

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101220\
 Data File : VV018861.D
 Acq On : 12 Oct 2020 17:05
 Operator : SY/MD
 Sample : L4287-07DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB3DL

Quant Time: Oct 13 01:12:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 13 01:02:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	321453	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	313260	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	146752	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	136499	46.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.46%
7) Chloroethane-d5	1.58	69	106536	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.62%
11) 1,1-Dichloroethene-d2	2.12	63	196100	34.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.64%
21) 2-Butanone-d5	3.90	46	182964	102.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.02%
24) Chloroform-d	4.38	84	233271	45.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.54%
26) 1,2-Dichloroethane-d4	5.06	65	156648	44.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.68%
32) Benzene-d6	5.07	84	438010	43.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.90%
36) 1,2-Dichloropropane-d6	6.09	67	143705	43.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.44%
41) Toluene-d8	7.34	98	417525	46.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.32%
43) trans-1,3-Dichloropropene-	7.64	79	71122	44.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.52%
47) 2-Hexanone-d5	8.11	63	106205	92.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.18%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	150851	39.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	154622	47.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.22%

Target Compounds

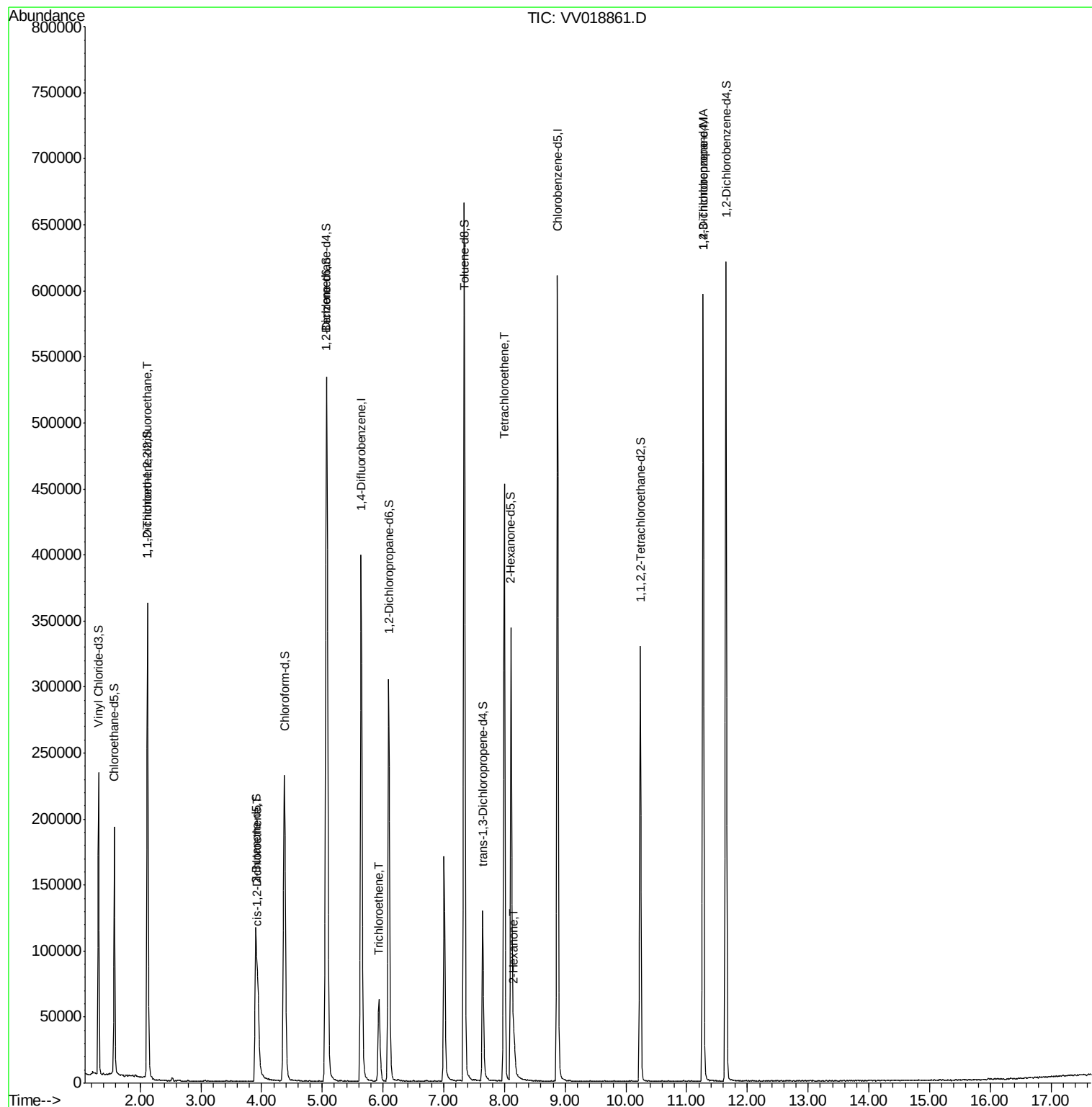
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1859	0.805 ug/L #	19
20) cis-1,2-Dichloroethene	3.94	96	23741	9.566 ug/L	94
34) Trichloroethene	5.94	95	12145	4.246 ug/L	97
46) Tetrachloroethene	8.00	164	98122	46.808 ug/L	98
48) 2-Hexanone	8.16	43	17556	6.269 ug/L #	75
59) 1,2,3-Trichloropropane	11.27	75	17921	5.517 ug/L	93

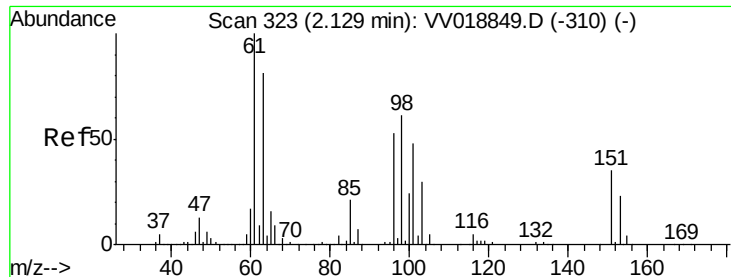
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 13 01:02:26 2020
Response via : Initial Calibration





#10

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

Concen: 0.805 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018861.D

Acq: 12 Oct 2020 17:05

Instrument :

MSVOA_V

ClientSampleId :

C0AB3DL

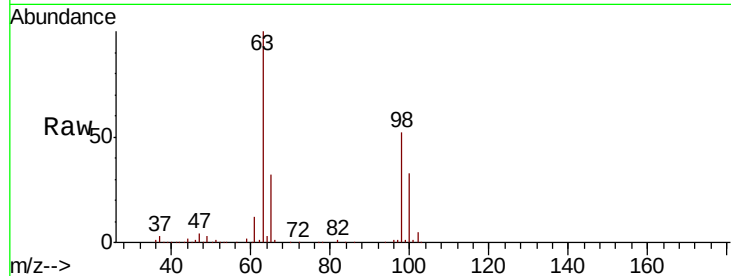
Tot Ion:101 Resp: 1859

Ion Ratio Lower Upper

101 100

85 0.0 35.9 53.9#

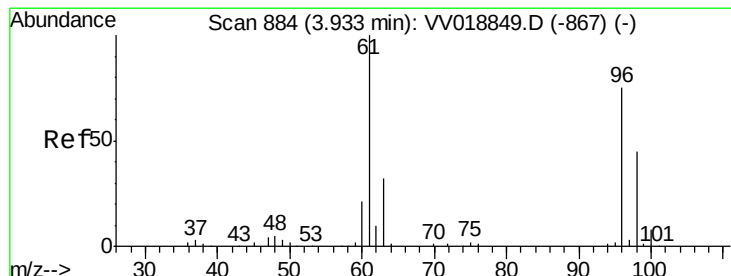
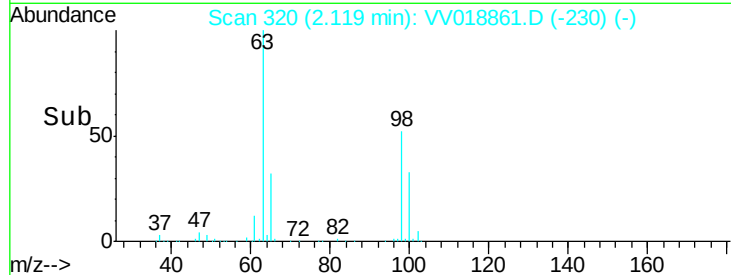
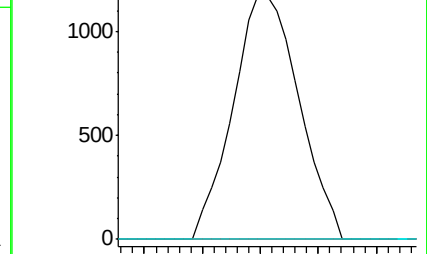
151 0.0 59.8 89.8#



Abundance Ion 101.00 (100.70 to 101.70): VV018849.D (-310) (-)

Ion 85.00 (84.70 to 85.70): VV018849.D (-310) (-)

Ion 151.00 (150.70 to 151.70): VV018849.D (-310) (-)



#20

cis-1,2-Dichloroethene

Concen: 9.566 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV018861.D

Acq: 12 Oct 2020 17:05

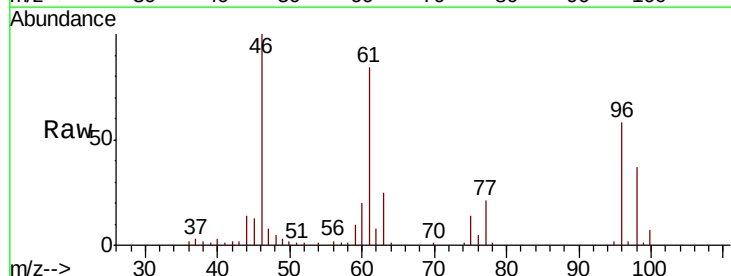
Tgt Ion: 96 Resp: 23741

Ion Ratio Lower Upper

96 100

61 145.8 97.3 180.7

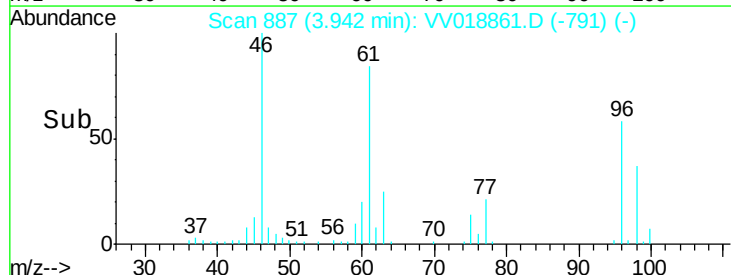
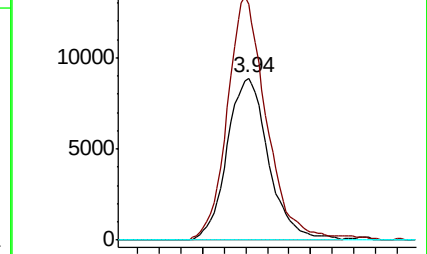
68 0.0 0.0 0.0

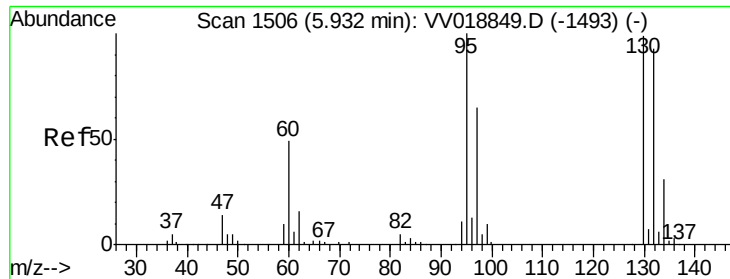


Abundance Ion 96.00 (95.70 to 96.70): VV018849.D (-867) (-)

Ion 61.00 (60.70 to 61.70): VV018849.D (-867) (-)

Ion 68.00 (67.70 to 68.70): VV018849.D (-867) (-)





#34

Trichloroethene

Concen: 4.246 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV018861.D

Acq: 12 Oct 2020 17:05

Instrument :

MSVOA_V

ClientSampleId :

C0AB3DL

Tot Ion: 95 Resp: 12145

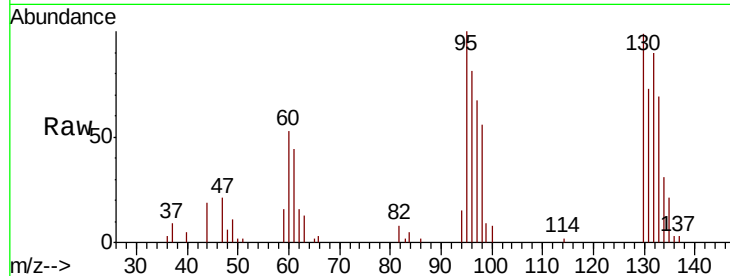
Ion Ratio Lower Upper

95 100

97 66.8 45.1 83.9

132 89.9 66.2 123.0

130 98.7 69.1 128.3



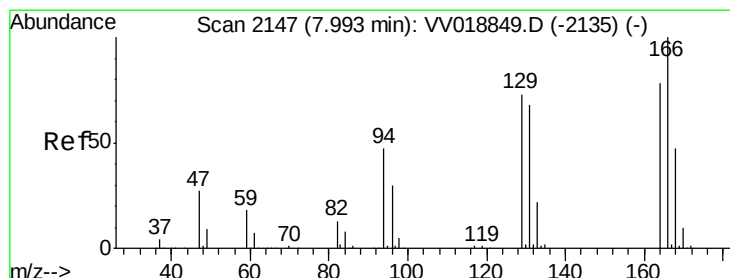
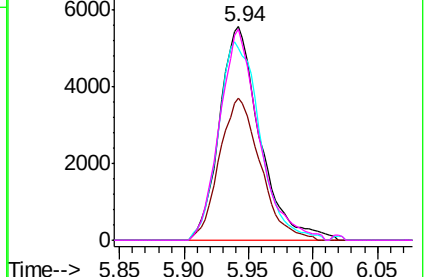
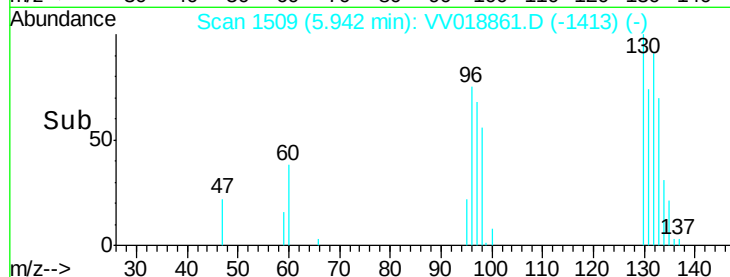
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

Time-->



#46

Tetrachloroethene

Concen: 46.808 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018861.D

Acq: 12 Oct 2020 17:05

Tgt Ion: 164 Resp: 98122

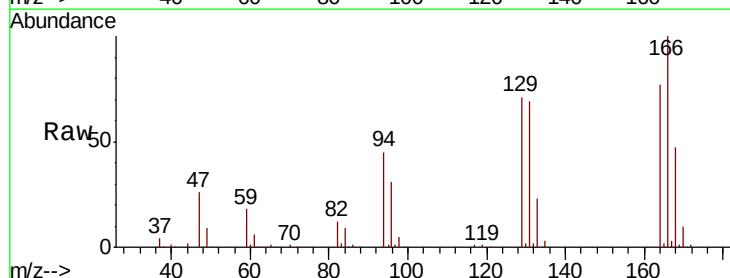
Ion Ratio Lower Upper

164 100

129 92.3 64.6 120.0

131 88.8 63.6 118.0

166 129.3 88.3 164.1



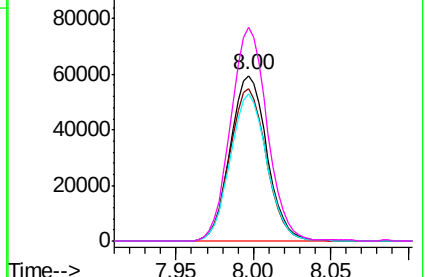
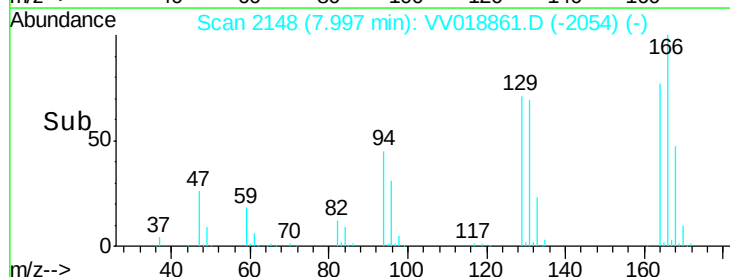
Abundance Ion 164.00 (163.70 to 164.70): VV0

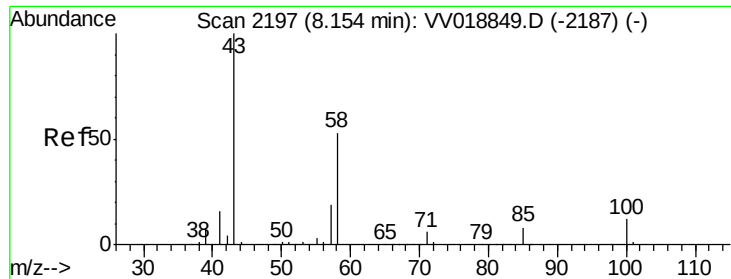
Ion 129.00 (128.70 to 129.70): VV0

Ion 131.00 (130.70 to 131.70): VV0

Ion 166.00 (165.70 to 166.70): VV0

Time-->

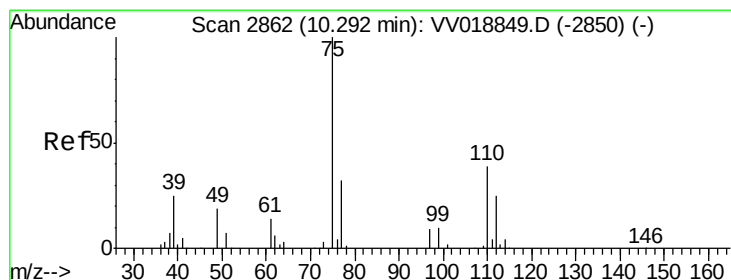
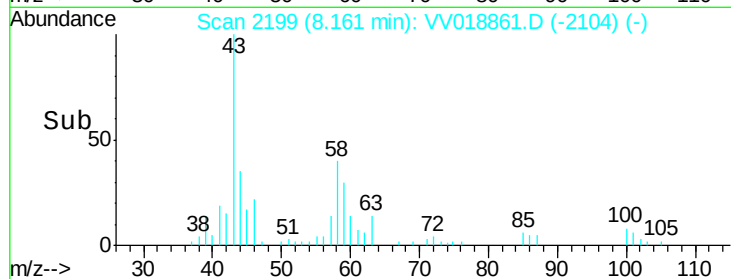
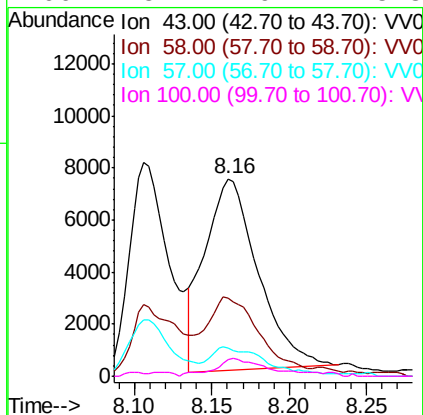
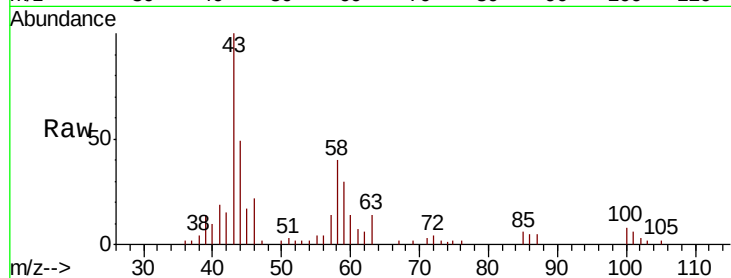




#48
2-Hexanone
Concen: 6.269 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.01 min
Lab File: VV018861.D
Acq: 12 Oct 2020 17:05

Instrument :
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Tot Ion: 43 Resp: 17556
Ion Ratio Lower Upper
43 100
58 35.1 41.8 62.8#
57 3.7 14.9 22.3#
100 5.2 9.2 13.8#



#59
1,2,3-Trichloropropane
Concen: 5.517 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018861.D
Acq: 12 Oct 2020 17:05

Tgt Ion: 75 Resp: 17921
Ion Ratio Lower Upper
75 100
77 36.4 25.9 38.9

