

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073020\
 Data File : VV017759.D
 Acq On : 30 Jul 2020 20:39
 Operator : SY/MD
 Sample : L3486-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0Y24

Quant Time: Jul 31 02:39:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 31 02:37:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	315347	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	297686	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	147893	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	67402	43.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.66%
7) Chloroethane-d5	1.58	69	59058	44.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.96%
11) 1,1-Dichloroethene-d2	2.12	63	120478	32.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.20%
21) 2-Butanone-d5	3.91	46	116027	100.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.34%
24) Chloroform-d	4.37	84	194439	46.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.54%
26) 1,2-Dichloroethane-d4	5.06	65	151022	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.40%
32) Benzene-d6	5.07	84	342536	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.28%
36) 1,2-Dichloropropane-d6	6.09	67	97281	50.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.02%
41) Toluene-d8	7.34	98	326217	47.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.48%
43) trans-1,3-Dichloropropene-	7.64	79	58300	45.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.70%
47) 2-Hexanone-d5	8.11	63	78446	93.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.83%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	131029	44.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.22%
64) 1,2-Dichlorobenzene-d4	11.65	152	142580	49.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.22%

Target Compounds

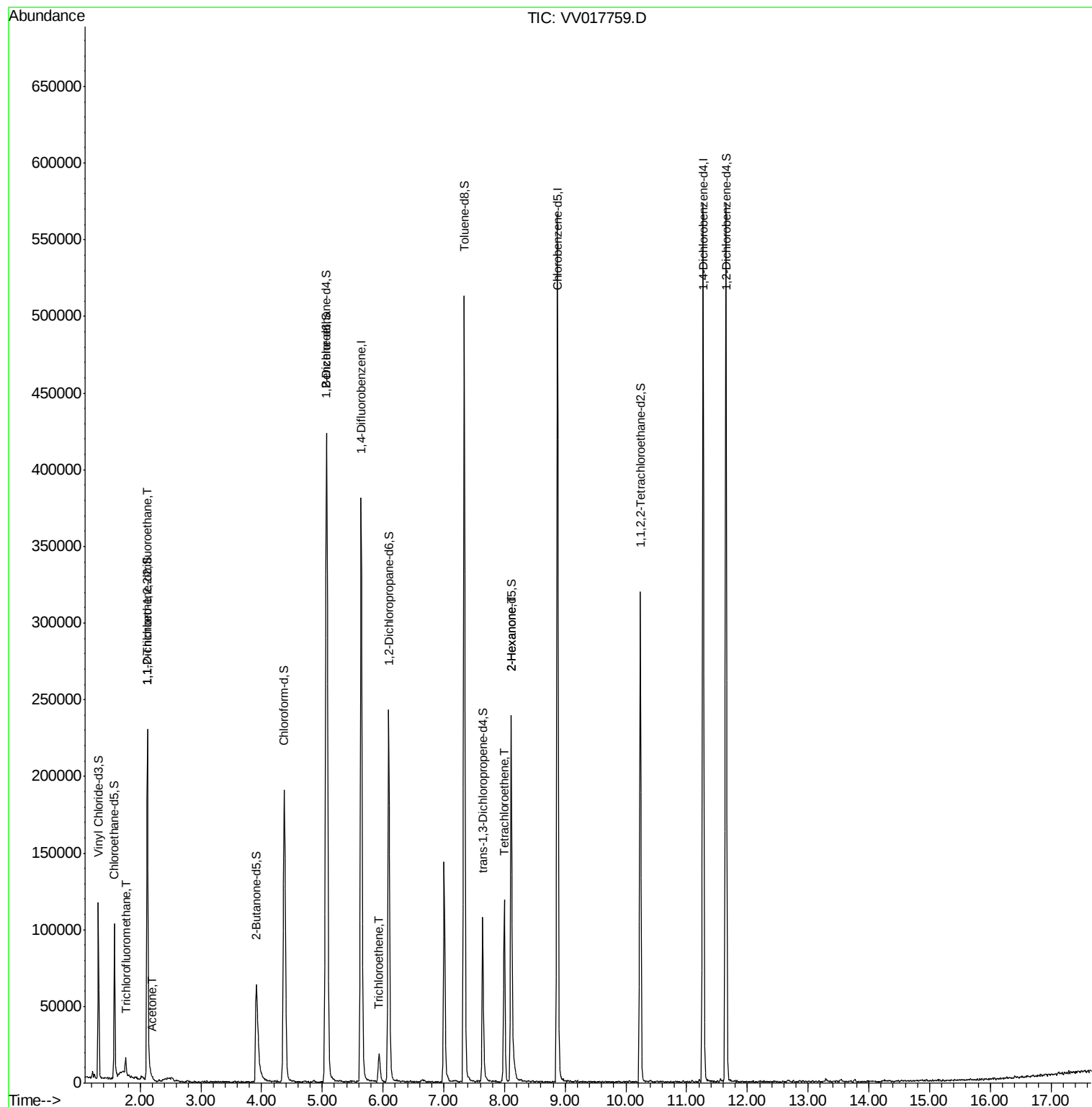
					Ovalue
9) Trichlorofluoromethane	1.76	101	5507	1.253 ug/L	86
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1400	0.689 ug/L #	22
13) Acetone	2.20	43	2693	1.834 ug/L	72
34) Trichloroethene	5.94	95	1814	0.791 ug/L	93
46) Tetrachloroethene	8.00	164	26957	13.259 ug/L	96
48) 2-Hexanone	8.11	43	10962	5.342 ug/L #	68

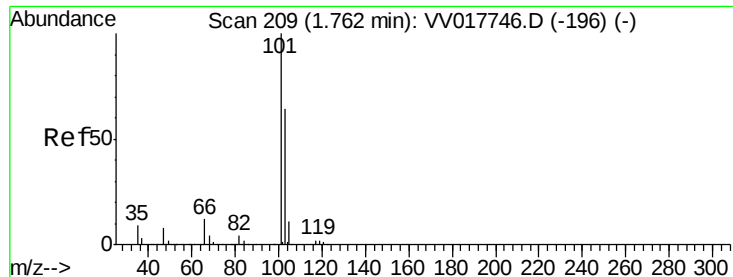
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 1.253 ug/L

RT: 1.76 min Scan# 209

Delta R.T. 0.00 min

Lab File: VV017759.D

Acq: 30 Jul 2020 20:39

Instrument :

MSVOA_V

ClientSampleId :

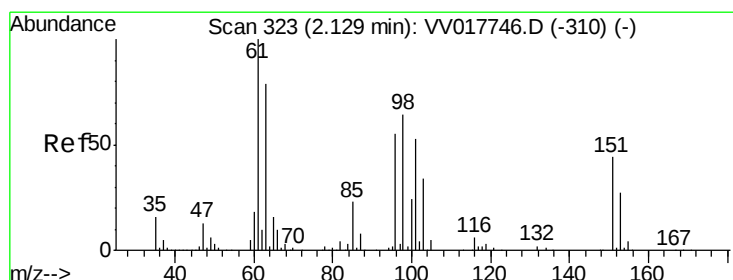
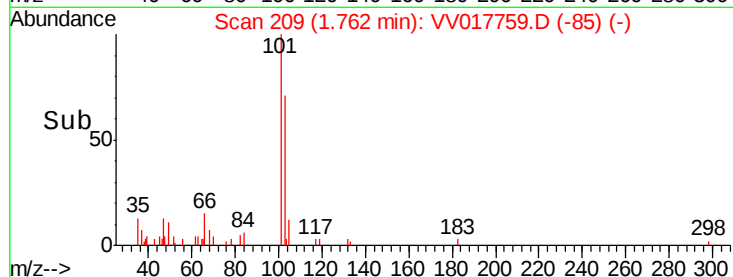
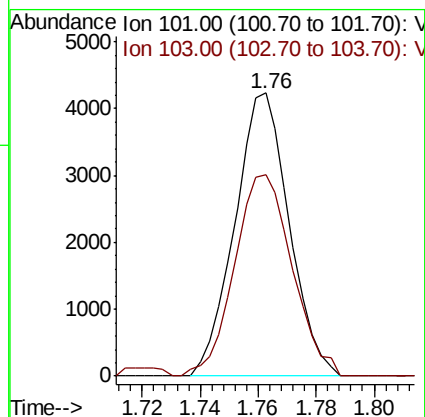
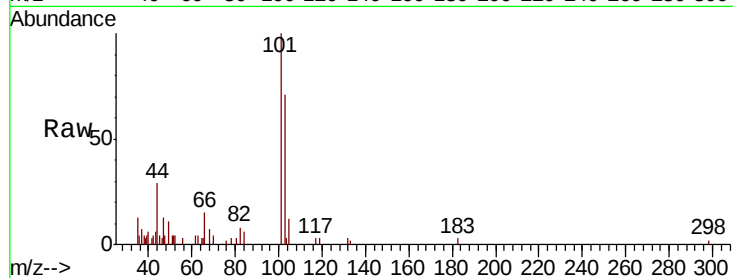
C0Y24

Tot Ion:101 Resp: 5507

Ion Ratio Lower Upper

101 100

103 75.5 51.6 77.4



#10

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

Concen: 0.689 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV017759.D

Acq: 30 Jul 2020 20:39

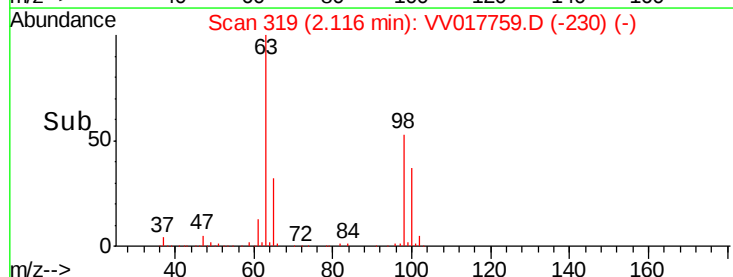
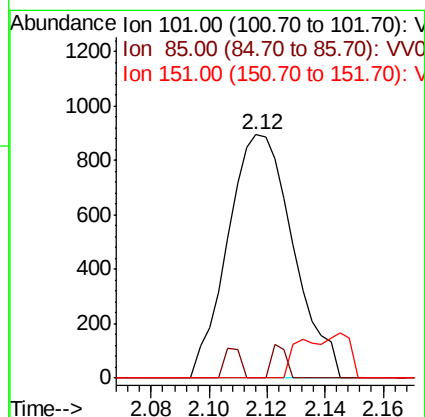
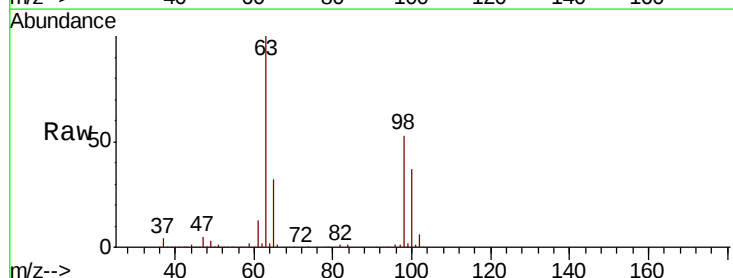
Tgt Ion:101 Resp: 1400

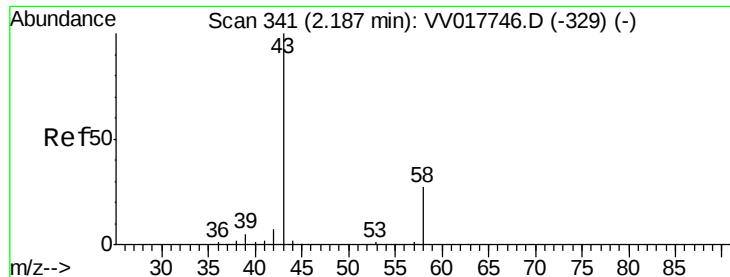
Ion Ratio Lower Upper

101 100

85 3.1 37.2 55.8#

151 7.1 68.2 102.2#





#13

Acetone

Concen: 1.834 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

Lab File: VV017759.D

Acq: 30 Jul 2020 20:39

Instrument :

MSVOA_V

ClientSampled :

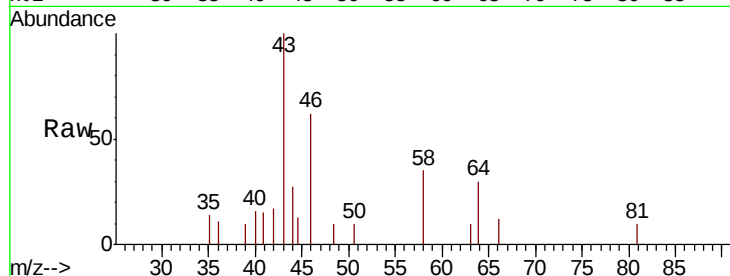
C0Y24

Tot Ion: 43 Resp: 2693

Ion Ratio Lower Upper

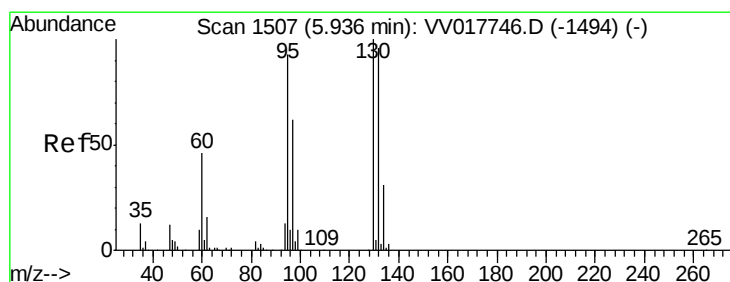
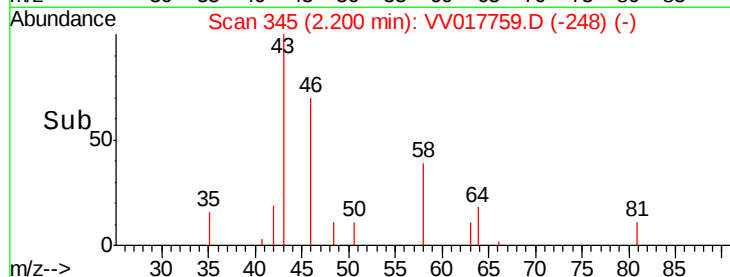
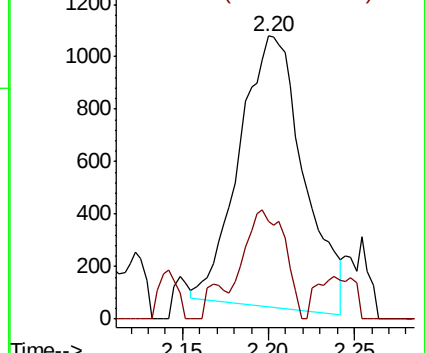
43 100

58 12.2 0.0 52.6



Abundance Ion 43.00 (42.70 to 43.70): VV017746.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV017746.D (-329) (-)



#34

Trichloroethene

Concen: 0.791 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017759.D

Acq: 30 Jul 2020 20:39

Tgt Ion: 95 Resp: 1814

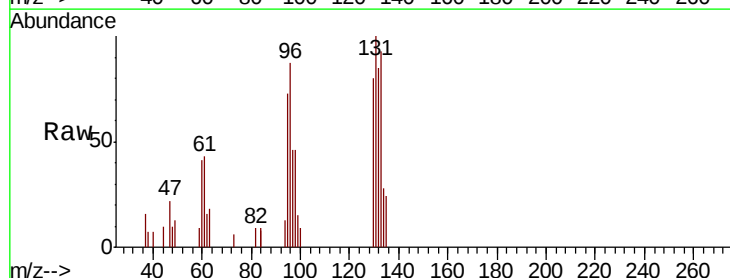
Ion Ratio Lower Upper

95 100

97 62.3 45.3 84.1

132 117.0 71.4 132.6

130 109.3 75.3 139.9

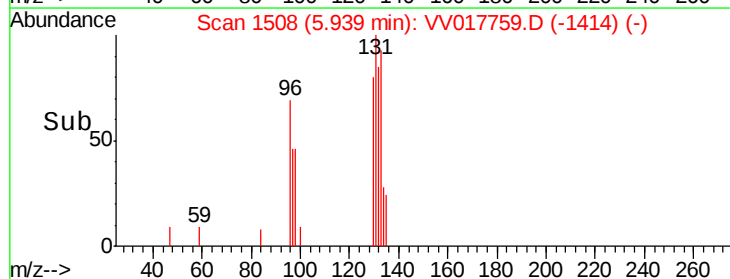
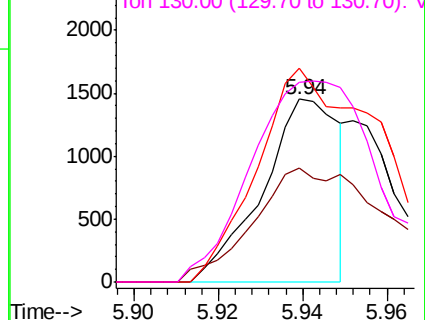


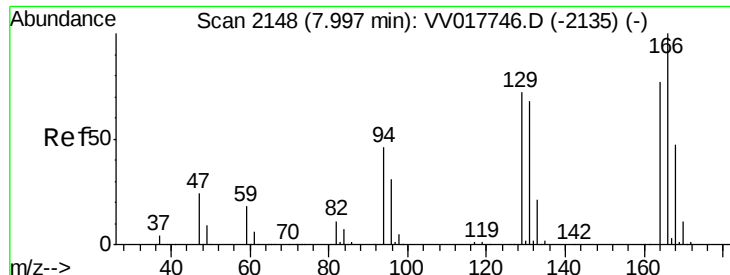
Abundance Ion 95.00 (94.70 to 95.70): VV017746.D (-1494) (-)

Ion 97.00 (96.70 to 97.70): VV017746.D (-1494) (-)

Ion 132.00 (131.70 to 132.70): VV017746.D (-1494) (-)

Ion 130.00 (129.70 to 130.70): VV017746.D (-1494) (-)





#46

Tetrachloroethene

Concen: 13.259 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017759.D

Acq: 30 Jul 2020 20:39

Instrument :

MSVOA_V

ClientSampleId :

C0Y24

Tot Ion:164 Resp: 26957

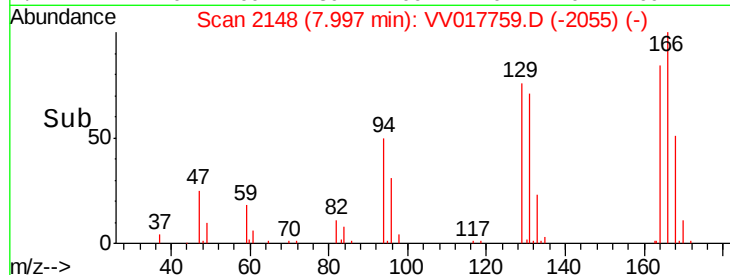
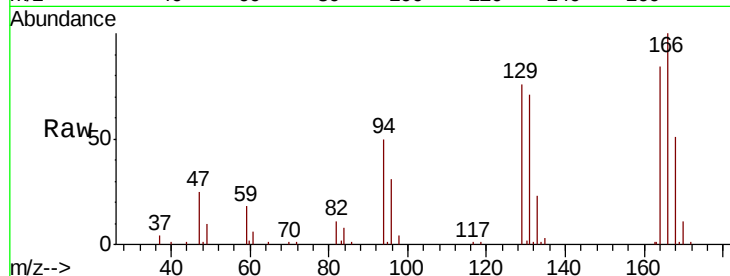
Ion Ratio Lower Upper

164 100

129 91.1 63.9 118.7

131 84.3 62.6 116.3

166 119.4 88.3 164.1

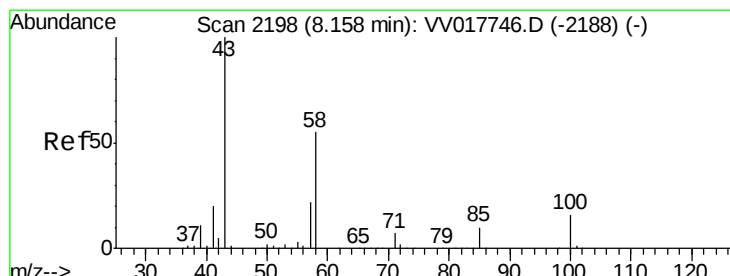
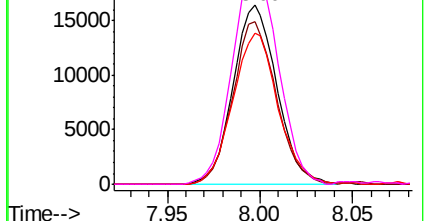


Abundance Ion 164.00 (163.70 to 164.70): V

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



#48

2-Hexanone

Concen: 5.342 ug/L

RT: 8.11 min Scan# 2183

Delta R.T. -0.05 min

Lab File: VV017759.D

Acq: 30 Jul 2020 20:39

Tgt Ion: 43 Resp: 10962

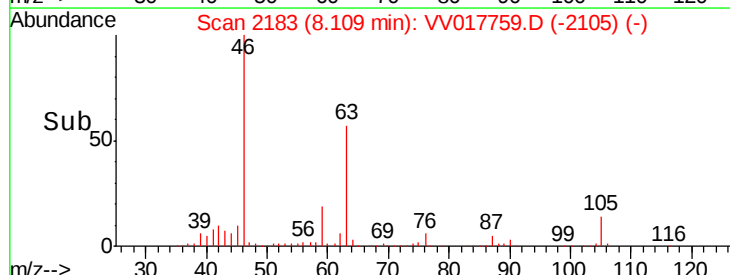
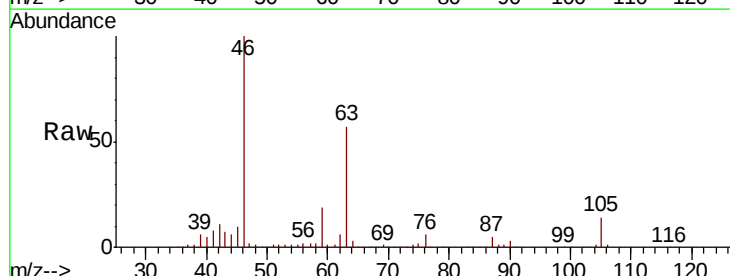
Ion Ratio Lower Upper

43 100

58 27.8 42.8 64.2#

57 30.0 16.6 24.8#

100 1.0 11.6 17.4#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

