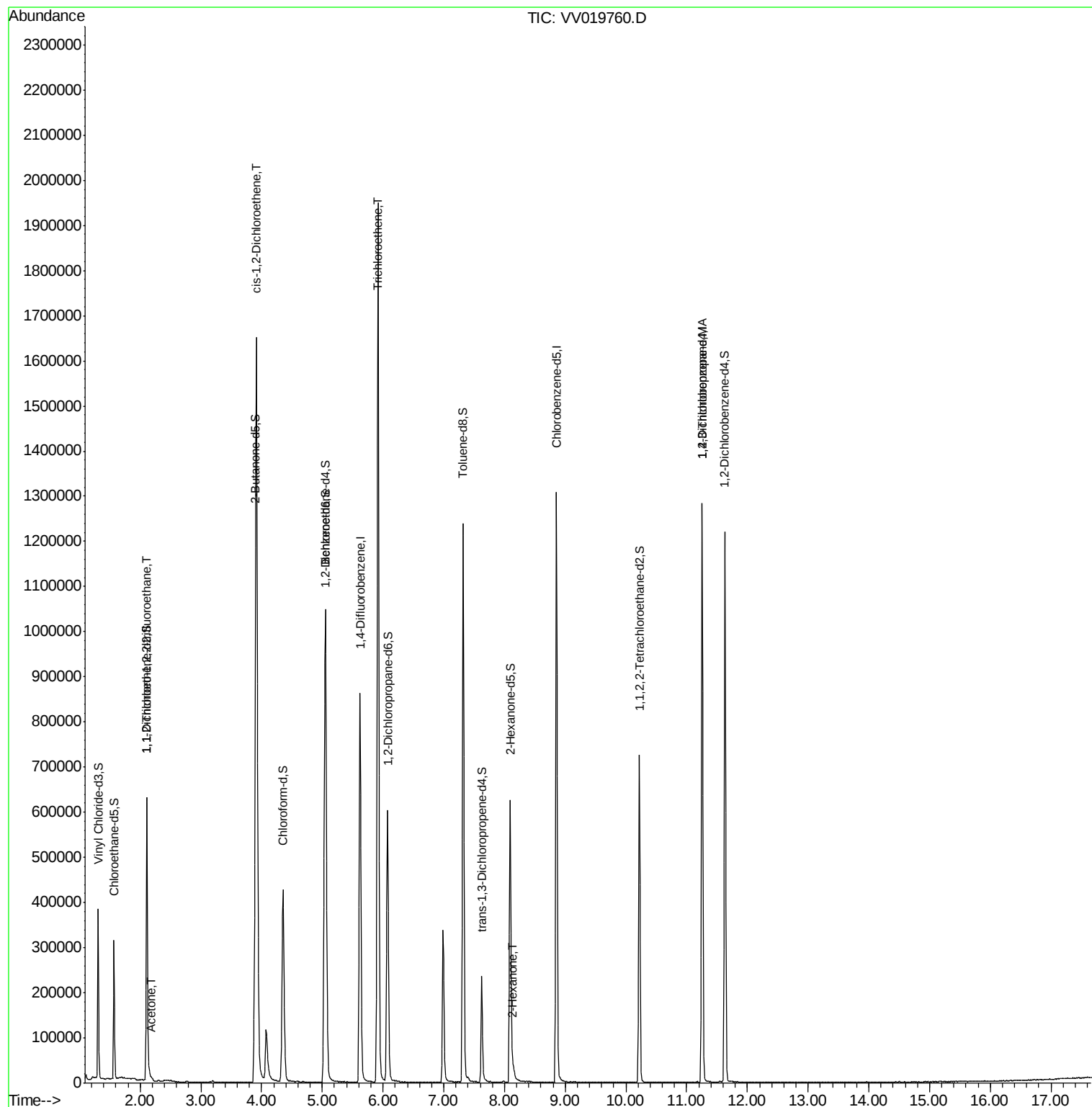
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2849	0.707 ug/L #	22
13) Acetone	2.19	43	10483	4.547 ug/L	82
20) cis-1,2-Dichloroethene	3.91	96	832830	167.093 ug/L #	96
34) Trichloroethene	5.92	95	669607	131.917 ug/L	97
48) 2-Hexanone	8.15	43	10338	1.882 ug/L #	85
59) 1,2,3-Trichloropropane	11.25	75	41030	6.574 ug/L	90

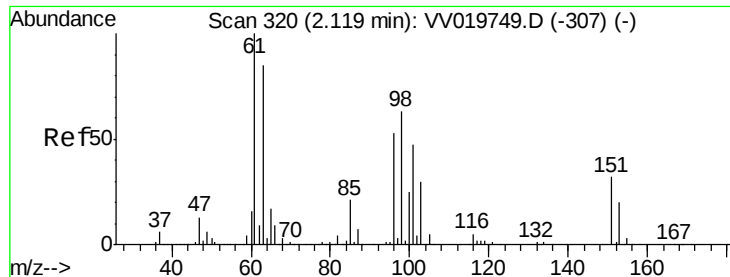
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 21 06:23:42 2020
Response via : Initial Calibration





#10

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

Concen: 0.707 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019760.D

Acq: 20 Dec 2020 01:36

Instrument :

MSVOA_V

ClientSampled :

F4H10

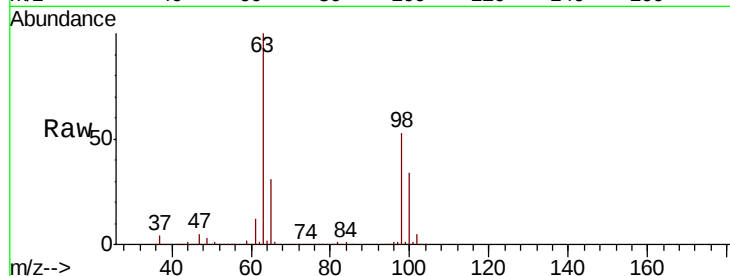
Tot Ion:101 Resp: 2849

Ion Ratio Lower Upper

101 100

85 1.5 35.0 52.4#

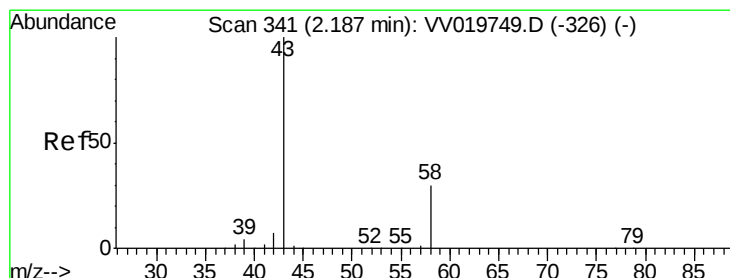
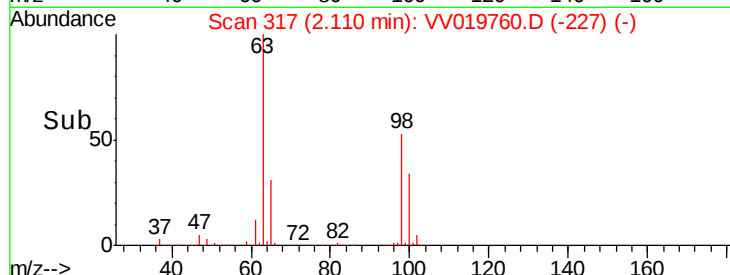
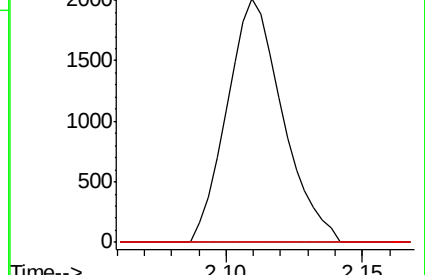
151 0.0 55.8 83.8#



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: 4.547 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV019760.D

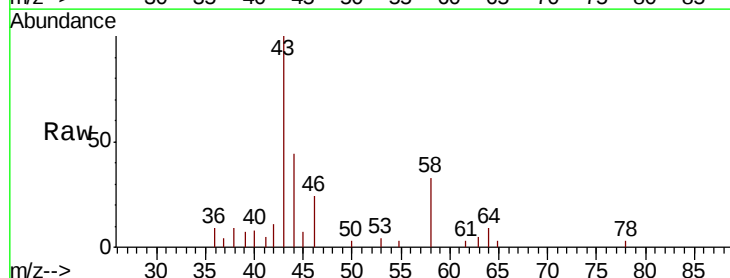
Acq: 20 Dec 2020 01:36

Tgt Ion: 43 Resp: 10483

Ion Ratio Lower Upper

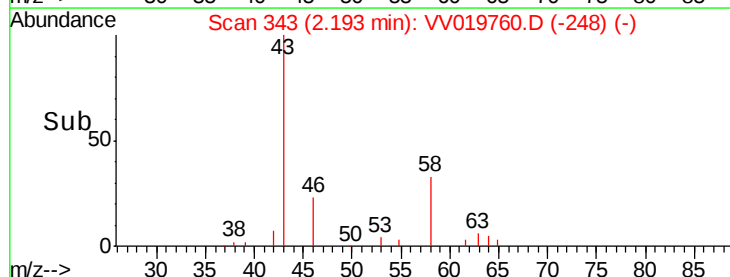
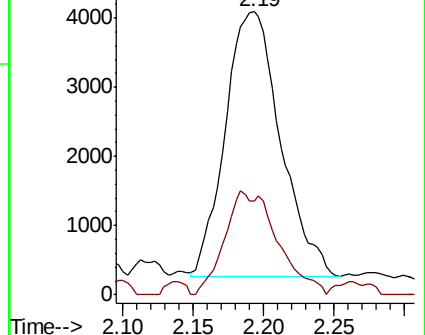
43 100

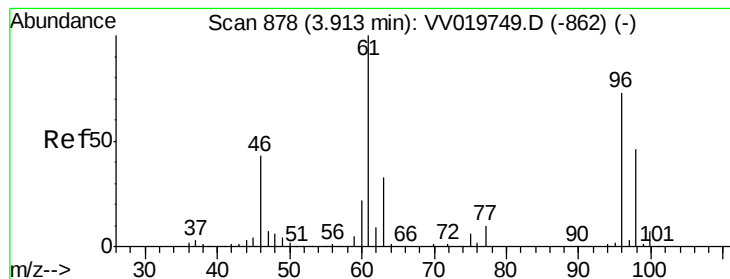
58 20.8 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



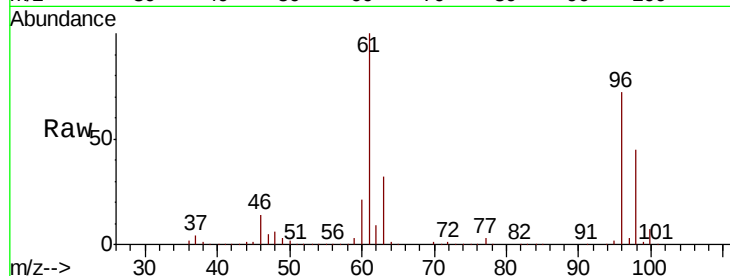


#20

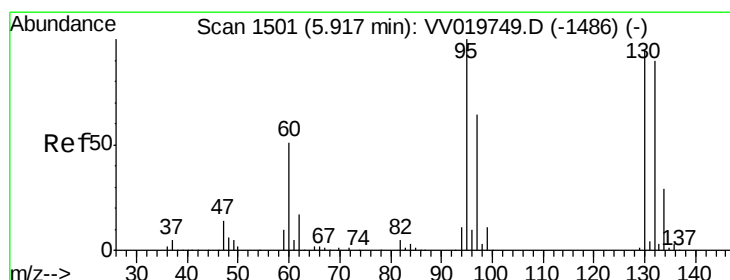
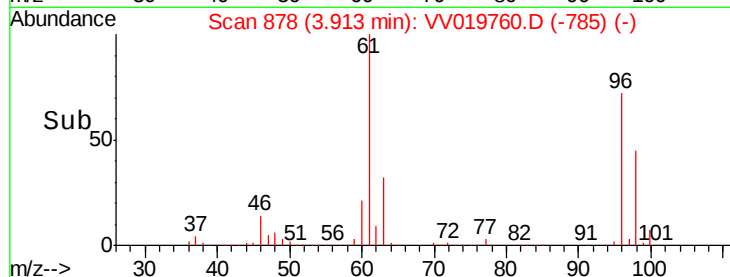
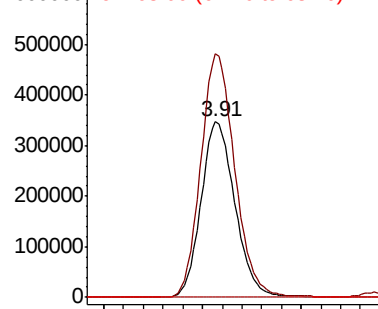
cis-1,2-Dichloroethene
Concen: 167.093 ug/L
RT: 3.91 min Scan# 878
Delta R.T. -0.00 min
Lab File: VV019760.D
Acq: 20 Dec 2020 01:36

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MSVOA_V
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F4H10

Tot Ion: 96 Resp: 832830
Ion Ratio Lower Upper
96 100
61 139.0 94.1 174.8
68 0.0 0.1 0.1#



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0

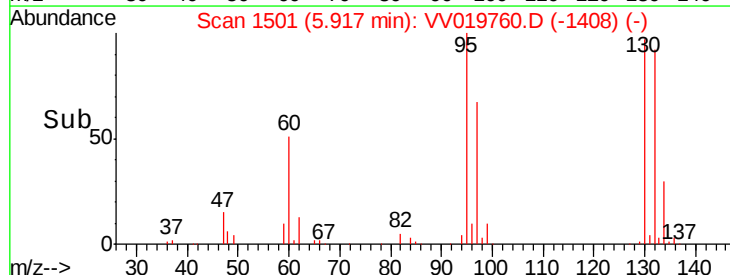
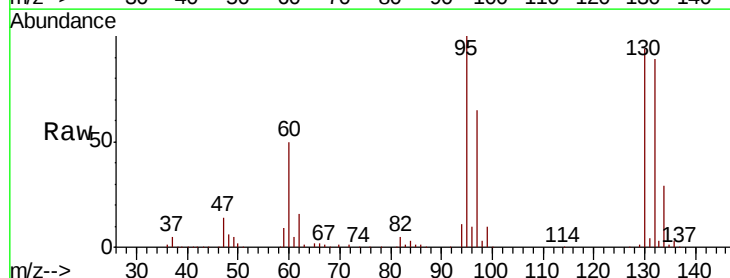
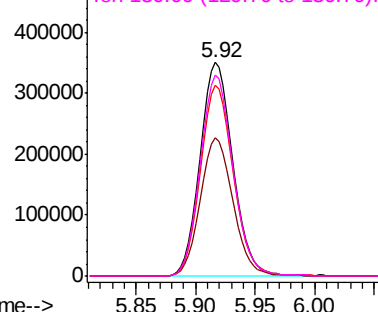


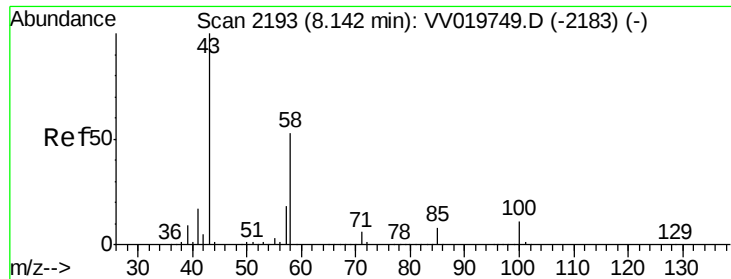
#34

Trichloroethene
Concen: 131.917 ug/L
RT: 5.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VV019760.D
Acq: 20 Dec 2020 01:36

Tgt Ion: 95 Resp: 669607
Ion Ratio Lower Upper
95 100
97 64.7 44.4 82.4
132 89.2 64.3 119.3
130 93.9 67.8 125.8

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): VV0
Ion 130.00 (129.70 to 130.70): VV0

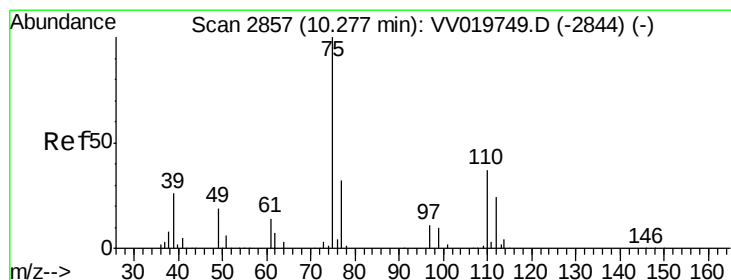
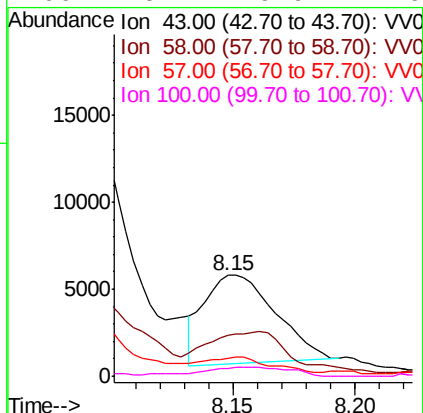
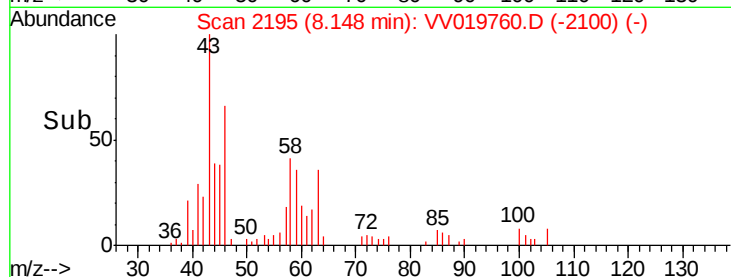
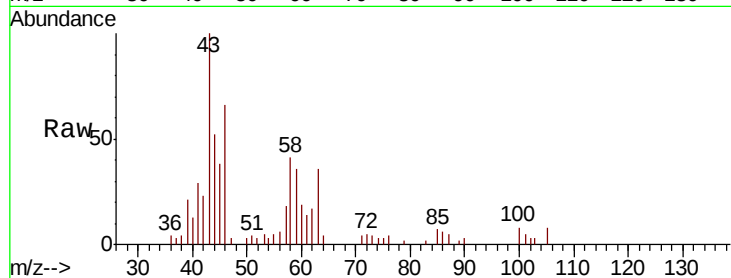




#48
2-Hexanone
Concen: 1.882 ug/L
RT: 8.15 min Scan# 2195
Delta R.T. 0.01 min
Lab File: VV019760.D
Acq: 20 Dec 2020 01:36

Instrument :
MSVOA_V
ClientSampleId :
F4H10

Tot Ion: 43 Resp: 10338
Ion Ratio Lower Upper
43 100
58 62.1 44.4 66.6
57 3.9 15.7 23.5#
100 6.7 9.9 14.9#



#59
1,2,3-Trichloropropane
Concen: 6.574 ug/L
RT: 11.25 min Scan# 3161
Delta R.T. 0.98 min
Lab File: VV019760.D
Acq: 20 Dec 2020 01:36

Tgt Ion: 75 Resp: 41030
Ion Ratio Lower Upper
75 100
77 38.1 25.8 38.8

