

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
 Data File : VV019589.D
 Acq On : 13 Dec 2020 05:16
 Operator : SY/MD
 Sample : L4928-11 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4M6

Quant Time: Dec 13 07:42:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 13 07:40:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	637889	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	591666	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	273958	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	170458	37.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.54%
7) Chloroethane-d5	1.57	69	152689	42.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.64%
11) 1,1-Dichloroethene-d2	2.11	63	266713	31.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.84%
21) 2-Butanone-d5	3.90	46	249926	100.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.52%
24) Chloroform-d	4.35	84	367090	44.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.06%
26) 1,2-Dichloroethane-d4	5.04	65	254540	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.50%
32) Benzene-d6	5.05	84	714051	45.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.50%
36) 1,2-Dichloropropane-d6	6.07	67	229621	46.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.90%
41) Toluene-d8	7.32	98	637109	44.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.68%
43) trans-1,3-Dichloropropene-	7.62	79	110816	39.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.82%
47) 2-Hexanone-d5	8.09	63	180540	93.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.06%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	309111	46.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.46%
64) 1,2-Dichlorobenzene-d4	11.63	152	239553	46.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.56%

Target Compounds

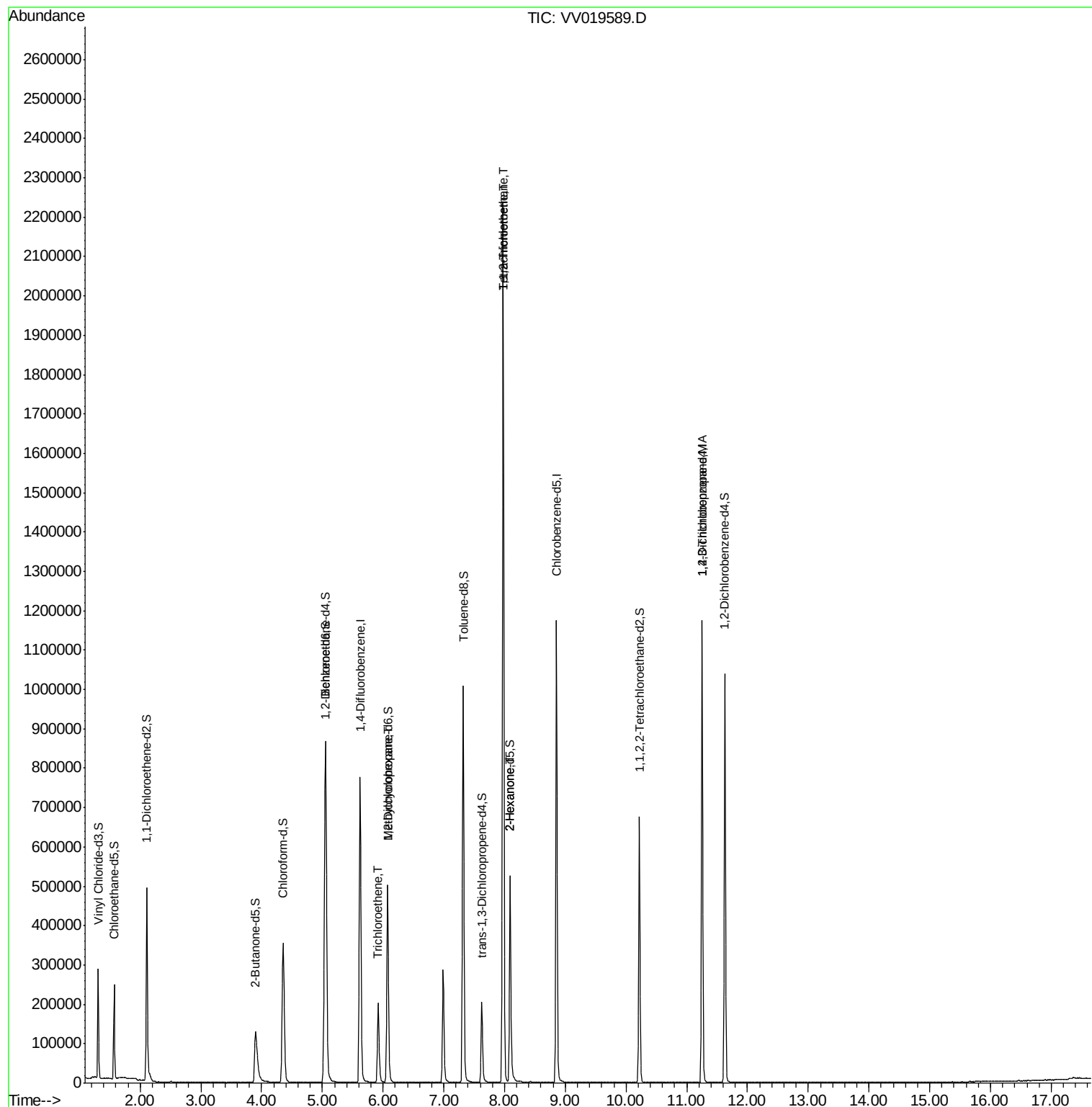
					Ovalue
34) Trichloroethene	5.92	95	69503	15.216	ug/L 98
35) Methylcyclohexane	6.07	83	56183	8.096	ug/L # 18
45) 1,1,2-Trichloroethane	7.97	97	4246	0.990	ug/L # 1
46) Tetrachloroethene	7.98	164	446035	141.117	ug/L 99
48) 2-Hexanone	8.09	43	22813	4.615	ug/L # 67
59) 1,2,3-Trichloropropane	11.25	75	37206	6.624	ug/L 91

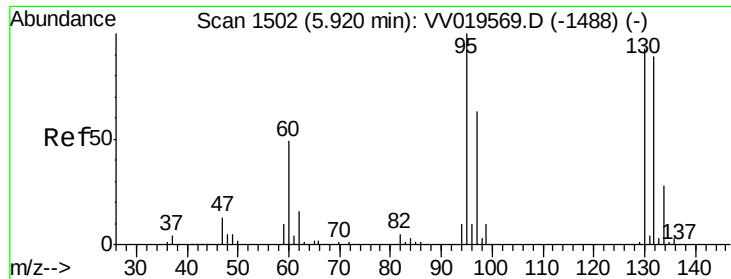
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sun Dec 13 07:40:15 2020
Response via : Initial Calibration





#34

Trichloroethene

Concen: 15.216 ug/L

RT: 5.92 min Scan# 1502

Delta R.T. 0.00 min

Lab File: VV019589.D

Acq: 13 Dec 2020 05:16

Instrument :

MSVOA_V

ClientSampleId :

BG4M6

Tot Ion: 95 Resp: 69503

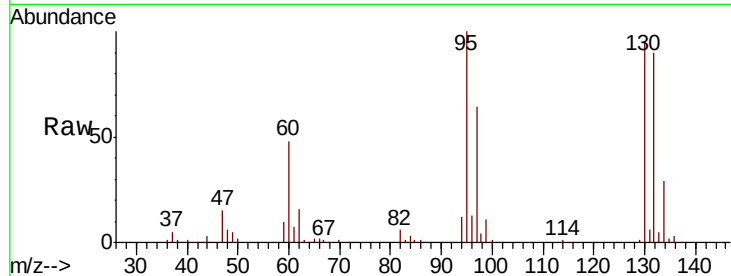
Ion Ratio Lower Upper

95 100

97 64.3 44.4 82.4

132 89.9 64.3 119.3

130 94.8 67.8 125.8



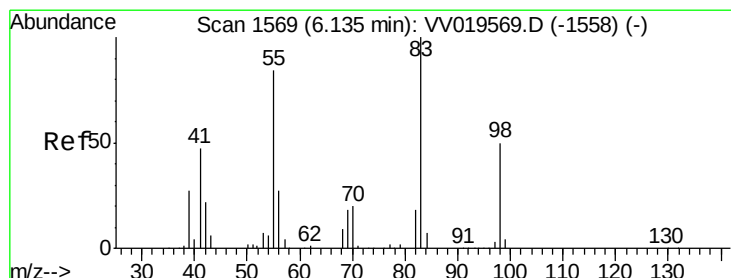
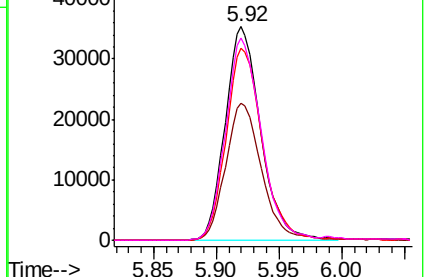
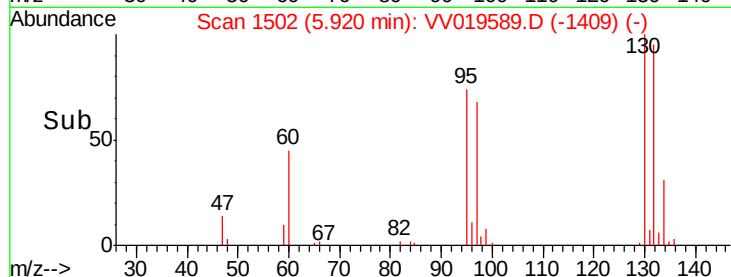
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

Time-->



#35

Methylcyclohexane

Concen: 8.096 ug/L

RT: 6.07 min Scan# 1550

Delta R.T. -0.06 min

Lab File: VV019589.D

Acq: 13 Dec 2020 05:16

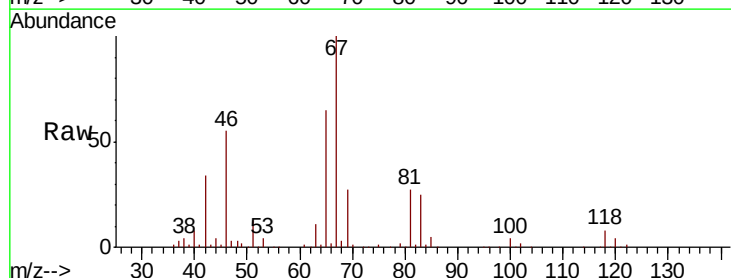
Tgt Ion: 83 Resp: 56183

Ion Ratio Lower Upper

83 100

55 0.4 64.2 96.4#

98 1.9 39.3 58.9#

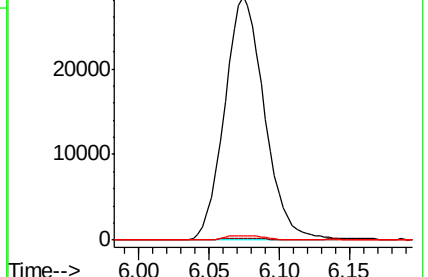
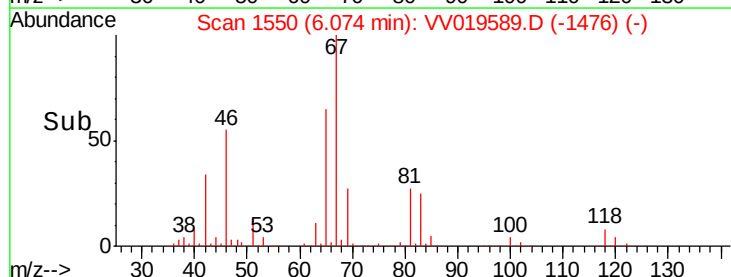


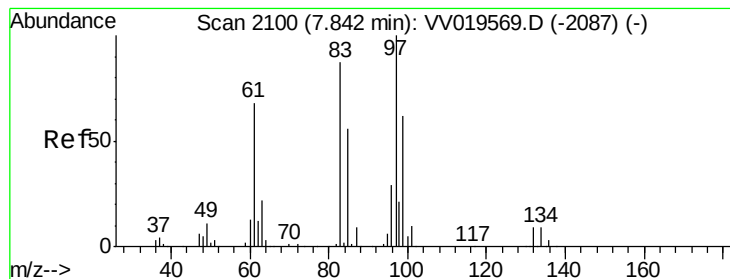
Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

Time-->





#45

1,1,2-Trichloroethane

Concen: 0.990 ug/L

RT: 7.97 min Scan# 2141

Delta R.T. 0.13 min

Lab File: VV019589.D

Acq: 13 Dec 2020 05:16

Instrument :

MSVOA_V

ClientSampleId :

BG4M6

Tot Ion: 97 Resp: 4246

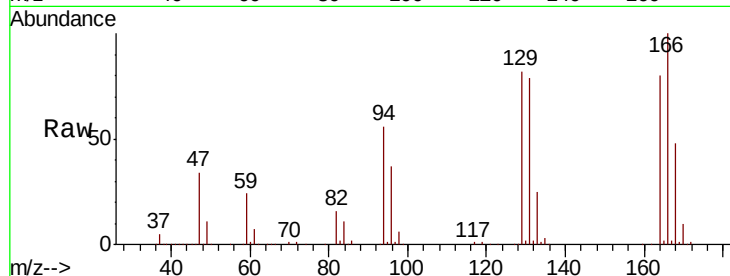
Ion Ratio Lower Upper

97 100

99 14.5 44.1 81.9#

83 257.1 60.0 111.4#

85 39.5 38.6 71.8

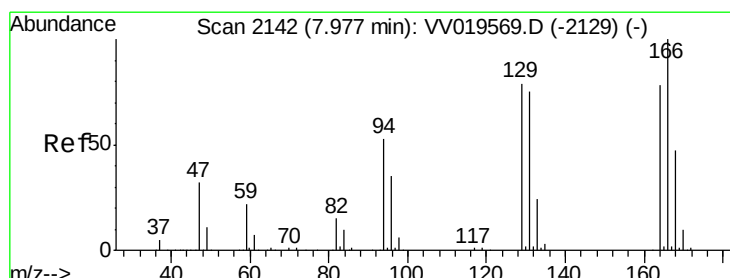
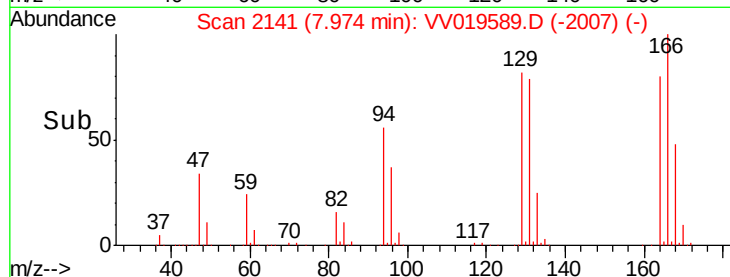
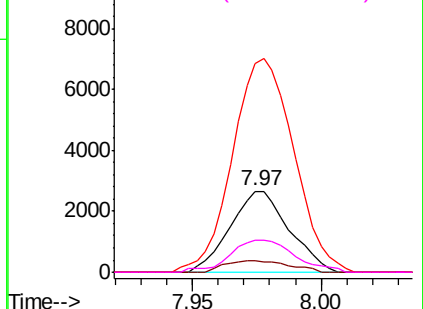


Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



#46

Tetrachloroethene

Concen: 141.117 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VV019589.D

Acq: 13 Dec 2020 05:16

Tgt Ion:164 Resp: 446035

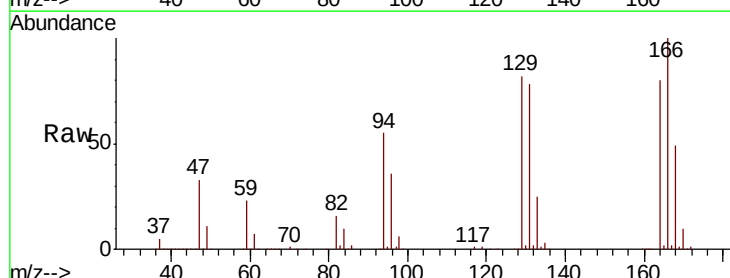
Ion Ratio Lower Upper

164 100

129 102.5 70.6 131.0

131 97.8 68.0 126.4

166 125.7 86.9 161.5

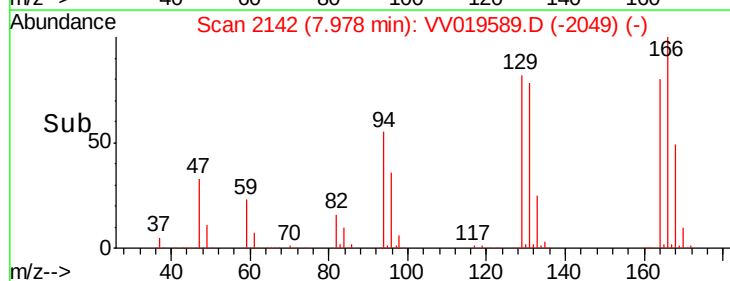
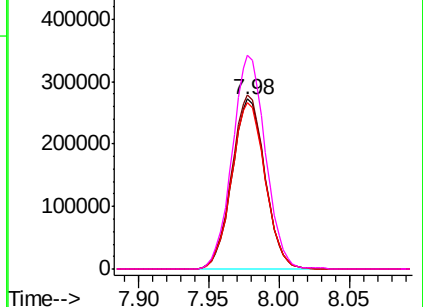


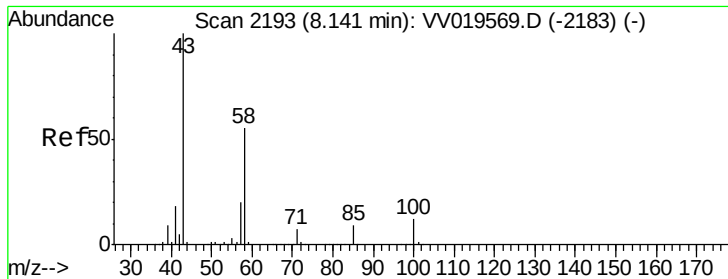
Abundance Ion 164.00 (163.70 to 164.70): V

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

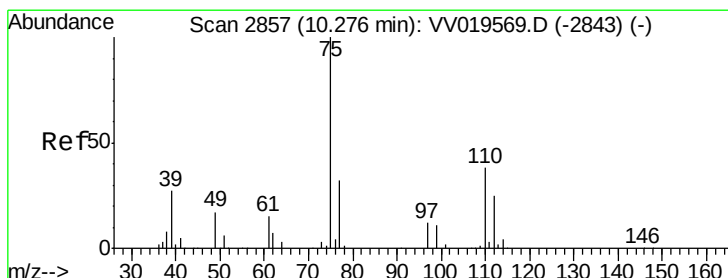
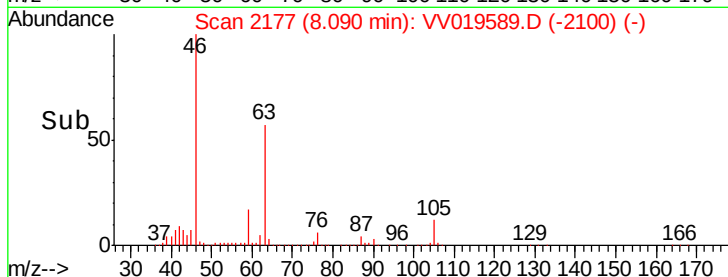
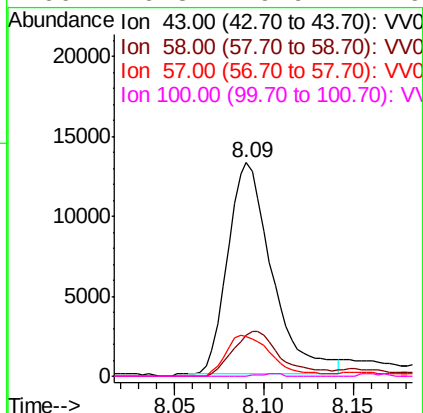
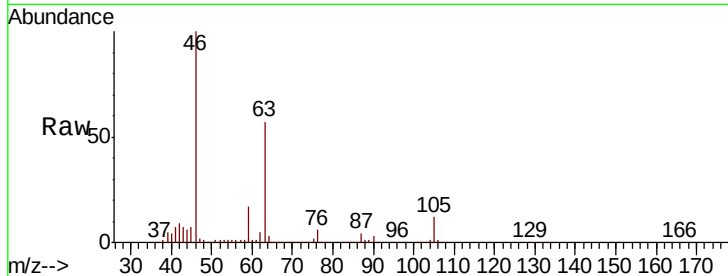




#48
 2-Hexanone
 Concen: 4.615 ug/L
 RT: 8.09 min Scan# 2177
 Delta R.T. -0.05 min
 Lab File: VV019589.D
 Acq: 13 Dec 2020 05:16

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4M6

Tot Ion:	43	Resp:	22813
Ion	Ratio	Lower	Upper
43	100		
58	23.1	44.4	66.6#
57	20.0	15.7	23.5
100	0.3	9.9	14.9#



#59
 1,2,3-Trichloropropane
 Concen: 6.624 ug/L
 RT: 11.25 min Scan# 3160
 Delta R.T. 0.97 min
 Lab File: VV019589.D
 Acq: 13 Dec 2020 05:16

Tgt Ion:	75	Resp:	37206
Ion	Ratio	Lower	Upper
75	100		
77	37.3	25.8	38.8

